

A CONSPECTUS OF THE MOSSES OF ANTARCTICA,
SOUTH GEORGIA, THE FALKLAND ISLANDS AND
SOUTHERN SOUTH AMERICA

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Front Cover: Tortula robusta, Cumberland Bay, South Georgia. Photo: I Everson



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ABSTRACT

A SURVEY is presented of the taxa of mosses which have been reported from Antarctica, the islands of the Scotia Ridge, South Georgia, the Falkland Islands and southern South America, i.e. Argentina, Chile and Uruguay, including Juan Fernandez, from earliest times up to the end of 1977. The results show that 1727 species and 254 subspecies or varieties are currently accepted for the area; of these 254 species and 40 subspecies or varieties are believed to be endemic.

Nomenclature is based on that in *Index muscorum* (van der Wijk and others, 1959, 1962, 1964, 1967, 1969) or in later treatments where appropriate but in four cases, viz. *Racomitrium crispulum*, the Polytrichaceae, *Bryum antarcticum* and *Sphagnum*, reasons are given for adopting a different approach. The list of synonyms includes the basionym and those epithets which have been used for material from the area but is not nomenclaturally exhaustive. Some 60 *nomina nuda* are also listed since specimens bearing these names are frequently encountered in herbaria.

Distribution follows the worldwide scheme adopted in *Index muscorum* grouped here under six headings, viz. Juan Fernandez, southern South America, the Falkland Islands, South Georgia, Antarctic Peninsula region and Antarctic continental region, the records for the South Orkney Islands being included with the peninsula region. It was found that 41 of the taxa listed in *Index muscorum* as occurring in the area could not be substantiated from any other source and so have been deleted from the list. As genera and species are revised, further reductions in the totals of currently accepted taxa can be expected, although further field work may add others.

The list of references is extensive and includes about 900 entries, all of which have been examined by the author. Included in the list is the literature relating to the basionyms. Where appropriate, both bibliographic and effective dates have been given to facilitate literature retrieval and taxonomic requirements.

I. INTRODUCTION

FACILITIES provided during the International Geophysical Year (1957–58) offered bryologists their first opportunities to work in Antarctica. As a result of visits by S. W. Greene in 1960–61, R. E. Longton in 1963–65, R. I. L. Smith in 1964–67, 1969–71, the author in 1967–68, G. C. S. Clarke in 1967–68 and B. G. Bell in 1971–72, substantial collections were assembled in the British Antarctic Survey Herbarium (Greene, 1972) to be used for revisionary work on Antarctic bryophytes. Most pre-IGY collections had been made from ship-borne expeditions by collectors who were almost entirely non-botanists and who sent their material to European specialists for examination. As a consequence there developed a very scattered literature published in a variety of journals and expedition reports. The first attempt to draw this together was made by Steere (1961*a, b*), who produced check lists for Antarctica and South Georgia, respectively, which were later updated by Greene (1968*a*).

As the collections made by the above-mentioned bryologists contained so much that was new for the region, it soon became clear that the work of identification and preparation of taxonomic

revisions could not proceed satisfactorily without detailed knowledge of the taxa, and records of their distribution, in neighbouring areas. This applied in particular to southern South America and New Zealand, since it appeared that the Antarctic Peninsula and continental Antarctic moss floras were most closely related to the flora of Magellanic and Nova Zealanic regions. For the latter region Sainsbury's (1955) *A handbook of the New Zealand mosses* and Dixon's earlier *Studies in the bryology of New Zealand with special reference to the herbarium of Robert Brown, Christchurch, New Zealand* (Dixon, 1913, 1914, 1923, 1926, 1927, 1929a) provided a reasonable background. Kühnemann (1938) had compiled from the literature a check list of mosses for Argentina, which included the Falkland Islands and later he gave a list of genera for the neighbourhood of Buenos Aires (Kühnemann, 1944). Looser (1952) reviewed the contribution made by Thériot to knowledge of the Chilean moss flora, while Herter (1927–28, 1953) listed many relevant works for Uruguay. For the Magellanic region, where the first moss recorded as having been collected was obtained in 1690 (Middleton, 1909; Gunckel, 1971), Cardot (1908a) in *La flore bryologique des terres Magellaniques, de la Géorgie du Sud et de l'Antarctide* drew together the work of the early expeditions. But all these accounts remained unsynthesized, a different nomenclature was used in each and much of relevance had been published subsequently.

So, in response to the needs of the British Antarctic Survey's bryologists, a synthesis of the literature was undertaken to update Cardot (1908a) and to amalgamate into a single consolidated account the reports and records of mosses from southern South American and Antarctic regions based on the nomenclature of van der Wijk and others (1959, 1962, 1964, 1967, 1969) in *Index muscorum*. This synthesis is provided here in the form of a conspectus of taxa for almost the whole of the areas referred to in *Index muscorum* as Antarctica (Ant.) and America area No. 6 (Am. 6), i.e.:

<i>Antarctica</i>	Antarctic Peninsula and continental region together with all off-shore islands.
<i>America 6</i>	Chile, Argentina, Uruguay, Juan Fernandez and Easter Island, Falkland Islands, South Georgia, South Sandwich Islands.

The one exception is the records for the Easter Island flora which have been excluded since they are not believed to have any real affinity with the flora of Antarctica. It should also be appreciated that the moss floras of the sub-Antarctic Marion and Prince Edward Islands, Îles Crozet, Îles Kerguelen, Heard and Macdonald Islands and Macquarie Island, as well as oceanic island groups to the north of these, e.g. the islands of the Tristan–Gough group in the South Atlantic, New Amsterdam and St. Paul Islands in the South Indian Ocean and the islands normally referred to as the New Zealand Shelf islands, are not treated as they form parts of other geographical areas, *sensu Index muscorum*.

The present work lists 1959 currently accepted taxa, 1728 species and 232 subspecies or varieties, of which 254 species and 40 subspecies or varieties are, according to *Index muscorum*, up to 1977, although a few papers from 1978 and 1979 have been included. Purely ecological papers have been excluded except where these works contain lists of species from an area which is not covered in any taxonomic work.

Nomenclature follows that in *Index muscorum*, Crosby (1977a), or the most recent treatment, in which case the authority is given. Exceptions are the treatment of *Racomitrium crispulum* by Clifford (1955) and the Polytrichaceae by Smith (1971), because it was found that contemporary opinion did not accept the conclusions in these works. Another exception is the list of synonyms given for *Bryum antarcticum* by Dixon and Watts (1918). In recent years considerable doubt has been cast on the validity of these reductions by Horikawa and Ando (1967), Greene (1968a), and others. In view of this, and the fact that doubt exists as to whether *B. antarcticum* really belongs to the genus *Bryum*, it was decided to list all the species involved under their pre-Dixon and Watts (1918) nomenclature. The taxonomic status of *Bryum inconnexum* Card. is also in considerable doubt in spite of a recent paper by Ochi (1976) in Japanese.

The treatment of the genus *Sphagnum* has been presented in a simplified form. It proved too time-consuming and beyond the competence of the author to treat the nomenclature for *Sphagnum* in the same way as has been done for other genera. On the advice of Mr A. Eddy, of the British Museum (Nat. Hist.), the *Sphagnum* taxa which have been reported for the region are listed with their geographical distribution but no attempt has been made to quote basionyms or any other synonyms, although *Index muscorum* has been followed as to status. This is indicated in the same way as in the rest of the text.

Apart from the foregoing cases, the author has not made any taxonomic decisions, so obvious anomalies or mistakes remain, although some attempt has been made to draw attention to them.

The list is arranged alphabetically in genera and species and, as in *Index muscorum*, nothing under varietal rank has been given, although forms are sometimes mentioned in the distribution. Validly published, currently accepted names are given in bold italics, synonyms in italics, *nomina illegitima*, *homonyma illegitima* and *nomina nuda* are in Roman type (Table I) with the status indicated in each case. Synonyms are cross-referenced to their final names. The list of synonyms is not exhaustive but always includes the basionym and those names which have been used for the geographical regions covered by the list, as well as those which were considered necessary to make the nomenclature clear.

TABLE I
ABBREVIATIONS AND CONVENTIONS

Abbreviations

<i>comb. inval.</i>	invalid combination
distr.	distribution
err.	in error
f.	filiius or son
<i>fide</i>	according to
forma	lowest-ranked infraspecific category
<i>hom. illeg.</i>	later and thus illegitimate homonym
<i>nom. illeg.</i>	illegitimate name
<i>nom. ival.</i>	invalidly published name
<i>nom. nud.</i>	name lacking a description or reference to a description
<i>nom. rejic.</i>	name rejected in favour of a later conserved name
<i>non</i>	not
pro parte	in part
<i>sensu</i>	as understood by
ssp.	subspecies or highest-ranked infraspecific category
syn.	synonym
<i>synon. excl.</i>	excluding synonyms in original publication
var.	variety or intermediate-ranked infraspecific category

The foregoing terms are to be understood in accordance with usage in botanical nomenclature, as explained in the introductory matter to volume one of *Index muscorum* (van der Wijk and others, 1959).

Conventions

Names in bold italics	(e.g. <i>Achrophyllum dentatum</i>) are those currently accepted.
Names in italics	(e.g. <i>Hookeria dentata</i>) are synonyms.
Names in Roman type	(e.g. <i>Hookeria denticulata</i>) are those which, for one reason or another contravene the rules of <i>The international code of botanical nomenclature</i> (Stafleu, 1978).

Although *nomina nuda* have no nomenclatural significance, they have been treated in the same way as valid species because both Mueller and Dusén created a significant number and, in the case of Dusén, specimens bearing these names are frequently encountered in world herbaria. It will be noted that on a number of occasions a name has been used by an author prior to its valid publication by the authority cited. For example, Paris frequently published names attributed to Dusén a year before Dusén himself published his descriptions. Camp (1915, 1921) and Costes (1921) both cited Thériot names before the latter validly published them. In those cases where it has been possible to be sure that the record pre-dating the valid publication of the taxon is based on the same type as the later valid publication, it has been cited without further comment in the distribution, although technically these names are all *nomina nuda*. Where the literature has revealed a misidentification, this has been shown by giving the reference followed by *fide* and a reference to the appropriate source. Orthographical errors not listed in *Index muscorum* are mentioned in the distribution lists after a reference as orthographical variants.

In a number of cases an author has used a specific epithet which is not given in *Index muscorum* or elsewhere and although an authority was cited it has proved impossible to trace the original publication. These names are included in the list as *nomina nuda*. One other situation deserves comment. A number of authors have reported *Hypnum liliputeanum* from Chile but, as Thériot (1916) pointed out, Montagne (1842) described the taxon on material from Cuba. Mitten (1869) erroneously listed it for Chile and this error has been faithfully copied by later authors.

The distribution lists are an amalgamation of all the papers in which a taxon or its synonyms have been reported as occurring in the area. This extended method of citation has been adopted as an aid to specimen recovery for the taxonomic work. Despite what appears to be an extensive literature, the specimen base is surprisingly small, the same specimen, quite often the type, being cited by several authors as the only one available.

All taxa reported in *Index muscorum* as occurring in America 6 or Antarctica have been abstracted, but not all of these appear in the list of taxa. In most cases, this is due to the fact that synonyms irrelevant to the region have been deleted. There remain the 41 taxa cited in Table II where *Index muscorum* appears to be in error as the author has been unable to find any other reference to the occurrence of any of these taxa in the region.

The abbreviations for the author citations follow those used in *Index muscorum*; in the case of more recent authors, not cited in that work, the full name is used. The abbreviations of standard nomenclatural terms used in the text are summarized in Table I.

TABLE II
TAXA REPORTED ERRONEOUSLY FROM SOUTHERN SOUTH AMERICA OR ANTARCTICA IN
Index muscorum

Southern South America

Aulacomnium androgynum (Hedw.) Schwaegr.
Bartramia micrangia Herz.
Breutelia karsteniana (C. Muell.) Jaeg.
Breutelia wainioi Broth.
Bryum cirrhatum Hoppe et Hornsch. *hom. illeg.*
Bryum incacorrallis Herz.
Bryum incrasso-limbatum Card.
Bryum micro-laevigatum C. Muell.
Bryum pungens Tayl.
Bryum urbanskyi Broth.
Campylopus acervatus Mitt.
Campylopus bogotensis Thér.
Coscinodon trinervis (Williams) Broth.
Cryphaea patens Hornsch. ex C. Muell.
Cryphaea patens Hornsch. ex C. Muell. var. *dilatata* Herz.
Fissidens brevifolius Hook. f. et Wils.
Fissidens mollis Mitt.
Fissidens subcrispus Besch.
Fissidens taylorii C. Muell.
Funaria megalostoma Mitt.
Leptodontium subacutifolium Besch. *nom. nud.*
Meesia uliginosa Hedw.
Microdus densus (Hook.) Besch.
Mielichhoferia campylocarpa (Hook. et Arnott) Mitt.
Octoblepharum ampullaceum Mitt.
Orthotrichum albidum Hedw.
Papillaria pseudo-funalis C. Muell.
Philonotis hastata (Dub.) Wijk et Marg.
Pilotrichum fendleri C. Muell.
Polytrichum alpinum var. *polare* (C. Muell.) Hag.
Pseudocrossidium apiculatum Williams
Ptychomitrium serratum B.S.G.
Racopilum cuspidigerum (Schwaegr.) Aongstr.
Schlotheimia rugifolia (Hook.) Schwaegr.
Sematophyllum contiguum (Mitt.) Mitt.
Tortula austro-ruralis (C. Muell.) Broth.
Verrucidens macrosporus Reim.

Antarctica

Brachythecium pallidoflavens Card.
Isopterygium ambiguum Card.
Isopterygium brownii Card.
Rhynchostegium pseudo-murale (Hamp.) Jaeg.

The list of references has been made as complete as possible and is arranged under the bibliographic (i.e. title page) date. In taxonomic work it is the effective date, i.e. the date of issue or availability, that is important. In *Index muscorum* only the effective dates are cited, which presents difficulty in locating many works since card indices and other retrieval systems in libraries are based exclusively on bibliographic dates. To facilitate retrieval, the references are arranged in the bibliography according to bibliographic dates with the effective date given within square brackets where it differs. The same policy has been adopted for author citations but elsewhere in the text only the bibliographic date is used. If the evidence for an effective date is available internally in a publication, e.g. in those volumes of the *Revue Bryologique et Lichénologique*, where the effective date is given on the cover, the date itself is cited without a source; in all other cases the authority for the effective date is given.

Extensive use has been made of the following works when determining effective dates of publication:

van Steenis-Krauseman and Stearn (1954),
 Sayre (1959, 1969, 1971, 1975),
 Stafleu (1967) and
 Stafleu and Cowan (1976, 1979).

Considerable difficulty was experienced in finding effective dates of publication for the first edition of *Index bryologicus* (Paris, 1894, 1895, 1896, 1897, 1898), *Index muscorum* being found to be inconsistent in the dates quoted for the different parts. The dates used here are those given by Paris (1900b), but the complicated inter-relationships between the dates of publication of the fascicules and the order in which pages appeared in *Actes de la Société linnéenne de Bordeaux* have been dealt with by Stafleu and Cowan (1983).

Every reference has been checked personally by the author. This includes the literature of the basionyms, since many of these works are often cited inaccurately and a lot of them are rare and not readily available outside of large institutional libraries. It is hoped that the trouble taken to trace these works will facilitate their recovery by working taxonomists.

Inevitably a number of papers came to hand too late to be incorporated into the body of the text. Grassi's (1975a, b, 1976) introduction to Argentine bryophytes gives lists of species for the north-west of the country, while Mahu's (1979) paper presents a list of genera of Chilean mosses based on *Index muscorum*. The existence of an early paper by Porter (1900), dealing with Chilean mosses which is, as its author clearly states, a résumé of the appropriate parts of Cardot's (1900) preliminary account of the mosses collected by the Belgian Antarctic Expedition, has only recently come to the author's attention. Zander (1978) has proposed a number of new combinations in *Didymodon* and the relevant nomenclatural changes involving taxa treated here in *Barbula* and *Trichostomopsis* have been shown as footnotes in the text. This has also been done for Ochi (1977) and for his provisional revision of the genus *Bryum* in Antarctica (Ochi, 1979) in which some new synonyms are proposed. However, there is, as yet, no answer to the vexed question of the identity and synonymy of *Bryum antarcticum* Hook.f. et Wils.

Acanthocladium hom. illeg.

A. breviflagellosum Broth. (Brotherus, 1908) *nom. nud.*

Syn. *Heterophyllum breviflagellosum* C. Muell. (Mueller *in* Brotherus, 1908) *nom. nud.*

Distr. Southern South America (Hosseus, 1940).

Acaulon

A. lorentzii C. Muell.

Astomum lorentzii

A. vesiculosum C. Muell. (Mueller, 1888).

Syn. *Sphaerangium vesiculosum* (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1888; Paris, 1905*b*; Roth, 1911; Brotherus, 1924*a*; Kühnemann, 1938).

Achrohypnella

A. subnervis Herz.

Vesiculariopsis spirifolium

Achrophyllum

A. anomalum (Schwaegr.) H. Robinson (Robinson, 1974).

Syn. *Racopilum anomalum* Schwaegr. (Schwaegrichen, 1830).
Hookeria anomala (Schwaegr.) C. Muell. (Mueller, 1851*a*).
Pterygophyllum anomalum (Schwaegr.) Mitt. (Mitten, 1869).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1974, 1975).

Southern South America (Mitten, 1869; Mueller, 1885; Paris, 1905*b*; Cardot, 1905*a*, 1908*a*; Brotherus, 1925; Kühnemann, 1938; Welch, 1969).

A. dentatum (Hook. f. et Wils.) Vitt et Crosby (Vitt and Crosby, 1972).

Syn. *Hookeria dentata* Hook. f. et Wils. (Hooker and Wilson, 1844).
Pterygophyllum dentatum (Hook. f. et Wils.) Dix. (Dixon, 1912).
Hookeria denticulata Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1845) *hom. illeg.*
Pterygophyllum denticulatum Mitt. (Mitten, 1869) *nom. illeg.*
Hookeria nigella Hook. f. et Wils. (Hooker and Wilson *in* Wilson, 1854).
Pterygophyllum nigellum (Hook. f. et Wils.) Mitt. (Mitten, 1856).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1905*b*; Brotherus, 1924*b*, 1925; Bartram, 1959; Robinson, 1975).

Southern South America (Wilson and Hooker, 1847; Mueller, 1851*a*, 1885; Mitten, 1869; Jaeger, 1877; Paris, 1905*b*; Cardot, 1908*a*; Thériot, 1917*b*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Herzog, 1939, 1954).

Falkland Islands (Wilson and Hooker, 1847; Mueller, 1851*a*, 1885; Jaeger, 1877; Paris, 1905*b*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Welch, 1969).

A. tenuinerve (Broth.) H. Robinson (Robinson, 1974).

Syn. *Pterygophyllum tenuinerve* Broth. (Brotherus, 1924*b*).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Espinosa B., 1941; Bartram, 1959; Welch, 1969; Matteri, 1972; Robinson, 1974, 1975).
Southern South America (Matteri, 1972).

Acidodontium

A. kunthii Schwaegr.

Acidodontium megalocarpum

A. macropoma (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum macropoma* C. Muell. (Mueller, 1879*a*).
Brachymenium macropoma (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1894, 1903; Brotherus, 1903, 1924*a*; Kühnemann, 1938).

A. megalocarpum (Hook.) Ren. et Card. (Renauld and Cardot, 1892 [1893]).

Syn. *Bryum megalocarpum* Hook. (Hooker in Kunth, 1822).
Acidodontium kunthii Schwaegr. (Schwaegrichen, 1827a) *nom. illeg.*

Distr. Southern South America (Hornschuch, 1840; Herter, 1928, 1933a).

Acroceratium nom. nud.

A. auriculatum (Mont.) Mitt.

Acrocladium auriculatum

A. politum (Hook. f. et Wils.) Mitt.

Catagonium politum

A. sarmentosum (Wahlenb.) Mitt.

Calliergon sarmentosum

Acrocladiopsis

A. complanata Card.

Catagonium politum

A. myura Card.

Catagonium myurum

A. nitida (Hook. f. et Wils.) Card.

Catagonium nitidum

Acrocladium

A. auriculatum (Mont.) Mitt. (Mitten, 1869).

Syn. *Hypnum auriculatum* Mont. (Montagne, 1843).
Stereodon auriculatus (Mont.) Mitt. (Mitten, 1859).
Coelidium auriculatum (Mont.) Jaeg. (Jaeger, 1878).
Acroceratium auriculatum (Mont.) Mitt. (Mitten, 1883).
Lembophyllum auriculatum (Mont.) Par. (Paris, 1896).
Hypnum chlamydophyllum Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Acrocladium chlamydophyllum (Hook. f. et Wils.) C. Muell. et Broth. (Mueller and Brotherus, 1900).
Hypnum encalypratum Schimp. (Schimper in Ångström, 1872) *hom. illeg.*
Eurhynchium encalypratum Schimp. (Schimper in Jaeger, 1878) *nom. nud.*
Eurhynchium eucalypratum Schimp. ex Par. (Schimper ex Paris, 1895) *nom. nud.*
Hypnum eucalypratum Lindb. ex Card. (Lindberg ex Cardot, 1908a) *err.*
Plagiothecium magellanicum Schimp. (Schimper in Jaeger, 1878) *nom. nud.*

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Montagne, 1843, 1845b, 1850, 1856; Wilson and Hooker, 1847 (and as *Hypnum chlamydophyllum* fide Karczmarz, 1966); Mueller, 1851a, 1885, 1889; Sullivant, 1859 (as *Hypnum chlamydophyllum* fide Karczmarz, 1966); Mitten, 1869; Ångström, 1872; Jaeger, 1878; Bescherelle, 1889; Paris, 1896, 1905a; Neger, 1899; Cardot, 1900, 1901, 1905a, 1908a (and as *A. chlamydophyllum*), 1913a; Dusén, 1903a, 1905d; Spegazzini, 1922; Cardot and Brotherus, 1923; Herzog, 1923, 1939, 1940, 1954, 1957, 1960; Brotherus, 1925; Roivainen, 1934; Thériot, 1934b; Kühnemann, 1938; Andrews, 1949a; Bartram, 1952; Karczmarz, 1966; Seki, 1974).

A. chlamydophyllum (Hook. f. et Wils.) C. Muell. et Broth.

Acrocladium auriculatum

A. cuspidatum (Hedw.) Lindb.

Calliergonella cuspidata

A. morenoi (C. Muell.) Dus.

Pleurozium schreberi

A. phyllogonium Jaeg.

Catagonium politum* var. *phyllogonium

A. politum (Hook. f. et Wils.) Mitt.

Catagonium politum

A. sarmentosum (Wahlenb.) Richs. et Wall.

Calliergon sarmentosum

A. stramineum (Brid.) Richs. et Wall.

Calliergon stramineum

Acrocryphaea nom. illeg.

A. julacea (Mitt.) Jaeg. (Jaeger, 1876).

Syn. *Cryphaea julacea* Mitt. (Mitten, 1869).
Grimmia julacea Hornsch. (Hornschuch, 1840) *hom. illeg.*

Distr. Southern South America (Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).

Acroschisma

A. wilsonii (Hook. f.) Jaeg.

Andreaea wilsonii

Aloina

A. catillum (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula catillum* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1903; Kühnemann, 1938; Delgadillo, 1975).

A. cucullatifolia (C. Muell.) Broth.

Aloinella cucullatifolia

A. galeata (C. Muell.) Broth.

Aloinella galeata

A. recurvipatula (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula recurvipatula* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Brotherus, 1902, 1924a; Paris, 1903; Hosseus, 1935b, 1937; Kühnemann, 1938).

A. roseae (Williams) Delgadillo (Delgadillo, 1973).

Syn. *Pterygoneurum roseae* Williams (Williams, 1915).

Crossidium roseae (Williams) Bartr. (Bartram, 1942).

Distr. Southern South America (Bartram, 1942, 1943, 1952).

A. sedifolia (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula sedifolia* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1903; Kurtz, 1904; Hosseus, 1935b, 1937; Kühnemann, 1938).

Aloinella

A. cucullatifolia (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Barbula cucullatifolia* C. Muell. (Mueller, 1879a).

Aloina cucullatifolia (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1903; Kühnemann, 1938).

A. galeata (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Barbula galeata* C. Muell. (Mueller, 1879a).

Aloina galeata (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1903; Kühnemann, 1938).

Amblystegiella nom. illeg.

A. densissima (Card.) Broth. (Brotherus, 1908).

Syn. *Amblystegium densissimum* Card. (Cardot, 1900).

Distr. Antarctic, peninsula region (Cardot, 1900, 1901, 1908a; Paris, 1903; Brotherus, 1908, 1925; Robinson, 1972 (as *Platydictya densissima*)).

A. tenuifolia (Hedw.) Fleisch.

Rhynchostegium tenuifolium

Amblystegium

A. aduncum (Hedw.) De Not.

Drepanocladus aduncus

ssp. *orthothecioides* (Lindb.) Lindb.

Drepanocladus uncinatus* var. *subjulaceus

var. *plumosum* (Schimp.) Hult

Drepanocladus uncinatus

A. austro-fluviatile (C. Muell.) Kindb.

Hygroamblystegium austro-fluviatile

A. austro-riparium Broth. (Brotherus in Kurtz, 1904) *nom. nud.*

Distr. Southern South America (Kurtz, 1904; Hosseus, 1936; Kühnemann, 1938).

A. austro-serpens (C. Muell.) Kindb.

Haplocladium microphyllum

A. brachiatum (Mitt.) Broth.

Drepanocladus brachiatus

- A. brachypelmatum* C. Muell.
A. campicola (C. Muell.) Kindb.
A. chilense Lor.
A. Clarazii (Dub.) Jaeg.
A. densissimum Card.
A. duseunii Broth. (Brotherus *in* Paris, 1906) *nom. nud.*
Distr. Southern South America (Paris, 1906).
A. exannulatum (B.S.G.) De Not.
A. excurrens Card. et Broth.
A. fluitans (Hedw.) De Not.
 ssp. *exannulatum* (B.S.G.) Arn. et C. Jens.
 var. *exannulatum* (B.S.G.) Lindb.
 var. *falcifolium* (Ren.) Arn. et C. Jens.
A. fuegianum Mitt.
A. intermedium Lindb. var. *revolvens* (Sw.) Vent. et Bott.
A. jaffuelii Thér.
A. kneiffii B.S.G. var. *polycarpum* (Voit) Braithw.
A. kochii B.S.G.
A. longifolium Mitt.
A. lucidum (Hook. f. et Wils.) Jaeg.
A. megachaete Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a).
A. orthocarpus Broth. (Brotherus *in* Kurtz, 1904) *nom. nud.*
Distr. Southern South America (Kurtz, 1904; Hosseus, 1936, 1937; Kühnemann, 1938).
A. orthothecioides (Lindb.) Lindb. ex Par.
A. philonotis Dus. (Dusén *in* Paris, 1906) *nom. nud.*
Distr. Southern America (Paris, 1906; Dixon, 1929b).
A. polycarpum (Voit) Vent. et Bott.
A. polygamum B.S.G.
A. pulchellum C. Muell.
A. radicale (P. Beauv.) Mitt.
A. revolvens (Sw.) De Not.
A. riparium (Hedw.) B.S.G. ssp. *kochii* (B.S.G.) Ren. et Card.
 var. *kochii* (B.S.G.) Buyss.
A. rivulare (C. Muell.) Broth. (Brotherus, 1908) *hom. illeg.*
Syn. *Dimerodontium rivulare* C. Muell. (Mueller, 1897a).
Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1908, 1925; Fleischer, 1920; Kühnemann, 1938).
A. sarmentosum (Wahlenb.) De Not.
Calliergon sarmentosum
A. serpens (Hedw.) B.S.G. (Bruch and others, 1853).
Syn. *Hypnum serpens* Hedw. (Hedwig, 1801).
Hypnum oligorrhizon Guemb. (Guembel *in* Austin, 1877) *nom. nud.*
Distr. Juan Fernandez (Robinson, 1975).
 Southern South America (Gibert, 1873; Roivainen, 1934; Piovano, 1954).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
- Leptodictyum brachypelmatum***
Leptodictyum campicola
Hygroamblystegium chilense
Helicodontium clarazii
Amblystegiella densissima
- Drepanocladus exannulatus***
Hygroamblystegium fuegianum* var. *excurrens
Drepanocladus fluitans
Drepanocladus exannulatus
Drepanocladus exannulatus
Drepanocladus fluitans
Drepanocladus fuegianus
Drepanocladus revolvens
- Leptodictyum riparium* var. *jaffuelii***
Drepanocladus aduncus* var. *polycarpus
Leptodictyum kochii
Drepanocladus brachiatus
Plagiothecium lucidum
- Drepanocladus uncinatus* var. *subjulaceus***
- Drepanocladus aduncus* var. *polycarpus***
Campylium polygamum
Amblystegium varium
Campylium radicale
Drepanocladus revolvens
Leptodictyum kochii
Leptodictyum kochii

A. sparsifolium (Hamp.) Jaeg. (Jaeger in Jaeger and Sauerbeck, 1879a).

Syn. *Hypnum sparsifolium* Hamp. (Hampe, 1870).

Distr. Southern South America (Felippone, 1928; Herter, 1933a).

A. stramineum (Brid.) De Not.

Calliergon stramineum

A. subvarium Broth. (Brotherus, 1906a).

Distr. Antarctic, peninsula region (Darbshire, 1923; Greene, 1968a).

A. tenellum Card. et Broth.

Hygroamblystegium tenellum

A. trichopodium (Schultz) Hartm. ssp. *kochii* (B.S.G.) Loesk.

Leptodictyum kochii

var. *kochii* (B.S.G.) Lindb.

Leptodictyum kochii

A. uncinatum (Hedw.) De Not.

Drepanocladus uncinatus

var. *orthothecioides* (Lindb.) C. Jens.

Drepanocladus uncinatus* var. *subjulaceus

var. *plumosum* (Schimp.) Moell.

Drepanocladus uncinatus

var. *subjulaceum* (B.S.G.) C. Jens.

Drepanocladus uncinatus* var. *subjulaceus

var. *symmetricum* (Ren. et Card.) Dus.

Drepanocladus uncinatus* var. *symmetricus

A. varium (Hedw.) Lindb. (Lindberg, 1879).

Syn. *Leskea varia* Hedw. (Hedwig, 1801).

Hypnum varium (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).

Stereodon varius (Hedw.) Mitt. (Mitten, 1864).

Rigodium varium (Hedw.) Kindb. (Kindberg, 1883).

Amblystegium pulchellum C. Muell. (Mueller in Ule, 1899) *nom. nud.*

Hygroamblystegium varium (Hedw.) Moenk. (Mönkemeyer, 1911).

Distr. Southern South America (Williams, 1930).

var. *patagonicum* Card.

Drepanocladus aduncus* var. *polycarpus

Amphidium

A. cyathicarpum (Mont.) Broth.

Amphidium tortuosum

A. tortuosum (Hornsch.) H. Robinson (Robinson, 1975).

Syn. *Syrhropodon tortuosus* Hornsch. (Hornschuch, 1841).

Zygodon cyathicarpus Mont. (Montagne, 1845a).

Didymodon cyathicarpus (Mont.) Mitt. (Mitten, 1860).

Rhabdoweisia cyathicarpa (Mont.) Mitt. (Mitten, 1869).

Amphoridium cyathicarpum (Mont.) Jaeg. (Jaeger, 1874).

Oncophorus cyathicarpus (Mont.) Mitt. (Mitten, 1885).

Amphidium cyathicarpum (Mont.) Broth. (Brotherus, 1902).

Weisia sphaerothecia C. Muell. (Mueller, 1882).

Rhabdoweisia sphaerothecia (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1900a, 1903; Skottsberg, 1914;

Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849, 1882; Jaeger,

1874; Brotherus, 1902, 1924a; Dusén, 1903a; Paris, 1903; Cardot, 1908a; Thériot,

1917b, 1921a; Costes, 1921; Kühnemann, 1938; Herzog, 1939; Lawton, 1961; Seki,

1974).
South Georgia (Cardot and Brotherus, 1923; Steere, 1961b).

Amphoridium hom. illeg.

A. cyathicarpum (Mont.) Jaeg.

Amphidium tortuosum

Amphoritheca

A. bonplandii (Hook.) Jaeg.

Funaria bonplandii

A. clavellata (Mitt.) Jaeg.

Funaria clavellata

A. papillosa (C. Muell.) Kindb.

Funaria papillosa

Anacalypta

- A. brunnea* (C. Muell.) Kindb.
A. glauco-viridis C. Muell.
A. gracillima (C. Muell.) C. Muell.
A. gymna (C. Muell.) Kindb.
A. imperfecta (C. Muell.) Kindb.
A. microthecium C. Muell.
A. nuda (C. Muell.) Kindb.
A. spathulato-linearis (C. Muell.) Kindb.

- Didymodon brunneus*
Didymodon glauco-viridis
Trichostomum gracillimum
Didymodon gymnus
Barbula imperfecta
Didymodon microthecius
Didymodon brunneus
Didymodon spathulato-linearis

Anacolia

- A. aurea* Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a).
A. auricolor Dus.

Breutelia integrifolia***A. laevisphaera*** (Tayl.) Flow. (Flowers, 1935).

- Syn.* *Glyphocarpa laevisphaera* Tayl. (Taylor, 1846).
Bartramia laevisphaera (Tayl.) C. Muell. (Mueller, 1849).
Glyphocarpus laevisphaerus (Tayl.) Jaeg. (Jaeger, 1875).
Bartramia subsessilis Tayl. (Taylor, 1847).
Anacolia subsessilis (Tayl.) Broth. (Brotherus, 1904).
Anacolia subsessilis (Tayl.) Broth. var. *brevifolia* Broth. (Brotherus, 1924b).

- Distr.* Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Flowers, 1952; Bartram, 1959; Robinson, 1975).
 Southern South America (Thériot, 1936; Hosseus, 1938c, d, 1939; Flowers, 1952; Herzog, 1960).

- A. subsessilis* (Tayl.) Broth.
 var. *brevifolia* Broth.

Anacolia laevisphaera
Anacolia laevisphaera

Ancistrodes***A. genuflexa*** (C. Muell.) Crosby (Crosby, 1976).

- Syn.* *Pilotrichum genuflexum* C. Muell. (Mueller, 1844b [1845]).
Meteorium genuflexum (C. Muell.) Mitt. (Mitten, 1869).
Duseniella genuflexa (C. Muell.) Broth. (Brotherus, 1906b).
Bryodusenaria genuflexa (C. Muell.) H. Robinson (Robinson, 1974).
Hookeria ancistrodes Mont. (Montagne, 1845a).
Pilotrichum ancistrodes (Mont.) Lor. (Lorentz, 1866).
Meteorium ancistrodes (Mont.) Par. (Paris, 1896) *hom. illeg.*

- Distr.* Southern South America (Mueller, 1844b, 1850; Montagne, 1845a, 1850, 1856; Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Paris, 1897, 1900a, 1905a; Brotherus, 1906b, 1925; Cardot, 1908a; Herzog, 1923, 1939, 1954, 1960; Reimers, 1926; Thériot, 1934b; Kühnemann, 1938; Seki, 1974).

Andreaea***A. acuminata*** Mitt. (Mitten *in* Wilson, 1859).

- Syn.* *Andreaea opaca* Card. ex Roth (Cardot ex Roth, 1911) *fide* Greene, 1968b.
Distr. South Georgia (Roth, 1911, 1913; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Greene, 1968b).

A. acutifolia Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

- Distr.* Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Mitten, 1869; Jaeger, 1870; Bescherelle, 1889; Dusén, 1903a; Paris, 1903; Cardot, 1905a, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Seki, 1974).

Falkland Islands (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Jaeger, 1870; Paris, 1903; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

var. rufescens Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1847).

Distr. Southern South America (Wilson and Hooker, 1847).

A. alpina Hedw. (Hedwig, 1801).

Syn. *Andreaea squamata* C. Muell. (Mueller, 1884 [1883]) *fide* Greene, 1968a.

Andreaea loricata Dus. (Dusén, 1903b).

Andreaea brevifolia Dus. (Dusén, 1903b) *fide* Roivainen and Bartram, 1937.

Andreaea parallela C. Muell. var. *brevifolia* (Dus.) Card. (Cardot, 1908a)

fide Roivainen and Bartram, 1937.

Andreaea lanceolata Dus. ex Roth. (Roth, 1910) *hom. illeg.*

Andreaea ruficaulis Dus. (Dusén *in* Roivainen and Bartram, 1937) *nom. nud.*

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Wilson and Hooker, 1847; Sullivant, 1859; Mitten, 1969; Jaeger, 1870; Dusén, 1903a, b; Paris, 1906; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Greene, 1968b; Seki, 1974).

Falkland Islands (Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Greene, 1968b).

South Georgia (Cardot, 1906a, 1908a; Roth, 1910; Steere, 1961b (and as *A. regularis* var. *brevifolia*); Greene, 1968a, b).

A. appendiculata B.S.G. (Bruch and others, 1855).

Distr. Southern South America (Wilson and Hooker, 1847 (as *A. rupestris* L.); Bruch and others, 1855; Mueller, 1864, 1885; Mitten, 1869; Jaeger, 1870; Dusén, 1903a; Paris, 1903; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

A. arachnoidea C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1903; Roth, 1910; Brotherus, 1924a; Kühnemann, 1938).

A. brevifolia Dus.

Andreaea alpina

A. depressinervis Card. (Cardot, 1900).

Syn. *Andreaea depressinervis* Card. var. *compacta* Card. (Cardot, 1901) *fide* Greene, 1968b.

Distr. South Georgia (Greene, 1968b; Schultze-Motel, 1970).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, 1907c, 1908a, 1911b, c, d, 1912b, 1913a; Paris, 1903; Wright, 1905 (as *Andreaea* sp.); Roth, 1910; Dixon, 1935; Steere, 1961a; Greene, 1968b; Greene and others, 1970; Robinson, 1972).

var. *compacta* Card.

Andreaea depressinervis

A. flabellata C. Muell. (Mueller, 1884 [1883]).

Syn. *Andreaea grimmoides* Dus. (Dusén, 1903b) *fide* Greene, 1968b.

Andreaea pumila Card. (Cardot, 1906a) *fide* Greene, 1968b.

Distr. Southern South America (Dusén, 1903b; Cardot, 1905a, 1908a; Roth, 1910; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1954; Greene, 1968b).

Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938; Greene, 1968b).

South Georgia (Cardot, 1906a, 1908a; Roth, 1910; Brotherus, 1924a; Steere, 1961b; Greene, 1968b).

A. fragilis C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1903; Roth, 1910; Kühnemann, 1938).

A. fuegiana (Card.) S.W. Greene (Greene, 1972 [1973]).

Syn. *Neuroloma fuegiana* Card. (Cardot, 1911a) *hom. illeg. non Neuroloma* Cand.

Distr. Southern South America (Cardot, 1911a; Roth, 1913; Cardot and Brotherus, 1923, Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Seki, 1974). South Georgia (Greene, 1968b, 1972).

A. gainii Card. (Cardot, 1911b).

Distr. South Georgia (Greene, 1968b).

Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Roth, 1913; Brotherus, 1924a; Bartram, 1957 (as *A. rupestris* forma *fide* Greene, 1968b); Steere, 1961a; Greene, 1968b; Greene and others, 1970; Robinson, 1972).

var. *parallela* (C. Muell.) S.W. Greene

Andreaea parallela

A. grimmioides Dus.

Andreaea flabellata

A. heterophylla Card.

Andreaea regularis

A. hookeri Schimp. (Schimper *in* Bruch and others, 1855).

Distr. Southern South America (Bruch and others, 1855).

A. lanceolata Dus. *ex* Roth.

Andreaea alpina

A. latinervis Bartr. (Bartram *in* Roivainen and Bartram, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937).

A. laxifolia Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Distr. Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Mitten, 1869; Jaeger, 1870; Dusén, 1903a; Paris, 1903; Cardot, 1908a; Roth, 1910; Brotherus, 1924a).

var. *minor* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Distr. Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Paris, 1903; Cardot, 1908a).

A. leiophylla Card. *ex* Roth (Cardot *ex* Roth, 1913).

Distr. Southern South America (Roth, 1913; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938).

A. liliputana C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

A. lorentziana C. Muell. (Mueller, 1879a).

Syn. *Andreaea lorentzii* C. Muell. *ex* Kindb. (Kindberg, 1889) *nom. illeg.*

Distr. Southern South America (Mueller, 1879a; Paris, 1903; Roth, 1910; Brotherus, 1924a; Kühnemann, 1938).

A. lorentzii C. Muell. *ex* Kindb.

Andreaea lorentziana

A. loricata Dus.

Andreaea alpina

A. marginata Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Distr. Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Mitten, 1869; Jaeger, 1870; Dusén, 1903a, b; Paris, 1903; Cardot, 1908a; Roth, 1910; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

A. mutabilis Hook. f. et Wils.

Andreaea rupestris

var. *microphylla* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *subsecunda* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Distr. Falkland Islands (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Paris, 1903; Cardot, 1908a; Kühnemann, 1938).

var. uncinata Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Distr. Falkland Islands (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Paris, 1903; Cardot, 1908a; Kühnemann, 1938).

A. opaca Card. ex Roth

Andreaea acuminata

A. pachyphylla (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Grimmia pachyphylla* C. Muell. (Mueller, 1885).

Andreaea pachyphylla (C. Muell.) Broth. var. *acutifolia* Dus. (Dusén, 1903b) *fide* Schultze-Motel, 1970.

Distr. Southern South America (Mueller, 1885; Brotherus, 1901, 1924a; Dusén, 1903a, b; Paris, 1903; Cardot, 1908a; Roth, 1910; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1954; Schultze-Motel, 1970; Seki, 1974).

var. *acutifolia* Dus.

Andreaea pachyphylla

A. parallela C. Muell. (Mueller, 1884 [1883]).

Syn. *Andreaea gainii* Card. var. *parallela* (C. Muell.) S.W. Greene (Greene, 1968b) *hom. illeg.*

Distr. South Georgia (Cardot, 1906a, 1908a; Roth, 1910; Steere, 1961b; Greene, 1968b). Antarctic, peninsula region (Greene and others, 1970).

var. *brevifolia* (Dus.) Card. (Cardot, 1908a).

Andreaea alpina

A. patagonica Dus. (Dusén, 1903b).

Andreaea alpina

Distr. Southern South America (Dusén, 1903b; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

A. perichaetialis (Hook. f. et Wils.) Jaeg.

Andreaea subulata

A. petrophila Fuernr.

Andreaea rupestris

A. pilifera Herz. et Thér. (Herzog and Thériot *in* Herzog, 1937).

Distr. Southern South America (Herzog, 1937).

A. pseudo-alpina C. Muell. (Mueller, 1859).

Distr. Southern South America (Mueller, 1859, 1885; Jaeger, 1870; Dusén, 1903a, b; Paris, 1903; Cardot, 1908a; Roth, 1910; Brotherus, 1924a).

A. pseudomutabilis Dus. (Dusén, 1903b).

Distr. Southern South America (Dusén, 1903b; Cardot, 1908a; Roth, 1910; Brotherus, 1924a).

A. pseudo-subulata C. Muell.

Andreaea subulata

A. pulvinatula Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

A. pumila Card.

Andreaea flabellata

A. purpurascens (Dus.) Roth (Roth, 1910).

Syn. *Andreaea remotifolia* Dus. var. *purpurascens* Dus. (Dusén, 1903b).

Distr. Southern South America (Dusén, 1903a, b; Cardot, 1908a; Roth, 1910; Brotherus, 1924a).

A. pycnotyla Card.

Andreaea regularis

A. pygmaea Card.

Andreaea regularis

A. regularis C. Muell. (Mueller, 1890a).

Syn. *Andreaea pycnotyla* Card. (Cardot, 1900) *fide* Greene, 1968b.

Andreaea regularis C. Muell. var. *pycnotyla* (Card.) Card. (Cardot, 1908a) *fide* Greene, 1968b.

Andreaea heterophylla Card. (Cardot, 1906a) *fide* Greene, 1968b.

Andreaea pygmaea Card. (Cardot, 1900) *fide* Greene, 1968b.

Andreaea verruculosa Card. (Cardot, 1905a) *fide* Greene, 1968b.

Andreaea viridis C. Muell. (Mueller, 1890a) *fide* Greene, 1968b.

Andreaea willii C. Muell. (Mueller, 1890a) *fide* Greene, 1968b.

- Distr.* Southern South America (Cardot, 1905a, 1908a (including *A. mutabilis* *fide* Greene, 1968b); Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937 (including *A. mutabilis* p.p. *fide* Greene, 1968b); Kühnemann, 1938; Bartram, 1952; Greene, 1968b; Seki, 1974).
Falkland Islands (Cardot and Brotherus, 1923 (as *A. mutabilis* *fide* Greene, 1968b); Greene, 1968b).
South Georgia (Mueller, 1890a; Paris, 1903; Cardot, 1906a, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Greene, 1968b).
Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, b, 1907a, c, 1908a, 1911b, d, 1913a; Paris, 1903; Roth, 1910; Brotherus, 1924a; Bartram, 1957 (as *A. rupestris* *fide* Greene, 1968b); Steere, 1961a (and as *A. rupestris* *fide* Greene, 1968b); Greene, 1968b; Greene and others, 1970; Robinson, 1972).

var. pycnotyla (Card.) Card.

Andreaea regularis

A. remotifolia Dus. (Dusén, 1903b).

- Distr.* Southern South America (Dusén, 1903b; Cardot, 1908a; Roth, 1910; Brotherus, 1924a).

var. purpurascens Dus.

Andreaea purpurascens

A. rothii Web. et Mohr (Weber et Mohr, 1807).

Syn. *Andreaea rupestris* A. Roth (Roth, 1802) *hom. illeg.*

- Distr.* Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

A. ruficaulis Dus.

Andreaea alpina

A. rupestris Hedw. (Hedwig, 1801).

Syn. *Andreaea mutabilis* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Andreaea petrophila Fuernr. (Führrohr, 1827).

- Distr.* Southern South America (Mueller, 1851a; Jaeger, 1870; Dusén, 1903a; Paris, 1903; Cardot, 1905a, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952).
Falkland Islands (Jaeger, 1870; Dusén, 1903a; Paris, 1903; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

A. rupestris A. Roth

Andreaea rothii

A. semi-squarrosa C. Muell. (Mueller, 1879a).

- Distr.* Southern South America (Mueller, 1879a; Paris, 1903; Roth, 1910; Brotherus, 1924a; Kühnemann, 1938).

A. squamata C. Muell.

Andreaea alpina

A. squarrosa Mitt. (Mitten, 1869).

- Distr.* Southern South America (Wilson and Hooker, 1847 (as *A. alpina* Hedw. var. 1 *fide* Mitten, 1879); Donat, 1936a; Herzog, 1954; Seki, 1974).

A. subremotifolia Dix. (Dixon, 1920).

- Distr.* South Georgia (Dixon, 1920; Greene, 1968b).

A. subulata Harv. (Harvey in Hooker, 1839).

Syn. *Andreaea subulata* Harv. var. *perichaetialis* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Andreaea subulata Harv. var. *rigida* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Andreaea pseudo-subulata C. Muell. (Mueller, 1864).

Andreaea perichaetialis (Hook. f. et Wils.) Jaeger (Jaeger, 1870) *hom. illeg.*

- Distr.* Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1864, 1885; Mitten, 1869; Jaeger, 1870; Dusén, 1903a, b; Paris, 1903; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Seki, 1974).
Falkland Islands (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Jaeger, 1870; Dusén, 1903a; Paris, 1903; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Kühnemann, 1938).

- var. *perichaetialis* Hook. f. et Wils. **Andreaea subulata**
 var. *rigida* Hook. f. et Wils. **Andreaea subulata**
- A. vaginalis** Herz. (Herzog *in* Donat, 1936a).
Distr. Southern South America (Donat, 1936a, b; Seki, 1974).
- A. vermicularis* Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a).
- A. verruculosa* Card. **Andreaea regularis**
A. viridis C. Muell. **Andreaea regularis**
A. willii C. Muell. **Andreaea regularis**
- A. wilsonii** Hook. f. (Hooker *in* Hooker, J.D. and Wilson, 1844).
Syn. *Acroschisma wilsonii* (Hook. f.) Jaeg. (Jaeger, 1870).
Distr. Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1870; Dusén, 1903a, b; Paris, 1903; Cardot, 1908a; Roth, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Herzog, 1954; Seki, 1974).
- Anictangium nom. rejic.*
- A. ciliatum* Hedw. **Hedwigia ciliata**
A. coronatum Hook. et Wils. **Erpodium coronatum**
A. humboldtii Hook. **Rhacocarpus purpurascens**
A. imberbe (Sm.) Hook. et Tayl. **Hedwigidium integrifolium**
- A. orthotrichoides** Gill. ex Grev. (Gillies ex Greville, 1830).
Distr. Southern South America (Greville, 1830).
- A. sessile* (Brid.) Grev. et Arnott **Pterygoneurum sessile**
- Anisothecium**
- A. capituligerum** (C. Muell.) Thér. (Thériot, 1934b [1935]).
Syn. *Aongstroemia capituligera* C. Muell. (Mueller, 1879a).
Dicranella capituligera (C. Muell.) Kindb. (Kindberg, 1889).
Dichodontium capituligerum (C. Muell.) Par. (Paris, 1900a).
Distr. Southern South America (Mueller, 1879a; Paris, 1895, 1900a, 1903; Brotherus, 1901, 1924a; Kurtz, 1904; Hosseus, 1935b, 1937; Kühnemann, 1938).
- A. elegans** (Dub.) Thér. (Thériot, 1934b [1935]).
Syn. *Dicranum elegans* Dub. (Duby, 1870).
Dichodontium elegans (Dub.) Jaeg. (Jaeger *in* Jaeger and Sauerbeck, 1879b).
Aongstroemia elegans (Dub.) Broth. (Brotherus, 1901).
Distr. Southern South America (Duby, 1870; Jaeger and Sauerbeck, 1879b; Brotherus, 1901, 1924a; Paris, 1903; Herzog, 1923, 1938; Thériot, 1934b).
- A. flexisetum* Dus. (Dusén *in* Herzog, 1938) *nom. nud.*
Distr. Southern South America (Herzog, 1938).
- A. hookeri* (C. Muell.) Broth. **Dicranella hookeri**
 var. **minus** Card. et Thér. (Cardot and Thériot *in* Thériot, 1929c [1930]).
Distr. Southern South America (Thériot, 1929c).
- A. jamesonii* Mitt. **Anisothecium vaginatum**
- A. krausei** (Lor.) Herz. (Herzog, 1939).
Syn. *Dicranella krausei* Lor. (Lorentz, 1866).
Dichodontium krausei (Lor.) Jaeg. (Jaeger, 1872).

Distr. Southern South America (Lorentz, 1866; Paris, 1904b; Herzog, 1939, 1954; Seki, 1974).

A. lorentzii (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Aongstroemia lorentzii* C. Muell. (Mueller, 1882).
Dicranella lorentzii (C. Muell.) Kindb. (Kindberg, 1889).
Dichodontium lorentzii (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1904b; Brotherus, 1901, 1924a; Kühnemann, 1938).

A. paludella (Besch.) Broth. (Brotherus, 1924a).

Syn. *Dichodontium paludella* Besch. (Bescherelle, 1885a).
Aongstroemia paludella (Besch.) C. Muell. (Mueller, 1901a [1900]).
Dicranella paludella (Besch.) Dus. (Dusén, 1905a).

Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1901a; Paris, 1904b; Dusén, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

A. perpusillum Dus.

Dicranella hookeri

A. persquarrosom (Dus.) Broth.

Dicranella cardotii

var. falklandicum (Card.) Wijk et Marg. (van der Wijk and Margadant, 1960b).

Syn. *Dichodontium dicranelloides* Card. var. *falklandicum* Card. (Cardot, 1905a).
Dichodontium persquarrosom (Dus.) Card. var. *falklandicum* (Card.) Card. (Cardot, 1908a).

Distr. Falkland Islands (Cardot, 1905a, 1908a).

A. pseudorufescens (Card. et Broth.) Broth. (Brotherus, 1924a).

Syn. *Dicranella pseudorufescens* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

var. leptocladius (Card. et Broth.) Kühn. (Kühnemann, 1938).

Syn. *Dicranella pseudorufescens* Card. et Broth. var. *leptoclada* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

A. rufipes (C. Muell.) Dus. (Dusén, 1903a).

Syn. *Aongstroemia rufipes* C. Muell. (Mueller, 1882).
Dicranella rufipes (C. Muell.) Kindb. (Kindberg, 1889).
Dichodontium rufipes (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1904b); Brotherus, 1901, 1924a; Dusén, 1903a; Kühnemann, 1938).

A. skottsbergii (Card. et Broth.) Broth. (Brotherus, 1924a).

Syn. *Dicranella skottsbergii* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954).

A. vaginatum (Hook.) Mitt. (Mitten, 1869).

Syn. *Dicranum vaginatum* Hook. (Hooker, 1816).
Aongstroemia vaginata (Hook.) C. Muell. (Mueller, 1851a).
Dichodontium vaginatum (Hook.) Jaeg. (Jaeger, 1872).
Dicranella vaginata (Hook.) Card. (Cardot, 1908a).
Dicranum jamesonii Tayl. (Taylor, 1847) *hom. illeg.*
Leptotrichum jamesonii Mitt. (Mitten, 1859).
Anisothecium jamesonii Mitt. (Mitten, 1869).
Dichodontium jamesonii (Mitt.) Jaeg. (Jaeger, 1872).
Aongstroemia jamesonii (Mitt.) C. Muell. (Mueller, 1901a [1900]).
Dicranella jamesonii (Mitt.) Broth. (Brotherus, 1901).

Distr. Southern South America (Montagne, 1839*b* (as *Dicranum vaginatum* Hook. ?); Wilson and Hooker, 1847; Mitten, 1869; Jaeger, 1872; Brotherus, 1901, 1924*a*; Paris, 1904*b*; Dusén, 1905*a*; Thériot, 1934*b*; Hosseus, 1938*c, d*, 1939; Herzog, 1938, 1939, 1940, 1954, 1960 (as *Anisodontium jamesonii* Tayl.)).

Anoetangium

A. acaule (Web. et Mohr) Roehl.

A. ciliatum (Hedw.) Roehl.

A. euchloron (Schwaegr.) Mitt.

A. excelsum (C. Muell.) Kindb.

A. fernandezianum Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

A. humboldtii (Hook.) Brid.

var. *australe* Hook. f. et Wils.

A. integrifolium (P. Beauv.) Schwaegr.

A. laxifolium Par.

A. lechlerianum Mitt.

var. *limbatulum* Bartr. (Bartram, 1936).

Distr. Southern South America (Bartram, 1936; Hosseus, 1938*c*, 1939).

A. lineare (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Zygodon linearis* C. Muell. (Mueller, 1879*a*).

Anoetangium mandonianum (C. Muell.) Par. (Paris, 1894) *nom. inval.*

Zygodon mandonianus Schimp. ex C. Muell. (Schimper ex Mueller, 1897*b*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1894, 1903; Brotherus, 1924*a*; Hosseus, 1938*d*; Kühnemann, 1938).

A. mandonianum (C. Muell.) Par.

A. patagonicum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923).

A. sendtnerianum B.S.G.

A. subsessile (Brid.) Spreng.

A. tenerrimum C. Muell.

Anomobryum

A. brachymeniopsis (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum brachymeniopsis* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1903; Brotherus, 1903, 1924*a*; Kühnemann, 1938).

A. conicum (Hornsch.) Broth. (Brotherus, 1903).

Syn. *Bryum conicum* Hornsch. (Hornschuch, 1840).

Distr. Southern South America (Felippone, 1909; Herter, 1933*a*).

A. cygnicollum (C. Muell.) Jaeg. (Jaeger, 1875).

Syn. *Bryum cygnicollum* C. Muell. (Mueller, 1858).

Mielichhoferia cygnicolla Hamp. (Hampe *in* Mueller, 1858) *nom. nud.*

Climacodontium cygnicollum (C. Muell.) Hamp. (Hampe *in* Jaeger and Sauerbeck, 1879*b*) *comb. inval.*

Bryum climacodontium Par. (Paris, 1894) *nom. illeg.*

Distr. Southern South America (Mueller, 1858; Paris, 1894, 1904*a*).

Pterygoneurum subsessile

Hedwigia ciliata

Gymnostomum aestivum

Molendoa sendtneriana

Rhacocarpus purpurascens

Rhacocarpus purpurascens

Hedwigidium integrifolium

Gymnostomum tenerrimum

Molendoa sendtneriana

Anoetangium lineare

Molendoa sendtneriana

Pterygoneurum subsessile

Gymnostomum tenerrimum

A. felipponei Thér. (Thériot *in* Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

A. filiforme (Dicks.) Husn. (Husnot, 1888) *hom. illeg.*

Syn. *Bryum filiforme* Dicks. (Dickson, 1801).

Pohlia filiformis (Dicks.) Andrews (Andrews, 1935).

Bryum julaceum Schrad. ex Gaertn., Meyer et Scherb. (Schrader *in* Gärtner and others, 1802).

Distr. Southern South America (Montagne, 1850; Mitten, 1869; Gibert, 1873; Paris, 1903; Campo, 1921; Cardot and Brotherus, 1923; Brotherus, 1924c; Herter, 1928, 1933a, b, 1943; Kühnemann, 1938; Herzog, 1938, 1939, 1954; Espinosa B., 1941; Seki, 1974).

A. laxirete Card. et Broth. (Cardot et Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

A. semireticulatum (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum semi-reticulatum* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1903; Brotherus, 1903, 1924a; Hosseus, 1938c, d, 1939; Kühnemann, 1938).

A. terminale (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum terminale* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1903; Brotherus, 1903, 1924a; Hosseus, 1938c, d, 1939; Kühnemann, 1938).

Anomodon

A. curtispendus (Hedw.) Hook. et Tayl.

A. pellicola C. Muell.

A. pellicula C. Muell.

A. toccocae Sull. et Lesq.

Antitrichia curtispendus

Leskea pellicula

Leskea pellicula

Herpetineuron toccocae

Antitrichia

A. curtispendus (Hedw.) Brid. (Bridel, 1819).

Syn. *Neckera curtispendus* Hedw. (Hedwig, 1801).

Hypnum curtispendum (Hedw.) L. ex With. (Linnaeus ex Withering, 1801).

Anomodon curtispendus (Hedw.) Hook. et Tayl. (Hooker and Taylor, 1818).

Cyrtopus curtispendus Hedw. Spruc. (Spruce, 1849).

Haptymenium curtispendum (Hedw.) Fuernr. (Fürnrohr, 1827).

Leucodon curtispendus (Hedw.) T. Jens. (Jensen, 1856).

Distr. Southern South America (Bridel, 1801b, 1817, 1827b; Paris, 1903).

Aongstroemia

A. argentinica C. Muell.

A. aulacocarpa (Mont.) C. Muell.

A. capituligera C. Muell.

A. elegans (Dub.) Broth.

A. euchlora (Mont.) C. Muell.

Dicranella argentinica

Dicranella aulacocarpa

Anisothecium capituligerum

Anisothecium elegans

Microdus euchlorus

A. gayana (Mont.) C. Muell. (Mueller, 1848a).

Syn. *Dicranum gayanum* Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Lorentz, 1866; Mitten, 1869; Jaeger, 1872; Brotherus, 1901, 1924a; Paris, 1903; Dusén, 1905a; Campo, 1921; Costes, 1921; Thériot, 1921a; Herzog, 1938, 1939, 1954; Seki, 1974).

A. hilariana (Mont.) C. Muell.

Dicranella hilariana

A. hookeri C. Muell.

A. jamesonii (Mitt.) C. Muell.

A. leiocarpa C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Syn. *Cynodontium leiocarpum* Lor. (Lorentz *in* Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

A. lorentzii C. Muell.

A. paludella (Besch.) C. Muell.

A. patagonica C. Muell.

A. persquarrosa Dus.

A. rufipes C. Muell.

A. subclathrata (Lor.) C. Muell.

A. tenuirostris (Schwaegr.) C. Muell.

A. vaginata (Hook.) C. Muell.

Dicranella hookeri

Anisothecium vaginatum

Anisothecium lorentzii

Anisothecium paludella

Dicranella patagonica

Dicranella cardotii

Anisothecium rufipes

Dicranella hookeri

Dicranella hilariana

Anisothecium vaginatum

Apalodium

A. australe (Hook. f. et Wils.) Mitt.

A. confine (Hamp.) Mitt.

A. lineare (Schwaegr.) Mitt.

A. pellucens (Hook.) Mitt.

A. tenue Mitt.

Orthodontium lineare

Orthodontium pellucens

Orthodontium lineare

Orthodontium pellucens

Pohlia humilis

Aptychella

A. chilensis Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954; Seki, 1974; Tixier, 1977).

Aptychus

A. ampullatus C. Muell. ex Par.

A. ampullulatus C. Muell.

A. aureo-viridis C. Muell.

A. catilliformis C. Muell.

A. cochleatulus C. Muell.

A. condensatulus C. Muell.

A. diaphanodictyus C. Muell.

A. grandicellulosus C. Muell.

A. laxo-alaris C. Muell.

A. macrocytus C. Muell.

A. micrangius C. Muell.

A. micropyxis C. Muell.

A. nano-cephalus C. Muell.

var. *subglauculus* C. Muell.

A. serifolius C. Muell.

A. temperatus C. Muell.

A. tenerifolius C. Muell.

Sematophyllum ampullulatum

Sematophyllum ampullulatum

Sematophyllum aureo-viride

Sematophyllum bracteatum

Rhaphidostegium cochleatulum

Rhaphidostegium condensatulum

Rhaphidostegium diaphanodictyon

Sematophyllum grandicellulosum

Entodon laxo-alaris

Sematophyllum macrocytus

Sematophyllum micrangium

Trichosteleum micropyxidium

Sematophyllum nanocephalum

Sematophyllum nanocephalum var. *subglauculum*

Sematophyllum serifolium

Sematophyllum temperatum

Sematophyllum tenerifolium

Archidium

A. amplexicaule C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1903; Roth, 1911; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

var. *brevi-solonaceum* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1903; Roth, 1911).

A. *arechavaletae* C. Muell. (Mueller, 1888).

Distr. Southern South America (Mueller, 1888; Paris, 1903; Roth, 1911; Felippone, 1912; Brotherus, 1924a; Herter, 1933a).

A. *ephemeroides* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1903; Roth, 1911; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

A. *gibertii* Mitt. (Mitten, 1886).

Distr. Southern South America (Mitten, 1886; Paris, 1903; Roth, 1910; Brotherus, 1924a; Herter, 1933a).

A. *julaceum* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1903; Roth, 1911; Thériot, 1918, 1924; Campo, 1921; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

A. *lorentzii* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1903; Roth, 1911; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939; Herzog, 1952a).

Aschistodon *nom. rejic.*

A. conicus Mont.

Ditrichum conicum

Asteriscium *hom. illeg.*

A. australasiae (Hook. et Grev.) Hilp.

Trichostomopsis australasiae

A. curvipes (C. Muell.) Hilp.

Trichostomopsis curvipes

A. deciduum Hilp.

Barbula uruguensis

A. flavisetum Herz.

Trichostomopsis umbrosa

A. geniculatum (Mont.) Herz.

Barbula geniculata

A. graminicolor (C. Muell.) Hilp.

Barbula graminicolor

A. poeppigianum (C. Muell.) Hilp.

Trichostomopsis australasiae

A. riparium (C. Muell.) Hilp.

Barbula riparia

A. subtophaceum (Williams) Hilp.

Trichostomopsis australasiae

A. umbrosum (C. Muell.) Herz.

Trichostomopsis umbrosa

Astomiopsis

A. *amblyocalyx* C. Muell. (Mueller, 1882).

Syn. *Astomiopsis amblyocarpa* C. Muell. ex Par. (Mueller ex Paris, 1894) *nom. inval.*
Pleuridiopsis amblyocalyx (C. Muell.) Par. (Paris, 1897) *comb. inval.*

Distr. Southern South America (Mueller, 1882; Paris, 1897, 1905b; Brotherus, 1924a; Kühnemann, 1938).

A. amblyocarpa C. Muell. ex Par.

Astomiopsis amblyocalyx

A. *pacifica* Buck et Landrum (Buck and Landrum, 1977).

Distr. Juan Fernandez (Buck and Landrum, 1977).

A. *subulata* C. Muell. (Mueller, 1882).

Syn. *Pleuridiopsis subulata* (C. Muell.) Par. (Paris, 1897) *comb. inval.*

Distr. Southern South America (Mueller, 1882; Paris, 1897, 1905*b*; Brotherus, 1924*a*; Kühnemann, 1938).

Astomum

A. chilense Williams

Tetrapterum recurvirostre

A. fruchartii (C. Muell.) Broth. (Brotherus, 1900).

Syn. *Phascum fruchartii* C. Muell. (Mueller, 1888).
Systegium fruchartii (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1888; Paris, 1905*b*; Roth, 1911; Felippone, 1912; Brotherus, 1924*a*; Herter, 1933*a*, 1943).

A. lorentzii (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Acaulon lorentzii* C. Muell. (Mueller, 1882).
Sphaerangium lorentzii (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1882; Paris, 1897, 1905*b*; Brotherus, 1901, 1924*a*; Roth, 1911, 1914; Herter, 1933*a*; Kühnemann, 1938; Hosseus, 1939).

A. nervosum (Hook.) C. Muell.

Pleuridium nervosum

A. recurvirostre (C. Muell.) Roth

Tetrapterum recurvirostre

A. robinsonii (Mont.) C. Muell.

Pleuridium robinsonii

A. subnervosum C. Muell.

Pleuridium subnervosum

Atractylocarpus

A. patagonicus Herz. et Thér. (Herzog and Thériot *in* Herzog and others, 1933).

Distr. Southern South America (Herzog and others, 1933).

Atrichopsis

A. compressa (Hook. f. et Wils.) G.L. Smith (Smith, 1969*a*).

Syn. *Polytrichum compressum* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).
Catharinea compressa (Hook. f. et Wils.) C. Muell. (Mueller, 1848*a*).
Psilopilum compressum (Hook. f. et Wils.) Mitt. (Mitten, 1869).
Oligotrichum compressum (Hook. f. et Wils.) Kindb. (Kindberg, 1888).
Atrichopsis magellanica Card. (Cardot, 1912*a*) *vide* Smith, 1969*a*.

Distr. Southern South America (Hooker, J.D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848*a*, 1885; Mitten, 1869; Jaeger, 1875; Paris, 1905*b*; Cardot, 1908*a*, 1912*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Herzog, 1939; Smith, 1969*a*).

Falkland Islands (Cardot, 1912*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Smith, 1969*a*).

A. magellanica Card.

Atrichopsis compressa

Atrichum

A. planifolium (C. Muell.) Jaeg.

Atrichum polycarpum

A. polycarpum (C. Muell.) Mitt. (Mitten, 1869).

Syn. *Catharinea polycarpa* C. Muell. (Mueller, 1851*a*).
Catharinea planifolia C. Muell. (Mueller *in* Lorentz, 1868).
Atrichum planifolium (C. Muell.) Jaeg. (Jaeger, 1875).

Distr. Southern South America (Lorentz, 1868; Jaeger, 1875; Frye and Duckering, 1948).

A. rigidum Lor.

Oligotrichum rigidum

Aulacomnium

A. chilense C. Muell.

Rhizogonium mnioides

A. gaudichaudii (Schwaegr.) Mitt.

Leptotheca gaudichaudii

A. palustre (Hedw.) Schwaegr. (Schwaegrichen, 1827b).

Syn. *Mnium palustre* Hedw. (Hedwig, 1801).

Bryum palustre (Hedw.) Gaertn., Meyer et Scherb. (Gärtner and others, 1802) *hom. illeg.*

Hypnum palustre (Hedw.) Web. et Mohr (Weber and Mohr, 1803) *hom. illeg.*

Bartramia palustris (Hedw.) P. Beauv. (Palisot de Beauvois, 1805b).

Orthopyxis palustris (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).

Gymnocybe palustris (Hedw.) Fries (Fries, 1825).

Limnobryum palustre (Hedw.) Rabenh. (Rabenhorst, 1863).

Sphaerocephalus palustris (Hedw.) Lindb. (Lindberg, 1879).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938; Herzog, 1957).

A. pentastichum Mont.

Zygodon pentastichus

Aulacopilum

A. glaucum Wils. (Wilson, 1848).

Syn. *Aulacopilum intermedium* Broth. (Brotherus, 1918) *fide* Crum, 1972.

Distr. Southern South America (Brotherus, 1918, 1925; Kühnemann, 1938; Crum, 1972).

A. intermedium Broth.

Aulacopilum glaucum

Barbula

B. aculeonervis C. Muell.

Tortula aculeonervis

B. aestiva (Hedw.) Schultz

Tortula muralis var. *aestiva*

B. alpicola C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

B. amblyophylla (Hook.) Jaeg.

Didymodon amblyophyllus

B. amphidiifolia C. Muell.

Tortula amphidiifolia

B. anacamptophylla C. Muell.

Tortula leptosyntrichia

B. anastomosans C. Muell. (Mueller, 1879a).

Syn. *Barbula anostomosans* Par. (Paris, 1894) *err.*

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904a; Brotherus, 1918, 1924a; Kühnemann, 1938).

B. anderssonii (Aongstr.) Jaeg.

Tortula anderssonii

B. annullus C. Muell.

Tortula muralis

B. anostomosans Par.

Barbula anastomosans

B. antarctica Hamp.

Tortula princeps

B. apoclada Par.

Barbula perrevoluta

B. appressa (Mitt.) Jaeg.

Tortula appressa

B. arechavaleta C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. arenae Besch.

Tortula arenae

B. arenicola Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Brotherus, 1924a; Kühnemann, 1938).

B. argentinica Par.

Didymodon argentinicus

B. atrovirens (Sm.) Schimp.

Desmatodon convolutus

B. australasiae (Hook. et Grev.) Brid.

Trichostomopsis australasiae

B. australis Par.

Tortula fuegiana

B. austrogracilis Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Brotherus, 1924a).

B. berteriana C. Muell.

Tortula muralis

B. berteroi C. Muell. ex Kindb.

Tortula muralis

B. brachychaete Dus.

Tortula brachychaete

B. breviseta (Mont.) C. Muell.

Tortula breviseta

B. brunnea (C. Muell.) Broth.

Didymodon brunneus

B. byrdii Bartr. (Bartram, 1938).

Distr. Antarctic, continental region (Bartram, 1938, 1957; Steere, 1961a).

B. caespitosa Schwaegr.

Tortella humilis

B. calycina Schwaegr.

Tortella calycina

B. calyculosa (Mitt.) Jaeg. (Jaeger, 1873).

Syn. *Tortula calyculosa* Mitt. (Mitten, 1869).

Distr. Southern South America (Herzog, 1954).

B. cardotii Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b, 1906; Brotherus, 1924a; Kühnemann, 1938).

B. catillum C. Muell.

Aloina catillum

B. cavifolia Schimp.

Pterygoneurum ovatum

B. characodonta C. Muell.

Tortula characodonta

B. chilenspilifera C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. chrysopila C. Muell.

Tortula chrysopila

B. conotricha C. Muell.

Tortula anderssonii

var. *fagicola* C. Muell.

Tortula anderssonii var. *fagicola*

B. contorta Hamp. ex C. Muell.

Tortula contorta

B. costessii Thér. (Thériot, 1921a).

Distr. Southern South America (Thériot, 1921a; Costes, 1921; Brotherus, 1924a).

B. crinita Schultz

Tortula pilifera

B. crispatula C. Muell. ex Par.

Calyptopogon mnioides

B. cucullatifolia C. Muell.

Aloinella cucullatifolia

B. curvipes C. Muell.

Trichostomopsis curvipes

B. curvirostris Lindb.

Hymenostylium recurvirostre

B. decidua C. Muell.

Barbula uruguensis

B. declivium C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. densifolia Hook. f. et Wils.

Tortula densifolia

B. depressa Sull.

Tortula pilifera

var. *denticulata* (Dus.) Thér.

Tortula pilifera var. *denticulata*

var. *gracilis* (Dus.) Thér.

Tortula pilifera var. *gracilis*

var. *oliviensis* (Card.) Thér.

Tortula pilifera var. *oliviensis*

B. dioica (R. Brown ter.) Par.

Tortula robusta

- B. filaris* C. Muell. ***Tortula filaris***
B. flagellaris Schimp. ***Tortula flagellaris***
 var. *denticulata* Dus. ***Tortula pilifera* var. *denticulata***
 var. *gracilis* Dus. ***Tortula pilifera* var. *gracilis***
B. flavido-pilosa Dus. ***Tortula flavido-pilosa***
B. flaviseta (Herz.) Wijk et Marg. ***Trichostomopsis umbrosa***
B. fontana C. Muell. ***Tortula fontana***
B. fuegiana (Mitt.) Jaeg. ***Tortula fuegiana***
- B. fusca*** C. Muell. (Mueller, 1849).
 Syn. *Tortula fusca* (C. Muell.) Mont. (Montagne, 1850).
 Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1904a; Dusén, 1906; Cardot, 1908a; Thériot, 1918, 1921a, 1928; Campo, 1921; Costes, 1921; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1938; Bartram, 1952; Seki, 1974).
- B. fuscinervia*** (Mitt.) Jaeg. (Jaeger, 1873).
 Syn. *Tortula fuscinervia* Mitt. (Mitten, 1869).
 Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1904a; Brotherus, 1924a, c; Skottsberg, 1950; Bartram, 1952; Herzog, 1954, 1960; Seki, 1974).
- B. fusco-viridis*** Broth. ex Thér. (Brotherus ex Thériot, 1921a).
 Distr. Southern South America (Paris, 1906; Campo, 1921; Thériot, 1921a).
- B. fuscula* C. Muell. ***Erythrophylopsis fuscula***
B. galeata C. Muell. ***Aloinella galeata***
- B. geniculata*** (Mont.) C. Muell. (Mueller, 1849).
 Syn. *Tortula geniculata* Mont. (Montagne, 1845a).
Asteriscium geniculatum (Mont.) Herz. (Herzog, 1938).
 Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1873; Paris, 1904a; Brotherus, 1924a; Herzog, 1938, 1954).
- B. glacialis* Kunz. ex C. Muell. ***Tortula glacialis***
- B. glaucula*** C. Muell. (Mueller, 1882).
 Distr. Southern South America (Mueller, 1882).
- B. graminicolor*** C. Muell. (Mueller, 1849).
 Syn. *Tortula graminicolor* (C. Muell.) Mont. (Montagne, 1850).
Asteriscium graminicolor (C. Muell.) Hilp. (Hilpert, 1933).
 Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1904a; Thériot, 1921b; Brotherus, 1924a).
- ssp. *subgraminicolor*** Thér. (Thériot, 1917b).
 Syn. *Barbula subgraminicolor* Thér. (Thériot, 1917b) *nom. inval.*
 Distr. Southern South America (Thériot, 1917b; Costes, 1921).
- B. grimmiacea*** C. Muell. (Mueller, 1882).
 Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hilpert, 1933; Kühnemann, 1938).
- B. hosseusii*** Thér. (Thériot, 1935b).
 Distr. Southern South America (Bauer, 1934; Thériot, 1935b; Hosseus, 1936, 1937, 1938a, b, c, d, 1939; Kühnemann, 1938).

- B. humilis* Hedw. *Tortella humilis*
B. hyperborea Mont. ex Par. *Tortula mucronifolia* var. *arctica*
- B. imperfecta*** (C. Muell.) Broth. (Brotherus, 1902).
 Syn. *Trichostomum imperfectum* C. Muell. (Mueller, 1879a).
Anacalypta imperfecta (C. Muell.) Kindb. (Kindberg, 1889).
Pottia imperfecta (C. Muell.) Par. (Paris, 1898).
 Distr. Southern South America (Mueller, 1879a; Paris, 1898; Brotherus, 1902, 1924a; Warnstorf, 1916; Kühnemann, 1938).
- B. inundata* (Mitt.) Jaeg. *Didymodon inundatus*
- B. juniperoidea*** C. Muell. (Mueller, 1882).
 Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).
- B. kunzeana* C. Muell. *Tortula kunzeana*
B. kunzei C. Muell. ex Kindb. *Tortula kunzeana*
- B. laevigata**** (Mitt.) Jaeg. (Jaeger, 1873).
 Syn. *Tortula laevigata* Mitt. (Mitten, 1869).
 Distr. Southern South America (Dusén, 1907; Cardot, 1908a; Seki, 1974).
- B. laevipila* (Brid.) Garov. *Tortula laevipila*
- B. lamprocalyx*** C. Muell. (Mueller, 1849).
 Syn. *Tortula lamprocalyx* (C. Muell.) Mont. (Montagne, 1850).
 Distr. Southern South America (Mueller, 1849; Montagne, 1850; Jaeger, 1873; Paris, 1904a; Brotherus, 1924a).
- B. lechleri* C. Muell. *Tortula lechleri*
B. leptosyntrichia C. Muell. *Tortula leptosyntrichia*
B. leucocalyx (Mont.) C. Muell. *Pseudocrossidium leucocalyx*
- B. lonchodonta*** C. Muell. (Mueller, 1879a).
 Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935a, 1937; Kühnemann, 1938).
- B. lorentzii* C. Muell. *Tortula lorentzii*
- B. lurida*** Hornsch. (Hornschuch, 1840).
 Distr. Southern South America (Hosseus, 1938c).
- B. magellanica* (Mont.) C. Muell. *Tortula magellanica*
B. magellanica C. Muell. *Tortula fuegiana*
B. marginato-serrata Dus. *Tortula marginato-serrata*
- B. mendozensis*** (Mitt.) Jaeg. (Jaeger, 1873).
 Syn. *Tortula mendozensis* Mitt. (Mitten, 1869).
 Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1904a; Brotherus, 1924a).
- B. micro-runcinata* Dus. *Leptodontium longicaule* var. *microruncinatum*
B. minutirosula C. Muell. *Tortula minutirosula*
B. mniadelphus C. Muell. *Tortula mniadelphus*
B. mnioides Schwaegr. *Calyptopogon mnioides*

* = *Didymodon laevigatus* (Mitt.) Zander *vide* Zander (1978).

- var. *prostrata* (Mont.) C. Muell. ***Tortula prostrata***
- B. muelleri* B.S.G. ***Tortula princeps***
- B. muelleri* Kindb. ***Barbula perrevoluta***
- B. muralis* (Hedw.) Crom. ***Tortula muralis***
- ssp. *aestiva* (Hedw.) Kindb. ***Tortula muralis* var. *aestiva***
- var. *aestiva* (Hedw.) Roehl. ***Tortula muralis* var. *aestiva***
- var. *australis* Hamp. ***Tortula muralis***
- var. *rupestris* Schultz ***Tortula muralis***
- B. muricola* C. Muell. ***Tortula muralis***
- B. nanophylla* Dus. (Dusén, 1903a) *nom. nud.*
- Distr. Southern South America (Dusén, 1903a).
- B. oliviensis* Card. ***Tortula pilifera* var. *oliviensis***
- B. ovata* (Hedw.) Schimp. ***Pterygoneurum ovatum***
- B. pachyneura* Dus. ***Pseudocrossidium leucocalyx***
- B. patagonica* (Mitt.) Jaeg. ***Didymodon patagonicus***
- B. patagonica* C. Muell. ***Tortula fuegiana***
- B. perangusta* Dus. (Dusén, 1903a) *nom. nud.*
- Distr. Southern South America (Dusén, 1903a).
- B. percarcosa* C. Muell. ***Tortula percarcosa***
- B. perfirma* Dus. (Dusén *in* Paris, 1906) *nom. nud.*
- Distr. Southern South America (Paris, 1906; Roivainen, 1934).
- B. perflaccida* Broth. ***Tortula flagellaris***
- B. pernana*** C. Muell. (Mueller, 1879a).
- Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).
- B. perpusilla* C. Muell. ***Tortula perpusilla***
- B. perrevoluta*** C. Muell. (Mueller, 1882).
- Syn. *Barbula subrevoluta* C. Muell. (Mueller, 1879a) *hom. illeg.*
Barbula muelleri Kindb. (Kindberg, 1889) *hom. illeg.*
Barbula apoclada Par. (Paris, 1900a) *nom. illeg.*
- Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1900a, 1904a; Kurtz, 1904; Brotherus, 1924a; Hosseus, 1935a, b, 1937; Kühnemann, 1938).
- var. *acutifolia*** (C. Muell.) Par. (Paris, 1894).
- Syn. *Barbula subrevoluta* C. Muell. var. *acutifolia* C. Muell. (Mueller, 1879a).
- Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904a; Hosseus, 1935b, 1937; Kühnemann, 1938).
- var. *linearifolia*** (C. Muell.) Par. (Paris, 1894).
- Syn. *Barbula subrevoluta* C. Muell. var. *linearifolia* C. Muell. (Mueller, 1879a).
- Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904a; Hosseus, 1935a, 1937; Kühnemann, 1938).
- B. perrubiginosa* Dus. ***Tortula anderssonii***
- B. perrufula* C. Muell. ***Tortella perrufula***
- B. pertorquescens*** Broth. (Brotherus, 1918).
- Distr. Southern South America (Brotherus, 1918, 1924a; Kühnemann, 1938).
- B. pilifera* (Hook.) Brid. ***Tortula pilifera***

B. plebeja C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. podocarp C. Muell.

Tortula podocarp

B. poeppigiana C. Muell.

Trichostomopsis australisiae

B. princeps (De Not.) C. Muell.

Tortula princeps

B. prostrata (Mont.) Jaeg.

Tortula prostrata

B. pseudo-caespitosa C. Muell.

Tortella pseudo-caespitosa

var. *brachybasis* C. Muell.

Tortella pseudo-caespitosa* var. *brachybasis

var. *pungens* C. Muell.

Tortella pseudo-caespitosa* var. *pungens

B. punctulata (Brid.) Jaeg.

Tortula robusta

B. purpurascens Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1938, 1960; Seki, 1974).

B. pusilla Jaeg.

Tortula brachypelma

B. pycnophylla Card. (Cardot, 1906a).

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Brotherus, 1924a; Bartram, 1952; Seki, 1974).
South Georgia (Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b).

B. recurvipatula C. Muell.

Aloina recurvipatula

B. replicata Tayl. (Taylor, 1846).

Syn. *Tortula replicata* (Tayl.) Wils. (Wilson, 1846).

Distr. Southern South America (Bartram, 1942, 1943, 1952).

B. rigidula (Hedw.) Mitt.

Didymodon rigidulus

B. riparia C. Muell. (Mueller, 1882).

Syn. *Asteriscium riparium* (C. Muell.) Hilp. (Hilpert, 1933).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1938a, d; Kühnemann, 1938).

B. ripicola Card.

Hymenostylium recurvirostre

B. robusta (Hook. et Grev.) Brid.

Tortula robusta

B. rubiginosa C. Muell.

Didymodon argentinicus

B. rubra (Mitt.) Jaeg.

Tortula robusta

B. rubricaulis Kindb. (Kindberg, 1891) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. rubriseta Bartr. (Bartram, 1936).

Distr. Southern South America (Bartram, 1936; Hosseus, 1938c, d, 1939).

B. runcinata C. Muell.

Tortula robusta* var. *runcinata

B. ruralis Hedw.

Tortula ruralis

B. santessonii Bartr. (Bartram, 1952).

Distr. Southern South America (Bartram, 1952; Seki, 1974).

B. santiagensis Broth. (Brotherus in Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Brotherus, 1924a; Thériot, 1934b; Herzog, 1954).

- var. piligera** Broth. (Brotherus *in* Dusén, 1907).
Distr. Southern South America (Dusén, 1907).
- B. scabrella* Dus. ***Tortula scabrella***
B. scabrinervis C. Muell. ***Tortula scabrinervis***
B. schimperi (Mont.) Mitt. ***Didymodon schimperi***
B. schnyderi C. Muell. ***Tortula schnyderi***
B. sedifolia C. Muell. ***Aloina sedifolia***
B. serripungens Lor. et C. Muell. ***Tortula serripungens***
 var. *exesa* C. Muell. ***Tortula serripungens* var. *exesa***
B. serrulata (Hook. et Grev.) Brid. ***Tortula robusta***
B. speciosa Hook. f. et Wils. ***Tortula robusta***
- B. spiralis*** Schimp. (Schimper *in* Mueller, 1849).
Distr. Southern South America (Hosseus, 1938a, d).
- B. streptostega* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- B. subdecidua* Kindb. ***Barbula uruguensis***
B. subgraminicolor Thér. ***Barbula graminicolor* ssp. *subgraminicolor***
- B. subgrimmiacea*** Thér. (Thériot *in* Felippone, 1929 [1930]).
Distr. Southern South America (Felippone, 1929; Herter, 1933a).
- B. subrevoluta* C. Muell. ***Barbula perrevoluta***
 var. *acutifolia* C. Muell. ***Barbula perrevoluta* var. *acutifolia***
 var. *linearifolia* C. Muell. ***Barbula perrevoluta* var. *linearifolia***
B. subrubiginosa Kindb. ***Didymodon argentinicus***
- B. subruncinata*** C. Muell. (Mueller, 1901a [1900]).
Distr. Southern South America (Mueller, 1901a).
- B. tenella* (Broth.) Par. ***Tortula tenella***
- B. tessellata* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Am. 6 in *Index muscorum*, 1, 156, but not found in Mueller (1901a).
- B. tortelloides*** C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).
- B. tortuosa* (Hedw.) Web. et Mohr ***Tortella tortuosa***
B. umbrosa C. Muell. ***Trichostomopsis umbrosa***
- B. uncinicoma*** C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Williams, 1930; Hosseus, 1935a, 1937; Kühnemann, 1938).
- B. unguiculata*** Hedw. (Hedwig, 1801).
Syn. *Bryum unguiculatum* (Hedw.) With. (Withering, 1801).
Tortula unguiculata (Hedw.) A. Roth ex P. Beauv. (A. Roth ex Palisot de Beauvois, 1805a) *hom. illeg.*
Streblotrichum unguiculatum (Hedw.) Loesk. (Loeske, 1910).
Distr. Southern South America (Felippone, 1917; Herter, 1933a).
- var. patagonica** C. Muell. (Mueller, 1843a).
Syn. *Syntrichia ericetorum* (With.) Brid. (Bridel, 1826).

Distr. Southern South America (Bridel, 1826; Mueller, 1843a, 1849; Paris, 1904a).

B. unguiculatula C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Hosseus, 1938c, d; Kühnemann, 1938).

B. uruguayensis Broth. (Brotherus, 1900).

Distr. Southern South America (Brotherus, 1900; Paris, 1904a; Felippone, 1912; Herter, 1933a; Hosseus, 1938c).

B. uruguensis Par. (Paris, 1894).

Syn. *Barbula decidua* C. Muell. (Mueller, 1882) *hom. illeg.*
Barbula subdecidua Kindb. (Kindberg, 1889) *nom. nud.*
Asteriscium deciduum Hilp. (Hilpert, 1933).

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1904a; Felippone, 1912; Brotherus, 1924a; Herter, 1933a; Hosseus, 1938a, c; Herzog, 1938; Kühnemann, 1938).

B. vaginata Warnst. (Warnstorf, 1915).

Distr. Southern South America (Warnstorf, 1915).

B. vahliana Schultz

B. ventanae C. Muell. ex Par.

B. ventanae C. Muell.

B. ventanica C. Muell. (Mueller, 1897a).

Syn. *Barbula ventanae* C. Muell. ex Par. (Mueller ex Paris, 1900a) *err.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a; Kühnemann, 1938).

B. vinealis* Brid. var. **flaccida** B.S.G. (Bruch and others, 1842).

Syn. *Tortula vinealis* (Brid.) Spruc. var. *flaccida* (B.S.G.) Spruc. (Spruce, 1845).

Distr. Southern South America (Bruch and others, 1842; Montagne, 1850).

Bartramia

B. abbreviata Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. acicularis C. Muell.

B. acutissima C. Muell.

B. ambigua Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Thériot, 1915, 1917b, 1921b; Campo, 1921; Costes, 1921; Cardot and Brotherus, 1923; Brotherus, 1924a, c; Reimers, 1926; Roivainen, 1934; Herzog, 1938, 1939, 1940, 1954, 1957, 1960; Kühnemann, 1938; Espinosa B., 1941; Bartram, 1952; Seki, 1974).

var. **horrida** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. **penicillatula** (C. Muell.) Herz. (Herzog, 1920).

Syn. *Bartramia penicillatula* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. aristata Schimp. ex C. Muell. (Schimper ex Mueller, 1862).

Syn. *Bartramia lechleri* Schimp. (Schimper in Mueller, 1901a [1900]) *nom. illeg.*

* = *Didymodon vinealis* (Brid.) Zander var. *flaccida* (B.S.G.) Zander *fide* Zander (1978).

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).

Southern South America (Lechler, 1857; Mueller, 1862; Lorentz, 1866; Jaeger, 1874; Mueller, 1901a; Dusén, 1903a; Paris, 1904a; Cardot, 1905a, 1908a; Thériot, 1918, 1934b; Campo, 1921; Brotherus, 1924a; Reimers, 1926; Herzog, 1938, 1957; Kühnemann, 1938).

B. aureola Besch. ex C. Muell.

B. australis Mitt.

B. austro-arcuata C. Muell.

B. austro-georgica Par.

B. austro-stricta C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. carinata Mitt.

B. chilensis Lor.

B. chrysuria C. Muell.

B. comiramea C. Muell.

B. comosa Mitt.

B. crenatula C. Muell.

B. crispa Brid. var. *pomiformis* (Hedw.) Lindb.

B. curvata Hamp.

B. cuspidatissima C. Muell.

B. cygnea Mont.

B. declivium C. Muell.

B. defecta C. Muell.

B. delicatula C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. diminutiva C. Muell. (Mueller, 1884 [1883]).

Distr. South Georgia (Cardot, 1906a, 1908a; Dixon, 1920; Steere, 1961b).
Antarctic, peninsula region (Cardot, 1907c, 1908a, 1911b, d, 1913a; Steere, 1961a).

B. dimorpha Schimp.

B. dumosa (Mitt.) Mitt.

B. elegantula Tayl.

B. elegantula Par.

B. elongatula C. Muell.

var. *tenella* C. Muell. (Mueller, 1882) *nom. nud.*

Distr. Southern South America (Mueller, 1882).

B. exigua Sull.

B. fernandeziana Card. (Cardot in Thériot, 1921b).

Distr. Juan Fernandez (Thériot, 1921b; Brotherus, 1924a, b).

B. flaviuscula C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. flexipes (C. Muell.) C. Muell.

B. fontana (Hedw.) Turn.

var. *magellanica* (Brid.) P. Beauv.

B. fontanoides Gill. et Grev.

Breutelia aureola

Conostomum pentastichum

Breutelia austro-arcuata

Bartramia patens

Breutelia plicata

Breutelia dumosa

Breutelia integrifolia

see **Breutelia dumosa**

see **Breutelia dumosa**

Philonotis crenatula

Bartramia pomiformis

Philonotis curvata

Breutelia cuspidatissima

Bartramidula cygnea

Philonotis pomangium

Philonotis glaucescens

Philonotis vagans

Breutelia dumosa

Philonotis ruffiflora

Philonotis elongatula

Philonotis elongatula

Philonotis scabrifolia

Philonotis flexipes

Philonotis fontana

Philonotis fontana var. *magellanica*

Philonotis fontanoides

B. fragilifolia C. Muell. (Mueller, 1897b).*Distr.* Southern South America (Bartram, 1965).**B. glaucescens** Hornsch.**B. graminicola** C. Muell.**B. halleriana** Hedw. (Hedwig, 1801).*Distr.* Southern South America (Mitten, 1869; Bartram, 1952; Seki, 1974).**var. brachydonta** Kab. (Kabiersch, 1937).*Syn.* *Bartramia mossmaniana* C. Muell. (Mueller, 1851b).*Bartramia magellanica* Aongstr. (Ångström, 1872) *hom. illeg.**Bartramia mossmanii* C. Muell. ex Kindb. (Mueller ex Kindberg, 1888) *nom. illeg.**Distr.* Southern South America (Ångström, 1872; Jaeger, 1875; Mueller, 1885; Neger, 1899; Dusén, 1903a, 1905d; Paris, 1904a; Cardot, 1905a, 1908a, 1913a; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1940, 1957; Brotherus 1924a; Roivainen, 1934; Thériot, 1935a; Kabiersch, 1937; Kühnemann, 1938).**B. hariotiana** Besch. ex C. Muell.**B. integrifolia** Tayl.**B. ithyphylla** Brid. (Bridel, 1803).*Syn.* *Plagiopus ithyphyllus* (Brid.) Mach. (Machado, 1919).*Distr.* Southern South America (Montagne, 1850; Campo, 1921 (as *Bartramia ithylyla*)).**var. arenae** Besch. (Bescherelle, 1889).*Distr.* Southern South America (Bescherelle, 1889; Dusén, 1903a; Paris, 1904a; Cardot, 1908a; Kühnemann, 1938).**B. ithyphylloides** Schimp. ex C. Muell. (Schimper ex Mueller, 1859).*Distr.* Southern South America (Lechler, 1857; Mueller, 1859; Jaeger, 1875; Neger, 1899; Paris, 1904a; Brotherus, 1924a; Roivainen, 1934; Thériot, 1934b; Herzog, 1939, 1954; Seki, 1974).**B. jacquenotiana** Schimp. (Schimper in Paris, 1904a) *nom. nud.**Distr.* Southern South America (Paris, 1904a).**B. joannae** C. Muell. (Mueller, 1901a [1900]) *nom. nud.**Distr.* Southern South America (Mueller, 1901a).**B. krausei** C. Muell.**B. laevisphaera** (Tayl.) C. Muell.**B. lechleri** Schimp.**B. leptophylla** Card. et Broth. (Cardot and Brotherus, 1923).*Distr.* Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a).**B. leptophylla** Card. (Cardot in Skottsberg, 1914) *nom. nud. fide* (Brotherus, 1924b).*Distr.* Juan Fernandez (Skottsberg, 1914).
Southern South America (Campo, 1921).**B. leucocolea** Card.*var. brevifolia* Broth. et Card.**var. glauciflora** Broth. et Card. (Brotherus and Cardot in Cardot and Brotherus, 1923).*Distr.* Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).**B. leucolomacea** C. Muell.**B. lorentzii** C. Muell.**B. magellanica** (Sull.) Mitt.**B. magellanica** Aongstr.**Philonotis glaucescens****Breutelia integrifolia****Breutelia plicata****Breutelia integrifolia****Philonotis krausei****Anacolia laevisphaera****Bartramia aristata****Bartramia patens****Bartramia patens****Bartramia patens****Breutelia lorentzii****Conostomum magellanicum****Bartramia halleriana var. brachydonta****B. magellanica** Brid.**Bartramia patens****B. microbasis** C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938; Bizot, 1967).**B. mossmaniana** C. Muell.**Bartramia halleriana var. brachydonta****B. mossmanii** C. Muell. ex Kindb.**Bartramia halleriana var. brachydonta****B. nevadensis** C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Brotherus, 1924a; Hosseus, 1938c, d, 1939; Kühnemann, 1938).**B. oreadella** C. Muell.*var. microphylla* Card.**Bartramia patens****Bartramia patens****B. palustris** (Hedw.) P. Beauv.**Aulacomnium palustre****B. patens** Brid. (Bridel, 1803).*Syn.* *Bartramia reticulata* P. Beauv. (Palisot de Beauvois, 1805a).*Bartramia magellanica* Brid. (Bridel in Bescherelle, 1889) *nom. nud.**Bartramia leucolomacea* C. Muell. (Mueller, 1890a) *fide* Newton, 1974a.*Bartramia oreadella* C. Muell. (Mueller, 1890a) *fide* Newton, 1974a.*Bartramia oreadella* C. Muell. *var. microphylla* Card. (Cardot, 1905a) *fide* Newton, 1974a.*Bartramia pycnocolea* C. Muell. (Mueller, 1890a) *fide* Newton, 1974a.*Bartramia subpatens* C. Muell. (Mueller, 1890a) *hom. illeg.**Bartramia austro-georgica* Par. (Paris, 1894).*Bartramia leucocolea* Card. (Cardot, 1905a) *fide* Newton, 1974a.*Bartramia leucocolea* Card. *var. brevifolia* Broth. et Card. (Brotherus and Cardot in Cardot and Brotherus, 1923) *fide* Newton, 1974a.*Distr.* Juan Fernandez (Brotherus, 1924b; Robinson, 1975).

Southern South America (Bridel, 1803, 1827b; Palisot de Beauvois, 1805a;

Schwaegrichen, 1816; Wilson and Hooker, 1847; Mueller, 1849, 1885, 1889;

Montagne, 1850; Sullivant, 1859; Mitten, 1869; Jaeger, 1875; Bescherelle, 1889;

Dusén, 1903a; Paris, 1904a; Cardot, 1905a, 1908a, 1913a; Cardot and Brotherus,

1923; Herzog, 1923, 1954, 1957, 1960; Brotherus, 1924a; Roivainen, 1934;

Kühnemann, 1938; Bartram, 1952; Seki, 1974).

Falkland Islands (Wilson and Hooker, 1847; Jaeger, 1875; Mueller, 1885; Bescherelle, 1889; Dusén, 1903a; Paris, 1904a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a).

South Georgia (Mueller, 1890a; Paris, 1894, 1904a; Cardot, 1906a, 1908a; Dixon, 1920, 1934; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Newton, 1974a; Bell, 1977b).

Antarctic, peninsula region (Cardot, 1906a, 1908a, 1911b, d, 1913a; Bartram, 1957; Steere, 1961a; Greene, 1968a; Robinson, 1972).

var. arenae Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.**Distr.* Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
Falkland Islands (Cardot and Brotherus, 1923).**var. intermedia** Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847).*Distr.* Falkland Islands (Wilson and Hooker, 1847; Kühnemann, 1938).**var. minor** Dus. (Dusén, 1903a).*Distr.* Southern South America (Dusén, 1903a; Kühnemann, 1938).**B. pendula** (Sm.) Hook.see *Breutelia dumosa***B. penicillatula** C. Muell.**Bartramia ambigua var. penicillatula****B. pentasticha** Brid.**Conostomum pentastichum****B. perpumila** C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1904a; Kühnemann, 1938; Brotherus, 1924a; Bartram, 1965).

- B. plicata* (Mitt.) Mitt. ***Breutelia plicata***
B. pomangium C. Muell. ***Philonotis pomangium***
- B. pomiformis*** Hedw. (Hedwig, 1801).
 Syn. *Bryum pomiforme* (Hedw.) With. (Withering, 1801).
Bartramia crispa Brid. var. *pomiformis* (Hedw.) Lindb. (Lindberg, 1872) *nom. illeg.*
Plagiopus pomiformis (Hedw.) Mach. (Machado, 1919).
 Distr. Southern South America (Bridel, 1803, 1827*b*; Montagne, 1845*b*, 1850; Mitten, 1869; Mueller, 1885; Dusén, 1903*a*; Paris, 1904*a*; Cardot, 1908*a*).
 var. *crispa* (Brid.) B.S.G. ***Bartramia pomiformis* var. *elongata***
 var. *elongata* Turn. (Turner, 1805).
 Syn. *Bartramia pomiformis* Hedw. var. *crispa* (Brid.) B.S.G. (Bruch and others, 1842). *nom. illeg.*
 Distr. Southern South America (Wilson and Hooker, 1847; Rowlee, 1916).
- B. potosica*** Mont. (Montagne, 1838).
 Distr. Southern South America (Mitten, 1869; Jaeger, 1875; Paris, 1904*a*; Brotherus, 1924*a*).
- B. pseudo-cryptopodium*** C. Muell. (Mueller, 1882).
 Distr. Southern South America (Mueller, 1882; Paris, 1904*a*; Brotherus, 1924*a*; Kühnemann, 1938).
- B. pusilla* Sull. ***Philonotis scabrifolia***
B. pycnocolea C. Muell. ***Bartramia patens***
B. reticulata P. Beauv. ***Bartramia patens***
- B. robusta*** Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1845).
 Syn. *Breutelia robusta* (Hook. f. et Wils.) Jaeg. (Jaeger, 1875).
 Distr. Southern South America (Sullivant, 1859; Jaeger, 1875; Mueller, 1885; Dusén, 1903*a*; Paris, 1904*a*; Cardot, 1908*a*; Brotherus, 1924*a*).
- B. ruffiflora* Hornsch. ***Philonotis ruffiflora***
B. rupestris Mitt. ***Breutelia plicata***
- B. rupta*** C. Muell. (Mueller, 1882).
 Distr. Southern South America (Mueller, 1882; Paris, 1904*a*; Brotherus, 1924*a*; Hosseus, 1935*b*, 1937, 1939; Kühnemann, 1938).
- B. scaberrima*** Card. et Broth. (Cardot and Brotherus, 1923).
 Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).
- B. scabrifolia* (Hook. f. et Wils.) C. Muell. ***Philonotis scabrifolia***
B. simplicissima C. Muell. ***Philonotis simplicissima***
B. striata C. Muell. ***Philonotis striata***
- B. stricta*** Brid. (Bridel, 1803).
 Syn. *Plagiopus strictus* (Brid.) Mach. (Machado, 1919).
 Distr. Juan Fernandez (Montagne, 1835; Johow, 1896).
 Southern South America (Bridel, 1803, 1827*b*; Schwaegrichen, 1816; Montagne, 1850; Paris, 1904*a*).
- B. strictiuscula* (C. Muell.) C. Muell. ***Philonotis strictiuscula***
B. subpatens C. Muell. ***Bartramia patens***
B. subsecunda C. Muell. (Mueller, 1901*a* [1900]) *nom. nud.*
 Distr. Southern South America (Mueller, 1901*a*).

- B. subsessilis* Tayl. ***Anacolia laevisphaera***
- B. subsymmetrica*** Card. (Cardot, 1906*a*).
 Syn. *Exodokidium subsymmetricum* (Card.) Card. (Cardot, 1908*a*) *vide* Newton, 1974*a*.
 Distr. South Georgia (Cardot, 1906*a*, 1908*a*; Brotherus, 1924*a*; Newton, 1974*a*; Bell, 1977*b*).
- B. tenella* (Brid.) C. Muell. ***Philonotis glaucescens***
- B. thrausta*** Schimp. ex Britt. (Schimper ex Britton, 1896).
 Distr. Southern South America (Paris, 1904*a*).
- B. vagans* (Hook. f. et Wils.) Mitt. ***Philonotis vagans***
B. ventanae C. Muell. ***Philonotis scabrifolia***
B. wilkesiana Par. (Paris, 1894) *nom. nud.*
 Distr. Southern South America (Paris, 1894, 1904*a*).
- B. willii* C. Muell. ***Philonotis scabrifolia***
- Bartramidula**
- B. cygnea*** (Mont.) Par. (Paris, 1894).
 Syn. *Bartramia cygnea* Mont. (Montagne, 1845*a*).
Glyphocarpus cygneus (Mont.) Jaeg. (Jaeger, 1875).
 Distr. Southern South America (Montagne, 1845*a*, 1850, 1856; Mueller, 1848*a*; Lorentz, 1866; Mitten, 1869; Jaeger, 1875; Paris, 1894, 1904*a*; Herzog, 1923; Brotherus, 1924*a*; Seki, 1974).
- B. defecta* (C. Muell.) Broth. ***Philonotis glaucescens***
B. exigua (Sull.) Par. ***Philonotis scabrifolia***
B. krausei (C. Muell.) Par. ***Philonotis krausei***
- Blindia**
- B. acuta*** (Hedw.) B.S.G. (Bruch and others, 1846).
 Syn. *Weisia acuta* Hedw. (Hedwig, 1801).
 Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1848*a*; Paris, 1904*a*).
 Falkland Islands (Wilson and Hooker, 1847; Kühnemann, 1938).
- B. antarctica* C. Muell. ***Dicranoweisia antarctica***
B. arcuata Mitt. ***Blindia magellanica***
B. auriculata C. Muell. ***Holodontium inerme***
B. austro-crispula C. Muell. ***Dicranoweisia austro-crispula***
B. brevipes C. Muell. ***Dicranoweisia brevipes***
- B. capillifolia*** Card. (Cardot, 1906*a*).
 Distr. South Georgia (Cardot, 1906*a*, 1908*a*; Brotherus, 1924*a*; Steere, 1961*b*).
- B. churuccana* Besch. ***Holodontium pumilum***
B. consimilis Card. ***Blindia magellanica***
- B. contecta*** (Hook. f. et Wils.) C. Muell. (Mueller, 1848*a*).
 Syn. *Weisia contecta* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Dicranoweisia contecta (Hook. f. et Wils.) Par. (Paris, 1896).
 Distr. Southern South America (Ångström, 1872; Paris, 1896; Dusén, 1903*a*; Paris, 1904*a*; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938; Seki, 1974).
- B. curviseta*** Mitt. (Mitten, 1869).
 Syn. *Dicranum gracilescens* Dus. (Dusén in Paris, 1904*b*) *nom. nud.*
Blindia praticola Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Mitten, 1869; Mueller, 1885; Paris, 1900a, 1904a, b; Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1939).
Falkland Islands (Dusén, 1903a; Paris, 1904a; Cardot, 1908a).
South Georgia (Cardot and Brotherus, 1923).

B. dicranellacea C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Paris, 1904a; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b).

B. globularis Dus.

Blindia magellanica

B. grimmiacea C. Muell.

Dicranoweisia grimmiacea

B. humilis C. Muell.

Holodontium pumilum

B. inundata (Card.) Card.

Blindia magellanica var. inundata

B. leptotrichacea C. Muell. ex. Par.

Ditrichum hookeri

B. leptotrichocarpa C. Muell.

Ditrichum hookeri

var. **strictiuscula** C. Muell.

Ditrichum hookeri var. strictiusculum

B. lygodipoda C. Muell. (Mueller, 1885).

Syn. **Blindia lygopodina** C. Muell. (Mueller in Paris, 1894) *nom. illeg.*

Distr. Southern South America (Mueller, 1885; Paris, 1894, 1904a; Dusén, 1903a; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

B. lygopodina C. Muell.

Blindia lygodipoda

B. magellanica Schimp. (Schimper in Mueller, 1862).

Syn. **Blindia arcuata** Mitt. (Mitten, 1869).

Blindia consimilis Card. (Cardot, 1905a).

Blindia globularis Dus. (Dusén, 1905a).

Blindia microdicranum Dus. (Dusén in Roivainen and Bartram, 1937) *nom. nud.*

Distr. Southern South America (Mueller, 1862, 1885; Mitten, 1869; Jaeger, 1873; Dusén, 1903a, 1905a; Paris, 1904a, 1906; Cardot, 1908a; Campo, 1921; Thériot, 1921a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Herzog, 1938, 1939; Kühnemann, 1938; Seki, 1974).

Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938).

var. **inundata** (Card.) Herz. (Herzog, 1939).

Syn. **Ditrichum inundatum** Card. (Cardot, 1905a).

Blindia inundata (Card.) Card. (Cardot, 1908a).

Distr. Southern South America (Cardot, 1905a, 1908a; Brotherus, 1924a; Roivainen and Bartram, 1937; Herzog, 1939, 1940, 1960).

B. microdicranum Dus.

Blindia magellanica

B. pallidifolia C. Muell.

Dicranoweisia subinclinata

B. praticola Card. et Broth.

Blindia curviseta

B. pseudolygodipoda Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

Falkland Islands (Cardot and Brotherus, 1923).

B. pseudorobusta Dus.

Blindia robusta

B. robusta Hamp. (Hampe, 1860).

Syn. **Dicranum tenuifolium** Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844) *hom. illeg.*

Blindia tenuifolia Mitt. (Mitten, 1869).

Blindia pseudorobusta Dus. (Dusén, 1905a).

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivant, 1859; Mitten, 1969; Jaeger, 1872, 1873; Dusén, 1903a, 1905a; Paris, 1904a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Herzog, 1938, 1954; Kühnemann, 1938; Seki, 1974).

B. savatieri C. Muell.

Holodontium sp.

B. savatieriana C. Muell.

Holodontium sp.

B. skottsbergii Card. (Cardot, 1906a).

Distr. South Georgia (Cardot, 1906a, 1908a; Dixon, 1920; Brotherus, 1924a; Steere, 1961b).
Antarctic, peninsula region (Wright, 1905 (as *Campylopus vesticaulis*); Cardot, 1906a, 1908a; 1911c, 1912b; Brotherus, 1924a; Steere, 1961a; Greene, 1968a; Robinson, 1972).

B. subinclinata C. Muell.

Dicranoweisia subinclinata

B. sulphurea Dus.

Dicranoweisia austro-crispula

B. tenuifolia Mitt.

Blindia robusta

B. torrentium Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. turpis Card.

Verrucidens turpis

Brachymenium

B. ellipticum Jaeg.

Brachymenium meyenianum var. ellipticum

B. erubescens (C. Muell.) Kindb. (Kindberg, 1889).

Syn. **Bryum erubescens** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. fabroniellum Par. (Paris, 1906) *nom. nud.*

Syn. **Dicranobryum fabroniellum** Dus. (Dusén in Paris, 1906) *nom. nud.*

Distr. Southern South America (Paris, 1906).

B. fabronioides (C. Muell.) Kindb. (Kindberg, 1889).

Syn. **Bryum fabronioides** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b; Kühnemann, 1938).

var. **densirete** Thér. (Thériot, 1935b).

Distr. Southern South America (Thériot, 1935b; Hosseus, 1938c, d).

B. gilliesii (Hook.) Jaeg.

Bryum gilliesii

B. hyalinum Thér. (Thériot in Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

B. indicum (Doz. et Molk.) Bosch et Lac. (van den Bosch and van der Sande Lacoste, 1860).

Syn. **Bryum indicum** Doz. et Molk. (Dozy and Molkenboer, 1845).

Peromnion magellanicum Sull. (Sullivant, 1850).

Bryum magellanicum (Sull.) C. Muell. (Mueller, 1851a).

Brachymenium magellanicum (Sull.) Par. (Paris, 1894).

Distr. Southern South America (Sullivant, 1850, 1859; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1875; Paris, 1894, 1904a; Dusén, 1903a; Spegazzini, 1922; Kühnemann, 1938).

B. macropoma (C. Muell.) Kindb.

Acidodontium macropoma

B. magellanicum (Sull.) Par.

Brachymenium indicum

B. malachiticum (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Bryum malachiticum* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. meyenianum (C. Muell.) Jaeg. (Jaeger, 1875).

Syn. *Webera meyeniana* Hamp. (Hampe, 1837c).

Bryum meyenianum (Hamp.) C. Muell. (Mueller, 1848a).

Brachymenium meyenii Hamp. ex Kindb. (Hampe ex Kindberg, 1888) *nom. illeg.*

Dicranobryum subfabroniellum Dus. (Dusén in Paris, 1906) *nom. nud.*

Brachymenium subfabroniellum Par. (Paris, 1906) *nom. nud.*

Distr. Southern South America (Hampe, 1837c; Mueller, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1875; Paris, 1904a, 1906; Brotherus, 1924a; Thériot, 1928; Hosseus, 1936, 1937; Kühnemann, 1938; Herzog, 1939, 1954).

var. ellipticum (Jaeg.) Thér. (Thériot, 1928).

Syn. *Bryum ellipticum* Mitt. (Mitten, 1869) *nom. illeg.*

Brachymenium ellipticum Jaeg. (Jaeger, 1875).

Distr. Southern South America (Mitten, 1869; Jaeger, 1875; Paris, 1904a; Costes, 1921; Thériot, 1921b, 1928; Brotherus, 1924a).

B. meyenii Hamp. ex Kindb.

B. ovatum Hook. f. et Wils.

B. papillosum Jaeg.

B. porteri Thér. (Thériot, 1925a).

Distr. Southern South America (Thériot, 1925a, 1926).

B. robertii Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924a; Kühnemann, 1938).

B. subfabroniellum Par.

B. wilsonii (Mitt.) Jaeg.

Brachypodium *nom. illeg.*

B. crispatum (Hedw.) Brid.

Brachysteleum *nom. rejic.*

B. brevifolium C. Muell.

B. chimborazense (Mitt.) Thér. var. *obtusifolium* Thér.

B. crispatum (Hedw.) Hornsch.

B. cummingii (Dub.) Hamp.

B. deltorii Thér.

B. emersum C. Muell.

B. ligulatum (Mitt.) C. Muell.

B. sellowianum C. Muell.

B. sellowii Aongstr.

B. uruguense C. Muell.

B. vernicosum C. Muell.

Brachythecium

B. alari-decurrans Dus.

Brachymenium meyenianum

Leptotheca gaudichaudii

Pohlia papillosa

Brachymenium meyenianum

Leptobryum wilsonii

Ptychomitrium crispatum

Ptychomitrium balansae

Ptychomitrium chimborazense var. *obtusifolium*

Ptychomitrium crispatum

Ptychomitrium fernandesianum

Ptychomitrium deltorii

Ptychomitrium emersum

Ptychomitrium ligulatum

Ptychomitrium sellowianum

Ptychomitrium sellowianum

Ptychomitrium balansae

Ptychomitrium vernicosum

Brachythecium subplicatum

B. antarcticum Card.

var. *cavifolium* Card.

Brachythecium austro-salebrosum

Brachythecium austro-salebrosum

B. arenarium Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

B. argyrocaulon Dus. (Dusén in Paris, 1906) *nom. nud.*

Distr. Southern South America (Paris, 1906).

B. austro-glareosum (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Hypnum austro-glareosum* C. Muell. (Mueller, 1884 [1883]).

Brachythecium austro-glareosum (C. Muell.) Kindb. var. *diffusum* Card. (Cardot, 1911b) *fide* Newton, 1979a.

Distr. South Georgia (Newton, 1979a, b).

Antarctic, peninsula region (Cardot, 1906b, 1907c, 1908a, 1911b, d, 1913a; Brotherus, 1924a; Steere, 1961a; Robinson, 1972; Newton, 1979a).

var. *diffusum* Card.

Brachythecium austro-glareosum

B. austro-salebrosum (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Hypnum austro-salebrosum* C. Muell. (Mueller, 1884 [1883]).

Hypnum georgico-glareosum C. Muell. (Mueller, 1890a) *fide* Newton, 1979a.

Brachythecium georgico-glareosum (C. Muell.) Kindb. (Kindberg, 1891) *fide* Newton, 1979a.

Brachythecium antarcticum Card. (Cardot, 1900) *fide* Newton, 1979a.

Brachythecium antarcticum Card. var. *cavifolium* Card. (Cardot, 1900) *fide* Newton, 1979a.

Brachythecium skottsbergii Card. (Cardot, 1906a) *fide* Newton, 1979a.

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Paris, 1894, 1904a; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Dixon, 1932; Steere, 1961b; Newton 1979a, b).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, b, 1907c, 1908a, 1911b, d, 1913a; Paris, 1904a; Dixon, 1920, 1935; Brotherus, 1925; Bartram, 1957; Steere, 1961a; Robinson, 1972; Newton, 1979a).

B. calerae (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum calerae* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904a; Kurtz, 1904; Brotherus, 1925; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. clinocarpum (Tayl.) Jaeg.

Oxyrrhynchium clinocarpum

B. confluens (C. Muell.) Kindb.

Sciaromium confluens

B. conostomum (Tayl.) Jaeg. (Jaeger, 1878).

Syn. *Hypnum conostomum* Tayl. (Taylor, 1848a).
Hypnum taylorii Mitt. (Mitten, 1869) *nom. illeg.*

Distr. Southern South America (Reimers, 1926; Herzog, 1938).

B. cuspidarioides Dus.

Brachythecium subplicatum

B. fasciculato-caudatum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1925; Kühnemann, 1938).

B. filirameum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1925; Kühnemann, 1938).

B. filirepens Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b; Paris, 1906; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

B. flagellare (Hedw.) Jenn.**Brachythecium plumosum****B. fuegianum** Broth. (Brotherus, 1908).

Syn. *Stereophyllum fuegianum* Besch. (Bescherelle, 1885a *syn. excl.*) *nom. nud.*
Stereophyllum fuegianum Besch. (Bescherelle, 1889) *hom. illeg.*
Brachythecium stereophyllum C. Muell. (Mueller *in* Bescherelle, 1889) *nom. nud.*

Distr. Southern South America (Bescherelle, 1885a, 1889; Brotherus, 1908, 1925).

B. georgico-glareosum (C. Muell.) Kindb.**Brachythecium austro-salebrosum****B. glaciale** B.S.G. (Bruch and others, 1853).

Distr. Southern South America (Newton, 1979a, b).
South Georgia (Newton, 1979a, b).

B. grandirete C. Muell. (Mueller, 1897b).

Syn. *Brachythecium pumilum* Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b; Brotherus, 1925).

B. lepidopiloides (C. Muell.) Kindb.**Stereophyllum lepidopiloides****B. longidecurrens** Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

B. longidens (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum longidens* C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Dusén, 1903a; Paris, 1904a, 1905b; Cardot, 1908a; Kühnemann, 1938; Bartram, 1946).

B. macroconum (C. Muell.) Kindb.**Brachythecium plumosum****var. robustius** (C. Muell.) Par. (Paris, 1894).

Syn. *Hypnum macroconum* C. Muell. *var. robustius* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904a).

B. macrogynum Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

B. majusculum M. Newton (Newton, 1974d).

Syn. *Brachythecium majusculum* Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Newton, 1974d, 1979a, b).
South Georgia (Newton, 1974d, 1979a, b).

B. majusculum Dus.**Brachythecium majusculum****B. microcollinum** Bartr. (Bartram, 1946).

Distr. Southern South America (Roivainen, 1934; Bartram, 1946).

B. minusculifolium C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1925; Kühnemann, 1938).

B. mollirameum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Kühnemann, 1938).

B. morenoi C. Muell.**Brachythecium sericeo-virens****B. nematogonium** (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum nematogonium* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1925; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. paradoxum (Hook. f. et Wils.) Jaeg. (Jaeger, 1878).

Syn. *Hypnum paradoxum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Rhynchostegium mollissimum Dus. (Dusén 1903a) *nom. nud.*

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1878; Bescherelle, 1889; Cardot, 1901, 1905a, 1908a; Dusén, 1903a; Paris, 1904a, 1905b; Cardot and Brotherus, 1923; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

B. parvulum Dus. (Dusén *in* Paris, 1904a) *nom. nud.*

Distr. Southern South America (Paris, 1904a).

B. patagonicum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

B. plumosum (Hedw.) B.S.G. (Bruch and others, 1853).

Syn. *Hypnum plumosum* Hedw. (Hedwig, 1801).
Hypnum macroconum C. Muell. (Mueller, 1879a).
Brachythecium macroconum (C. Muell.) Kindb. (Kindberg, 1888).
Hypnum flagellare Hedw. (Hedwig, 1801).
Brachythecium flagellare (Hedw.) Jenn. (Jennings, 1913) *nom. illeg.*

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938).

B. pumilum Dus.**Brachythecium grandirete****B. rivulare** B.S.G. (Bruch and others, 1853).

Distr. Southern South America (Thériot, 1934b).

B. rivularioides (C. Muell.) Par. (Paris, 1894).

Syn. *Hypnum rivularioides* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904a; Kurtz, 1904; Brotherus, 1925; Hosseus, 1935a, 1937; Kühnemann, 1938).

B. rutabulum (Hedw.) B.S.G. (Bruch and others, 1853).

Syn. *Hypnum rutabulum* Hedw. (Hedwig, 1801).
Pancovia rutabula (Hedw.) Kickz (Kickz, 1867).

Distr. Southern South America (Wilson and Hooker, 1847; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938).

B. sericeo-virens (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum sericeo-virens* C. Muell. (Mueller, 1885).
Brachythecium morenoi C. Muell. (Mueller, 1879a) *fide* Seki, 1974.

Distr. Southern South America (Mueller, 1885, 1897a; Paris, 1900a, 1904a; Dusén, 1903a; Cardot, 1905a, 1908a; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

B. seribracteatum Dix.**Brachythecium subpilosum****B. skottsbergii** Card.**Brachythecium austro-salebrosum****B. spagazzinii** (C. Muell.) Kindb.**Hypnum spagazzinii****B. spurio-albicans** C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Dusén, 1903a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

B. squalidissimum (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum squalidissimum* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1925; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. stereophyllum C. Muell.**Brachythecium fuegianum****B. subpilosum** (Hook. f. et Wils.) Jaeg. (Jaeger, 1878).

Syn. *Hypnum subpilosum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Brachythecium serribracteatum Dix. (Dixon *in* Newton, 1979a) *nom. nud.*

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1878; Paris, 1904a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Herzog, 1923; Brotherus, 1925; Kühnemann, 1938; Newton, 1979a).

Falkland Islands (Dusén, 1903a; Paris, 1904a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

South Georgia (Cardot, 1906a, 1908a; Dixon, 1920; Cardot and Brotherus, 1923; Brotherus, 1925; Steere, 1961b; Newton, 1979a, b).

Antarctic, peninsula region (Cardot, 1906a, 1908a; Brotherus, 1925; Steere, 1961a).

B. subplicatum (Hamp.) Jaeg. (Jaeger, 1878).

Syn. *Hypnum subplicatum* Hamp. (Hampe *in* Mueller, 1851a).
Hypnum rutabulum Hedw. var. 5 (*in* Wilson and Hooker, 1847) *fide* Mueller, 1851a.
Brachythecium cuspidarioides Dus. (Dusén, 1905b) *fide* Cardot, 1908a.
Brachythecium turgens Dus. (Dusén, 1905b) *fide* Seki, 1974.
Brachythecium alari-decurrans Dus. (Dusén *in* Newton, 1979a) *nom. nud.*

Distr. Southern South America (Mueller, 1851a, 1885; Dusén, 1903a, 1905b; Paris, 1906; Cardot, 1908a; Herzog, 1923, 1939, 1954; Brotherus, 1925; Thériot, 1929c; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Seki, 1974; Newton, 1979a).

Falkland Islands (Wilson and Hooker, 1847; Mueller, 1851a; Jaeger, 1878; Cardot, 1905a, 1908a; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938; Newton, 1979a).

South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Steere, 1961b; Newton, 1979a, b).

var. dilaceratum Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Kühnemann, 1938).

var. minus Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. subtilicaule Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1904a).

B. sulphureum (Geh. et Hamp.) Par. (Paris, 1894).

Syn. *Hypnum sulphureum* Geh. et Hamp. (Geheeb and Hampe *in* Hampe and Geheeb, 1881).

Distr. Southern South America (Paris, 1894; Brotherus, 1918, 1925; Hosseus, 1938a (as *Brachystegium*), b, c, d, 1939; Kühnemann, 1938).

B. tenui-prostratum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1925; Kühnemann, 1938).

B. trachychaete Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b; Cardot, 1908a; Brotherus, 1925; Newton, 1979a).

B. turgens Dus.**Brachythecium subplicatum****B. turquetii** Card. (Cardot, 1906b).

Distr. Antarctic, peninsula region (Cardot, 1906b, 1907c, 1908a; Brotherus, 1925; Steere, 1961a).

Braunia**B. argentinica** C. Muell.**Braunia cirrhifolia****B. canescens** Schimp. ex Britt.**Braunia cirrhifolia****B. chilensis** Broth.**Hedwigidium chilense****B. cirrhifolia** (Mitt.) Wils. ex Jaeg. (Wilson ex Jaeger, 1876).

Syn. *Harrisonia secunda* (Hook.) Spreng. var. *cirrhifolia* Mitt. (Mitten, 1851) *nom. nud.*
Hedwigia cirrhifolia Mitt. (Mitten, 1869).

Braunia incana C. Muell. (Mueller, 1879a).

Braunia argentinica C. Muell. (Mueller, 1882).

Braunia canescens Schimp. ex Britt. (Schimper ex Britton, 1896).

Distr. Southern South America (Mueller, 1879a, 1882; Kurtz, 1904; Paris, 1904a; Brotherus, 1918, 1925; Hosseus, 1936, 1937, 1938c, d, 1939; Kühnemann, 1938).

B. cochlearifolia C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1925; Hosseus, 1936, 1937, 1938c, d, 1939; Kühnemann, 1938).

B. exserta C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1925; Kühnemann, 1938; Bartram, 1965).

var. reflexifolia C. Muell.**Braunia reflexifolia****B. gibertii** Besch.**Hedwigidium gibertii****B. humboldtii** (Hook.) Hook. f.**Rhacocarpus purpurascens****B. incana** C. Muell.**Braunia cirrhifolia****B. patagonica** C. Muell.**Hedwigidium patagonicum****B. reflexifolia** (C. Muell.) Bartr. (Bartram, 1965).

Syn. *Braunia exserta* C. Muell. var. *reflexifolia* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Bartram, 1965).

B. rhabdocarpa (Hamp.) C. Muell.**Hedwigidium integrifolia****Braunia** Hamp. *hom. illeg.***B. cuspidata** (Sull.) Hamp.**Dendrocryphaea cuspidata****Breutelia****B. angustiretis** Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946; Matteri, 1973a; Seki, 1974).

B. areola Besch.**Breutelia aureola****B. aureola** (C. Muell.) Besch. (Bescherelle, 1885a).

Syn. *Bartramia aureola* Besch. ex C. Muell. (Bescherelle ex Mueller, 1885).

Breutelia areola Besch. (Bescherelle *in* Cardot and Brotherus, 1923) *err.*

Breutelia rupestris (Mitt.) Jaeg. var. *gracilior* Card. (Cardot, 1908a) *fide* Matteri, 1973a.

Distr. Southern South America (Mueller, 1885; Bescherelle, 1885a, 1889; Dusén, 1903a (and as *B. elongata* *fide* Matteri, 1973a); Paris, 1904a; Cardot, 1905a, 1908a (and as *B. elongata* *fide* Matteri, 1973a); Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954; Matteri, 1973a; Seki, 1974).

B. auricolor Herz.**Breutelia integrifolia**

B. austro-arcuata (C. Muell.) Kindb. (Kindberg, 1889).

Syn. Bartramia austro-arcuata C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. brachycoma Besch.

Breutelia dumosa

B. carinata (Mitt.) Jaeg.

Breutelia plicata

B. chilensis (Lor.) Par.

Breutelia dumosa

B. chrysur (C. Muell.) Broth.

Breutelia integrifolia

B. comosa (Mitt.) Mitt.

see ***Breutelia dumosa***

B. comosa Besch.

Breutelia dumosa

B. cuspidatissima (C. Muell.) Kindb. (Kindberg, 1889).

Syn. Bartramia cuspidatissima C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1904a; Brotherus, 1924a; Thériot, 1934b; Kühnemann, 1938).

B. dumosa Mitt. (Mitten, 1860).

Syn. Bartramia dumosa (Mitt.) Mitt. (Mitten, 1869).

Bartramia chilensis Lor. (Lorentz, 1866) *fide* Matteri, 1973a.

Breutelia chilensis (Lor.) Par. (Paris, 1904a) *fide* Matteri, 1973a.

Breutelia brachycoma Besch. (Bescherelle, 1885a) *fide* Matteri, 1973a.

Breutelia comosa Besch. (Bescherelle, 1885a) *nom. nud.*

Breutelia longipes Schimp. (Schimper *in* Paris, 1904a) *nom. nud. pro parte.*

Distr. Southern South America (Wilson and Hooker, 1847 (as *Bartramia pendula* vars. 1 and 2 *fide* Matteri, 1973a); Mueller, 1849 (as *Bartramia pendula* *fide* Matteri, 1973a), 1885 (and as *Bartramia comosa* *fide* Matteri, 1973a), 1901a (as *Bartramia comiramea* *fide* Matteri, 1973a); Sullivan, 1859; Mitten 1860, 1869; Lorentz, 1866; Jaeger, 1875 (and as *B. pendula* *fide* Matteri, 1973a); Bescherelle, 1885a, 1889; Dusén, 1903a (and as *B. elongata* *fide* Matteri, 1973a); Paris, 1904a; Cardot, 1908a (and as *B. elongata* and *B. pendula* *fide* Matteri, 1973a); Cardot and Brotherus, 1923; Herzog, 1923, 1939, 1954; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Matteri, 1973a; Seki, 1974).

B. elongata (Hook. f. et Wils.) Mitt.

see ***Breutelia aureola***, ***B. dumosa*** and ***B. plicata***

B. glabrifolia Dus.

Breutelia integrifolia

B. graminicola Broth.

Breutelia integrifolia

B. hariotiana (C. Muell.) Besch.

Breutelia plicata

B. hariotii Besch. *ex* Kindb.

Breutelia plicata

B. integrifolia (Tayl.) Jaeg. (Jaeger, 1875).

Syn. Bartramia integrifolia Tayl. (Taylor, 1846).

Bartramia chrysur C. Muell. (Mueller, 1884 [1883]).

Breutelia chrysur (C. Muell.) Broth. (Brotherus, 1904).

Breutelia glabrifolia Dus. (Dusén, 1905b) *fide* Matteri, 1973a.

Bartramia graminicola C. Muell. (Mueller, 1884 [1883]) *hom. illeg. fide* Matteri, 1973a.

Breutelia graminicola Broth. (Brotherus, 1904) *nom. illeg. fide* Matteri, 1973a.

Philonotis kerguelensis Par. (Paris, 1897) *fide* Matteri, 1973a.

Breutelia kerguelensis (Par.) Wijk et Marg. (van der Wijk and Margadant, 1958) *fide* Matteri, 1973a.

Breutelia skottsbergii Card. (Cardot, 1905a) *fide* Matteri, 1973a.

Breutelia skottsbergii Card. var. *horrida* Card. et Broth. (Cardot and Brotherus, 1923) *fide* Matteri, 1973a.

Breutelia integrifolia (Tayl.) Jaeg. var. *patagonica* Card. et Broth. (Cardot and Brotherus, 1923) *fide* Matteri, 1973a.

Anacolia auricolor Dus. (Dusén *in* Paris, 1906) *nom. nud. fide* Matteri, 1973a.

Breutelia auricolor Herz. (Herzog, 1909) *nom. nud. fide* Matteri 1973a.

Breutelia thysanomitrioides Dus. (Dusén *in* Paris, 1904a) *nom. nud. fide* Matteri, 1973a.

Distr. Southern South America (Sullivan, 1859; Neger, 1899; Dusén, 1903a, 1905b; Paris, 1904a, 1906; Cardot, 1905a, 1908a; Campo, 1921; Cardot and Brotherus, 1923; Brotherus, 1924a, 1925; Thériot, 1924, 1925a; Roivainen, 1934; Kühnemann, 1938; Herzog, 1940, 1954, 1957; Bartram, 1952; Matteri, 1973a; Seki, 1974).
Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938; Matteri, 1973a).
South Georgia (Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Steere, 1961b; Matteri, 1973a; Newton, 1974a).

var. *patagonica* Card. et Broth.

Breutelia integrifolia

B. kerguelensis (Par.) Wijk et Marg.

Breutelia integrifolia

B. longipes Schimp.

Breutelia dumosa, ***Breutelia plicata*** and ***Breutelia subplicata***

B. lorentzii (C. Muell.) Kindb. (Kindberg, 1889).

Syn. Bartramia lorentzii C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. masafuerae Broth. (Brotherus, 1924b).

Syn. Breutelia subplicata Broth. var. *masafuerae* (Broth.) Matteri (Matteri, 1973a) *fide* Robinson, 1975.

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Matteri, 1973a; Robinson, 1975).

B. pendula (Sm.) Mitt.

see ***Breutelia dumosa***

B. persquarrosa Dus.

Breutelia subplicata

B. perruncinata Dus.

Breutelia subplicata

B. plicata Mitt. (Mitten, 1860).

Syn. Bartramia plicata (Mitt.) Mitt. (Mitten, 1869).

Bartramia hariotiana Besch. *ex* C. Muell. (Bescherelle *ex* Mueller, 1885).

Breutelia hariotiana (C. Muell.) Besch. (Bescherelle, 1885a).

Breutelia hariotii Besch. *ex* Kindb. (Bescherelle *ex* Kindberg, 1888) *hom. illeg.*

Bartramia carinata Mitt. (Mitten, 1869) *fide* Matteri, 1973a.

Breutelia carinata (Mitt.) Jaeg. (Jaeger, 1875).

Bartramia rupestris Mitt. (Mitten, 1869) *fide* Matteri, 1973a.

Breutelia rupestris (Mitt.) Jaeg. (Jaeger, 1875) *fide* Matteri, 1973a.

Breutelia subelongata Broth. (Brotherus *in* Dusén, 1905b) *fide* Matteri, 1973a.

Breutelia longipes Schimp. *pro parte* (Schimper *in* Paris, 1904a) *nom. nud. fide* Matteri, 1973a.

Breutelia speciosa Card. (Cardot *in* Herzog, 1954) *nom. nud. fide* Seki, 1974.

Distr. Southern South America (Mitten, 1860, 1869; Lorentz, 1866; Jaeger, 1875; Mueller, 1885; Bescherelle, 1885a, 1889; Neger, 1899; Dusén, 1903a (and as *B. elongata* *fide* Matteri, 1973a), 1905b; Paris, 1904a; Cardot, 1905a, 1908a (and as *B. elongata* *fide* Matteri, 1973a); Cardot and Brotherus, 1923; Brotherus, 1924a; Reimers, 1926; Kühnemann, 1938; Herzog, 1939, 1954; Matteri, 1973a; Seki, 1974).

B. robusta (Hook. f. et Wils.) Jaeg.

Bartramia robusta

B. rupestris (Mitt.) Jaeg.

Breutelia plicata

var. *gracillior* Card.

Breutelia aureola

B. scabrifolia Dus. (Dusén *in* Paris, 1904a) *nom. nud.*

Distr. Southern South America (Paris, 1904a).

B. skottsbergii Card.

Breutelia integrifolia

var. *horrida* Card. et Broth.

Breutelia integrifolia

B. speciosa Card.

Breutelia plicata

B. subelongata Broth.

Breutelia plicata

B. subplicata Broth. (Brotherus *in* Thériot, 1911).

Syn. Breutelia persquarrosa Dus. (Dusén *in* Paris, 1904a) *nom. nud.*

Breutelia perruncinata Dus. (Dusén in Paris, 1904a) *nom. nud. fide* Matteri, 1973a.
Breutelia longipes Schimp. *pro parte* (Schimper in Paris, 1904a) *nom. nud. fide* Matteri, 1973a.

Distr. Juan Fernandez (Matteri, 1973a; Robinson, 1975).
 Southern South America (Paris, 1904a; Thériot, 1911, 1934b, 1935a; Brotherus, 1924a; Roivainen, 1934; Herzog, 1938, 1939, 1940, 1954, 1960; Bartram, 1952; Matteri, 1973a; Seki, 1974).

var. *masafuerae* (Broth.) Matteri

B. thysanomitrioides Dus.

B. ulicina Herz. (Herzog, 1927).

Distr. Southern South America (Herzog, 1927).

Bruchia

B. brevipes Harv. ex Hook. (Harvey ex Hooker, 1840).

Syn. *Phascum brevipes* (Hook.) Schwaegr. (Schwaegrichen, 1842).

Distr. Southern South America (Montagne, 1850).

B. hampeana C. Muell. (Mueller, 1848a).

Syn. *Sporledera hampeana* (C. Muell.) Mitt. (Mitten, 1869).
Bruchia schwaegrichenii Jaeg. (Jaeger, 1869) *nom. illeg.*
Sporledera schwaegrichenii Hamp. (Hampe in Jaeger, 1869) *nom. nud.*

Distr. Southern South America (Mueller, 1848a; Jaeger, 1869, 1873; Mitten, 1869; Paris, 1904a; Roth, 1911; Brotherus, 1924a).

B. schwaegrichenii Jaeg.

B. uleana C. Muell. ex Roth (Mueller ex Roth, 1911).

Distr. Southern South America (Hosseus, 1940).

B. uruguensis C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Jaeger and Sauerbeck, 1879b; Paris, 1904a; Roth, 1911; Brotherus, 1924a; Herter, 1933a; Kühnemmann, 1938; Hosseus, 1939).

Bryodusenaria

B. genuflexa (C. Muell.) H. Robinson

Bryoerythrophyllum

B. campylocarpum (C. Muell.) Crum (Crum, 1957).

Syn. *Trichostomum campylocarpum* C. Muell. (Mueller, 1851a).
Didymodon calymperidictyon Broth. (Brotherus, 1924b).
Didymodon linearis Broth. (Brotherus, 1924b) *hom. illeg.*

Distr. Juan Fernandez (Brotherus, 1924a, b; Bartram, 1959; Robinson, 1975).

B. recurvirostre (Hedw.) Chen (Chen, 1941).

Syn. *Weisia recurvirostris* Hedw. (Hedwig, 1801).
Bryum lacustre Brid. (Bridel, 1803).
Dermatodon rubellus Genth (Genth, 1835).
Didymodon rubellus B.S.G. (Bruch and others, 1846) *nom. illeg.*

Distr. Southern South America (Bruch and others, 1839; Wilson and Hooker, 1847; Cardot, 1905a, 1908a; Kühnemmann, 1938).

var. *antarctica* Savicz et Z. Smirn. (Savich-Ljubitskaya and Smirnova, 1963b).

Distr. Antarctica, continental region (Savich-Ljubitskaya and Smirnova, 1963b; Greene, 1968a; Savich-Ljubitskaya, 1978).

Bryoporteria

B. chilensis Thér.

Breutelia masafuerae

Breutelia integrifolia

Bruchia hampeana

Ancistrodes genuflexa

Camptodontium cryptodon

Bryum

B. aequabile C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1936, 1937, 1938b, d; Kühnemmann, 1938).

B. aerugo Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1904a).

B. albicans Roehl.

B. albidum (Hedw.) P. Beauv.

B. algens Card. (Cardot, 1907a).

Syn. *Bryum atgens* Card. (Cardot in Holzinger, 1911) *err.*

Distr. Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Dixon, 1920; Steere, 1961a).
 Antarctic, continental region (Cardot, 1907a, 1908a; Brotherus, 1924a; Steere, 1961a; Savich-Ljubitskaya and Smirnova, 1972; Savich-Ljubitskaya, 1978).

B. alticaule C. Muell.

var. *robustius* C. Muell.

B. amblyodon C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Kühnemmann, 1938).

*B. amblyolepis** Card. (Cardot, 1900).

Distr. Southern South America (Costes, 1921).
 Antarctic, peninsula region (Cardot, 1900, 1901, 1908a; Paris, 1904a; Brotherus, 1924a; Steere, 1961a).
 Antarctic, continental region (Cardot, 1907a, 1908a; Steere, 1961a).

B. amplirete C. Muell.

B. andicola Hook. (Hooker in Kunth, 1822) *see* Ochi, 1972.

Syn. *Rhodobryum andicola* (Hook.) Par. (Paris, 1897).
Bryum lechleri C. Muell. (Mueller, 1856) *see* Ochi, 1972.
Rhodobryum lechleri (C. Muell.) Par. (Paris, 1897).

Distr. Juan Fernandez (Brotherus, 1924b; Robinson, 1975).
 Southern South America (Mueller, 1856; Lorentz, 1866; Mitten, 1869; Jaeger, 1875; Paris, 1897, 1904a; Thériot, 1915, 1918, 1935a; Campo, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939; Brotherus, 1924a, c; Reimers, 1926; Kühnemmann, 1938; Espinosa B., 1941; Skottsberg, 1950).
 Falkland Islands (Cardot and Brotherus, 1923).

B. angulosum Menz.

B. anisodontacum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1904a).

B. anomobryoides Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemmann, 1938).

B. antarcticum Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847).

Syn. *Webera antarctica* (Hook. f. et Wils.) Jaeg. (Jaeger, 1875).

Distr. Antarctic, peninsula region (Wilson and Hooker, 1847; Mueller, 1851a; Jaeger, 1875; Cardot, 1906a, 1908a; Paris, 1906; Darbishire, 1923; Brotherus, 1924a; Bartram, 1957; Steere, 1961a; Filson, 1966; Robinson, 1972).
 Antarctic, continental region (Cardot, 1907a, 1908a, 1910; Dixon and Watts, 1918; Brotherus, 1924a; Bartram, 1938, 1957; Rayner, 1940; Clifford, 1957; Steere, 1961a (as *B. algens* *see* Clifford, 1957); Filson, 1966; Robinson, 1972; Savich-Ljubitskaya and Smirnova, 1972).

* = *Bryum argenteum* Hedw. *fide* Ochi (1979).

Pohlia wahlenbergii

Octoblepharum albidum

Pohlia wahlenbergii var. *glacialis*

Mniobryum alticaule var. *robustius*

Pohlia wahlenbergii var. *glacialis*

Conostomum pentastichum

B. apiculatum Schwaegr. (Schwaegrichen, 1816).

Distr. Southern South America (Hornschuch, 1840; Mueller, 1848a; Mitten, 1869; Gibert, 1873; Jaeger, 1875; Paris, 1904a; Felippone, 1912; Herter, 1933a).

B. apocarpum (Hedw.) L. *ex* With.

var. *ciliatum* (Hedw.) With.

Schistidium apocarpum**Hedwigia ciliata****B. arechavaletae** Broth. (Brotherus *in* Krieger, 1904) *nom. nud.*

Distr. Southern South America (Krieger, 1904; Herter, 1939b).

B. arenae C. Muell.**Bryum argenteum****B. argenteum** Hedw. (Hedwig, 1801).

Syn. *Bryum argyreum* C. Muell. (Mueller, 1882).

Bryum atro-sanguineum C. Muell. (Mueller, 1882).

Bryum capillisetum C. Muell. (Mueller, 1882).

Bryum compactulum C. Muell. (Mueller, 1882).

Bryum arenae C. Muell. (Mueller, 1885).

Bryum griseum Dus. *ex* Thér. (Dusén *ex* Thériot, 1917b) *fide* Ochi, 1969.

Bryum siplei Bartr. (Bartram, 1938) *fide* Greene, 1967.

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Montagne, 1850; Lorentz, 1866; Ångström, 1872; Mueller, 1882, 1885; Dusén, 1903a; Paris, 1904a; Cardot, 1908a; Felippone, 1912; Thériot, 1917b; Campo, 1921; Costes, 1921; Cardot and Brotherus, 1923; Brotherus, 1924a; Herter, 1933a, 1939b; Hosseus, 1935a, b, 1937, 1940; Herzog, 1938, 1939, 1957; Kühnemann, 1938; Bartram, 1952; Ochi, 1969; Seki, 1974).

Falkland Islands (Wilson and Hooker, 1847; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938).

Antarctic, peninsula region (Wilson and Hooker, 1847; Paris, 1904a; Cardot, 1906a, 1908a, 1911b, d, 1913a; Steere, 1961a; Robinson, 1972).

Antarctic, continental region (Gepp, 1902; Cardot, 1907a, 1908a, 1910; Bartram, 1938, 1957; Horikawa, 1961; Horikawa and Ando, 1961, 1967; Steere, 1961a; Savich-Ljubitskaya and Smirnova, 1964b; Greene, 1967; Robinson, 1972).

var. lanatum (P. Beauv.) Hamp. (Hampe, 1839).

Syn. *Mnium lanatum* P. Beauv. (Palisot de Beauvois, 1805a).

Distr. Southern South America (Hosseus, 1938a, b, c, d).

var. obtusifolium Broth. (Brotherus, 1906a).

Distr. Antarctic, continental region (Savich-Ljubitskaya, 1978).

var. subamblyolepis Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. argentinense Thér. (Thériot *in* Herzog, 1957) *nom. nud.*

Distr. Southern South America (Herzog, 1957).

B. argyreum C. Muell.**Bryum argenteum****B. aspillagae** Thér. (Thériot, 1917b).

Distr. Southern South America (Thériot, 1917b; Costes, 1921; Brotherus, 1924a).

B. atgens Card. *in* Holz.**Bryum algens****B. atro-sanguineum** C. Muell.**Bryum argenteum****B. aubertii** (Schwaegr.) Brid.**Rhodobryum aubertii****B. austro-affine** Broth. (Brotherus, 1916).

Distr. Southern South America (Felippone, 1928; Herter, 1933a).

B. austro-albicans C. Muell.**Pohlia wahlenbergii****B. austro-chilense** Bartr. (Bartram, 1946).

Distr. South South America (Roivainen, 1934; Bartram, 1946).

B. austro-polare* Card. (Cardot, 1900).

Distr. Southern South America (Looser, 1932; Thériot, 1934a).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906b, 1907c, 1908a; Paris, 1904a; Brotherus, 1924a; Steere, 1961a (as *B. antarcticum*); ? Filson, 1966 (as *B. antarcticum*); Ochi, 1970 (as *B. pseudotriquetrum* for Racovitza, 234b)).

B. austro-turbinatum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935a, 1937; Kühnemann, 1938).

B. badium (Brid.) Schimp. (Schimper, 1876).

Syn. *Bryum caespiticium* L. *ex* Hedw. var. *badium* Bruch *ex* Brid. (Bridel, 1827a).

Bryum caespiticium L. *ex* Hedw. ssp. *badium* (Brid.) Lindb. (Lindberg, 1879).

Bryum caespiticium L. *ex* Hedw. var. *gracilescens* B.S.G. (Bruch and others, 1839) *nom. illeg.*

Distr. Falklands Islands (Wilson and Hooker, 1847; Kühnemann, 1938).

B. bartramiopsis C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. beyrichiae Hornsch. *ex* Kindb.**Rhodobryum beyrichianum****B. beyrichianum** (Hornsch.) C. Muell.**Rhodobryum beyrichianum****B. beyrichii** Aongstr.**Rhodobryum beyrichianum****B. bicolor** Dicks. (Dickson, 1801).

Syn. *Bryum dichotomum* auct. non Hedwig *fide* Ochi, 1972.

Bryum bulbiliosum Mont. (Montagne, 1841).

Bryum ferriviae C. Muell. (Mueller *in* Ule, 1899) *nom. nud.*

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1875; Paris, 1904a; Brotherus, 1924a; Herter, 1928, 1933a; Seki, 1974).

B. billardieri Schwaegr. (Schwaegrichen, 1816).

Distr. Falkland Islands (Wilson and Hooker, 1847; Kühnemann, 1938).

B. bimum (Scherb.) Turn.**Bryum pseudotriquetrum** ssp. *bimum*

ssp. *pseudotriquetrum* (Hedw.) Dix.

Bryum pseudotriquetrum**B. brachycarpum** Bartr. (Bartram, 1946) *hom. illeg.*

Distr. Southern South America (Bartram, 1946).

B. brachychaete Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a).

B. brachymeniopsis C. Muell.**Anomobryum brachymeniopsis****B. brevigemmatum** Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1904a; Seki, 1974).

B. bulbilinum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. bulbiliosum Mont.**Bryum bicolor****B. caespiticium** L. *ex* Hedw. (Hedwig, 1801).

Syn. *Mnium caespiticium* (Hedw.) With. (Withering, 1801).

Hypnum caespiticium (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

* = *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. *fide* Ochi (1970, 1979).

Distr. Juan Fernandez (Montagne, 1835, 1845*b*).
Southern South America (Wilson and Hooker, 1847; Kühnemann, 1938; Seki, 1974).
Falkland Islands (Wilson and Hooker, 1847).

ssp. badium (Brid.) Lindb.

var. badium Bruch ex Brid.

var. gracilescens B.S.G.

B. caespitosum (Hopp. et Hornsch.) Brid.

B. calopyxis C. Muell.

B. campoanum Thér. (Thériot, 1926).

Distr. Southern South America (Campo, 1921; Thériot, 1926).

B. campylotheceum Tayl. (Taylor, 1846).

Syn. Bryum jaffuelii Thér. (Thériot, 1926) *fide* Ochi, 1977.

Distr. Southern South America (Ochi, 1977).

B. campylotrichum C. Muell. (Mueller, 1901*a* [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901*a*).

B. canariense Brid. (Bridel, 1817).

Syn. Bryum jaffuelii Thér. (Thériot, 1926).

Distr. Southern South America (Montagne, 1850; Thériot, 1926).

B. candicans Tayl. (Taylor in Mitten, 1869).

Distr. Southern South America (Thériot, 1918; Campo, 1921).

B. canescens Schimp. (Schimper in Paris, 1904*a*) *nom. nud.*

Distr. Southern South America (Lechler, 1857; Paris, 1904*a*).

B. capillaceum (Hedw.) Dicks. ex With.

B. capillare Hedw. (Hedwig, 1801).

Syn. Bryum philippianum C. Muell. (Mueller, 1844*b* [1845]) *fide* Ochi, 1969.
Bryum philippii C. Muell. ex Kindb. (Mueller ex Kindberg, 1888) *nom. illeg.*
Bryum chilense Reichdt. (Reichardt, 1868) *fide* Ochi, 1969.
Bryum nanocoma C. Muell. (Mueller, 1882) *fide* Ochi, 1969.

Distr. Southern South America (Mueller, 1844*b*, 1848*a*, 1882; Montagne, 1850; Lorentz, 1866;
Reichardt, 1868, 1870; Mitten, 1869; Jaeger, 1875; Neger, 1899; Paris, 1904*a*;
Herzog, 1923, 1938, 1954; Brotherus, 1924*a*; Kühnemann, 1938; Ochi, 1969; Seki,
1974).

ssp. torquescens (B.S.G.) Kindb. (Kindberg, 1897).

Syn. Bryum torquescens B.S.G. (Bruch and others, 1839).

Distr. Southern South America (Bruch and others, 1839; Mueller, 1848*a*; Montagne, 1850;
Mitten, 1869; Gibert, 1873; Paris, 1904*a*; Felippone, 1912; Thériot, 1928; Herter,
1928, 1933*a*, 1939*b*).

var. cymbifolium Hook. f. et Wils.

var. flaccidum (Brid.) B.S.G. (Bruch and others, 1839).

Syn. Bryum flaccidum Brid. (Bridel, 1826).

Distr. Southern South America (Bruch and others, 1839).

B. capillisetum C. Muell.

B. capituliforme Warnst. (Warnstorf, 1915).

Distr. Southern South America (Warnstorf, 1915).

B. cavum C. Muell. (Mueller, 1844*a*).

Bryum badium

Bryum badium

Bryum badium

Pohlia nutans

Pohlia calopyxis

Distichium capillaceum

Bryum cavum

Bryum argenteum

Syn. Bryum capillare Hedw. *var. cymbifolium* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Paris, 1904*a*; Herter, 1928, 1933*a*,
b).

B. cephalozoides Card. (Cardot, 1906*a*).

Distr. Antarctic, peninsula region (Cardot, 1906*a*, 1908*a*; Steere, 1961*a*).

B. chilense Reichdt.

Bryum capillare

B. chiloense Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

B. chorizodontum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*).

B. chryseum Mitt. (Mitten, 1869).

Distr. Juan Fernandez (Bartram, 1959; Robinson, 1975).

B. ciliatum (Hedw.) Dicks.

Hedwigia ciliata

B. cirrhatum Hopp. et Hornsch. *var. australe* Card. (Cardot, 1905*a*).

Distr. Southern South America (Cardot, 1905*a*, 1908*a*).

B. clavatum (Schimp.) C. Muell. (Mueller, 1848*a*).

Syn. Pohlia clavata Schimp. (Schimper, 1836).

Distr. Southern South America (Schimper, 1836; Mueller, 1848*a*; Montagne, 1850; Mitten,
1869; Paris, 1904*a*; Brotherus, 1924*a*).

B. climacodontium Par.

Anomobryum cygnicollum

B. cochlearifolium Card. et Broth. (Cardot and Brotherus, 1923) *hom. illeg.*

Distr. Southern South America (Donat, 1936*a*; Herzog, 1960; Seki, 1974).
South Georgia (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Steere, 1961*b*).

B. coelophyllum Eaton (Eaton, 1892).

Distr. Southern South America (Eaton, 1892).

B. commutatum (Schimp.) Boul.

Pohlia drummondii

B. compactulum C. Muell.

Bryum argenteum

B. concavifolium Thér. (Thériot, 1926).

Distr. Southern South America (Costes, 1921 (as *B. concarifolium*); Thériot, 1926; Herzog,
1939).

B. conicum Hornsch.

Anomobryum conicum

B. controversum (Hedw.) P. Beauv.

Weisia controversa

B. coronatum Schwaegr. (Schwaegrichen, 1816).

Distr. Southern South America (Mueller, 1848*a*; Montagne, 1850; Jaeger, 1875; Seki, 1974).

B. corralense Herz. et Thér. (Herzog and Thériot in Herzog, 1938).

Distr. Southern South America (Herzog, 1938).

B. crassicaule Dus.

Bryum laevigatum

B. crassinervium Lor. (Lorentz, 1866).

Distr. Southern South America (Lorentz, 1866; Jaeger, 1875; Paris, 1904*a*; Costes, 1921;
Brotherus, 1924*a*).

B. crateris* Dix. (Dixon, 1920).

Distr. Antarctic, peninsula region (Dixon, 1920; Brotherus, 1924a; Steere, 1961a).

B. crispatum Dicks. *ex With.****Rhabdoweisia crispata*****B. crudum** (Hedw.) Turn.***Pohlia cruda*****B. cruegeri** Hamp. (Hampe *in* Mueller, 1848a).

Syn. *Pohlia cruegeri* (Hamp.) Andrews (Andrews, 1935).

Distr. Southern South America (Kühnemann, 1938).

B. cygnicollum C. Muell.***Anomobryum cygnicollum*****B. decurrentinervium** C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1918, 1924a; Kühnemann, 1938).

B. delitescens Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. demissum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

B. densifolium Brid. (Bridel, 1827a).

Syn. *Rhodobryum gracilescens* C. Muell. (Mueller *in* Hampe, 1874).

Distr. Southern South America (Herter, 1933a; Hosseus, 1940; Herzog, 1952a).

B. denticulatinervium Ochi (Ochi, 1977).

Distr. Southern South America (Ochi, 1977).

B. diaphanum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a, 1901a; Paris, 1904a).

B. dicarpum Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

B. dichotomum auct. non Hedwig***Bryum bicolor*****B. dissolutinerve** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Kühnemann, 1938).

B. donati Herz. et Thér.***Bryum redboonii*****B. donatii** Thér. (Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b; Herzog, 1957).

B. drummondii C. Muell.***Pohlia drummondii*****B. elegantulum** Lor. (Lorentz, 1864).

Distr. Southern South America (Lorentz, 1864, 1866; Jaeger, 1875; Paris, 1904a; Brotherus, 1924a, c; Espinosa B., 1941).

B. ellipsifolium C. Muell. (Mueller, 1890b).

Syn. *Bryum myurella* Dus. (Dusén, 1905b) *hom. illeg. fide* Ochi, 1972.

Distr. Southern South America (Dusén, 1903a, 1905b; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938; Ochi, 1972; Seki, 1974).

B. ellipticum Mitt.***Brachymenium meyenianum* var. *ellipticum*****B. emergens** C. Muell.***Mielichhoferia emergens***

* = *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. *fide* Ochi (1979).

B. encalyptaceum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. erubescens C. Muell.***Brachymenium erubescens*****B. erythrocarpoides** C. Muell. et Hamp. (Mueller and Hampe, 1855).

Syn. *Bryum reichertii* Herz. (Herzog, 1926) *fide* Seki, 1974.

Distr. Southern South America (Herzog, 1926; Seki, 1974).

B. fabronia C. Muell. (Mueller, 1882).

Syn. *Bryum fabroniae* C. Muell. *ex* Kindb. (Mueller *ex* Kindberg, 1889) *nom. inval.*

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. fabroniae C. Muell. *ex* Kindb.***Bryum fabronia*****B. fabronioides** C. Muell.***Brachymenium fabronioides*****B. felipponei** Thér. (Thériot *in* Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

B. fernandezianum Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

B. ferriviae C. Muell.***Bryum bicolor*****B. filicaule** Broth. (Brotherus, 1906a).

Distr. Antarctic, continental region (Cardot, 1908a; Brotherus, 1924a; Steere, 1961a (as *B. antarcticum*); Filson, 1966 (as *B. antarcticum*)).

B. filiforme Dicks.***Anomobryum filiforme*****B. flaccidum** Brid.***Bryum capillare* var. *flaccidum*****B. flagellans** C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

B. flagellicoma C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Kühnemann, 1938).

B. flavo-pallidum Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a).

B. flexisetum Mitt. (Mitten, 1869).

Distr. Southern South America (Bartram, 1942, 1943).

B. fontanum (Hedw.) Gaertn., Meyer et Scherb.***Philonotis fontana*****B. fuegianum** Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

B. fusco-mucronatum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1901a; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938).

B. ganophyllum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Brotherus, 1904, 1924a; Kühnemann, 1938).

B. gaudichaudii (Schwaegr.) Spreng.***Leptotheca gaudichaudii***

B. gyanum Mont. (Montagne in Mueller, 1848a).

Syn. *Bryum gayi* Mont. ex Kindb. (Montagne ex Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Mueller, 1848a; Montagne, 1850, 1856; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Brotherus, 1924a).

B. gayi Mont. ex Kindb.

Bryum gyanum

B. gemmaceum Besch. (Bescherelle in Mueller, 1901a [1900] *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. gemmatum C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Paris, 1904a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

B. gerlachei* Card. ex Broth. (Cardot ex Brotherus, 1904).

Syn. *Webera gerlachei** Card. (Cardot, 1900).

Distr. Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, b, 1907c, 1908a, 1911d, 1913a; Paris, 1906; Brotherus, 1924a; Steere, 1961a (as *B. antarcticum*): ? Filson, 1966 (as *B. antarcticum*); Ochi, 1970 (as *B. pseudotriquetrum* for Racovitza 229a)).

B. gibertii C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

B. gilliesii Hook. (Hooker, 1829).

Syn. *Pohlia gilliesii* (Hook.) Mont. (Montagne, 1839b).
Brachymenium gilliesii (Hook.) Jaeg. (Jaeger, 1875).

Distr. Southern South America (Hooker, 1829; Montagne, 1839b; Mueller, 1848a, 1879a; Mitten, 1869; Jaeger, 1875; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935a, 1937; Kühnemann, 1938; Herzog, 1957).

B. glaciale Brid.

Pohlia wahlenbergii* var. *glacialis

B. glauco-viride C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. gracilisetum Hornsch. (Hornschuch, 1840).

Distr. Southern South America (Krieger, 1904; Herter, 1943).

B. gracili-torquescens C. Muell. (Mueller in Kindberg, 1891) *nom. nud.*

Distr. Southern South America (Paris, 1900a; Thériot, 1917b, 1918, 1921a; Campo, 1921; Costes, 1921).

B. gracillimum Broth. (Brotherus in Felippone, 1909).

Distr. Southern South America (Felippone, 1909; Brotherus, 1924a; Herter, 1933a).

B. griffithianum Dicks.

Oedipodium griffithianum

B. griseum Dus. ex Thér.

Bryum argenteum

B. hallei Card.

Bryum schleicheri* var. *patagonicum

*B. hamatum** Dus. (Dusén, 1903a) *nom. nud.*

***Bryum perlimbatum* pro parte**

B. hamipilum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1918; Kühnemann, 1938).

B. hatcheri Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Kühnemann, 1938).

* = *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. *fide* Ochi (1979).

* = *Bryum viridescens* Welw. et Dub. *fide* Ochi (1977).

B. hauthalli C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. hedwigii Brotero

Hedwigia ciliata

B. heimii (Hedw.) Dicks. ex With.

Pottia heimii

B. heteroblepharum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a).

B. heteromallum (Hedw.) P. Beauv.

Ditrichum heteromallum

B. heterophyllum Card. et Broth. (Cardot and Brotherus, 1923) *hom. illeg.*

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. heterostichum (Hedw.) Dicks.

Racomitrium heterostichum

B. hickenii Herz.

Bryum pseudotriquetrum

B. hieronymi C. Muell.

Rhodobryum hieronymi

B. humile Mont.

Pohlia humilis

B. hypnoides L. ex With.

Racomitrium lanuginosum

B. imperfectum Card. (Cardot, 1900).

Distr. Southern South America (Herzog, 1957).

Antarctic, peninsula region (Cardot, 1900, 1901, 1908a, 1911b, d, 1913a; Paris, 1904a; Brotherus, 1924a; Steere, 1961a; Robinson, 1972).

B. inclinatum (Brid.) Bland. (Blandow, 1809) *hom. illeg.*

Syn. *Pohlia inclinata* Sw. ex Brid. (Swartz ex Bridel, 1803).
Leskea inclinata (Brid.) Web. et Mohr (Weber and Mohr, 1803).

Distr. Southern South America (Montagne, 1850).

var. *magellanicum* Card. (Cardot, 1900).

Distr. Southern South America (Paris, 1904a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Herzog, 1923; Brotherus, 1924a; Kühnemann, 1938).
Antarctic, peninsula region (Cardot, 1900, 1901; Bartram, 1957; Steere, 1961a).

B. inconnexum* Card. (Cardot, 1900).

Distr. Antarctic, peninsula region (Cardot, 1900, 1901, 1906b, 1907c, 1908a; Paris, 1904a; Brotherus, 1924a; Steere, 1961a (as *B. antarcticum*); ? Filson, 1966 (as *B. antarcticum*); Robinson, 1972).

Antarctic, continental region (Greene, 1968a; Kuc, 1969; Robinson, 1972; Ochi, 1976).

var. *fragile* Hor. et Ando (Horikawa and Ando, 1961).

Distr. Antarctic, continental region (Horikawa and Ando, 1961).

var. *tomentosum* Card. (Cardot, 1906b).

Distr. Antarctic, peninsula region (Cardot, 1906b, 1907c, 1908a; Greene, 1968a).

B. indicum Doz. et Molk.

Brachymenium indicum

B. inflexum C. Muell.

Pohlia inflexa

B. jaffuelii Thér.

see ***Bryum canariense*** and ***Bryum campylothecium***

B. julaceum Schrad. ex Gaertn., Meyer et Scherb.

Anomobryum filiforme

B. kermesinum Herz. et Thér. (Herzog and Thériot in Herzog, 1939).

Distr. Southern South America (Herzog, 1939).

B. klinggraeffi Schimp. (Schimper in Klinggraeff, 1858).

Distr. Southern South America (Crundwell and Nyholm, 1964).

* = *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. *fide* Ochi (1979).

B. korothevieziae Sav. et Smirn. (Savich-Ljubitskaya and Smirnova, 1959).

Distr. Antarctic, continental region (Savich-Ljubitskaya and Smirnova, 1959; Savich-Ljubitskaya, 1978).

var. hollerbachii Sav. et Smirn. (Savich-Ljubitskaya and Smirnova, 1960).

Distr. Antarctic, continental region (Savich-Ljubitskaya and Smirnova, 1960; Greene, 1968a).

B. lacustre Brid.**Bryoerythrophyllum recurvirostre****B. laetevirens** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1954; Seki, 1974).

B. laevigatum Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Syn. *Bryum levigatum* Hook. f. et Wils. (Hooker and Wilson *in* Mitten, 1860) *err.*
Bryum crassicaule Dus. (Dusén *in* Paris, 1904a) *nom. nud.*

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivan, 1859; Jaeger, 1875; Bescherelle, 1889; Dusén, 1903a; Paris, 1904a; Cardot, 1905a, 1908a; Campo, 1921; Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1934b, 1935a; Kühnemann, 1938; Herzog, 1938, 1939, 1954; Ochi, 1970; Seki, 1974).

Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Dusén, 1903a; Paris, 1904a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. lamprocarpum C. Muell. (Mueller, 1890a).

Syn. *Zieria lamprocarpa* (C. Muell.) Kindb. (Kindberg, 1891).
Plagiobryum lamprocarpum (C. Muell.) Par. (Paris, 1897).

Distr. Falkland Islands (Kühnemann, 1938).
South Georgia (Mueller, 1890a; Paris, 1897, 1905b; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b).

B. lamprochaete Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1957).

B. lamprocomum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. lanuginosum (Hedw.) Brotero**Racomitrium lanuginosum****B. laticeps** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hosseus, 1937; Kühnemann, 1938).

B. lechleri C. Muell.**Bryum andicola****B. leptotrichum** C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a).

B. leuco-aristatum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

B. levigatum Hook. f. et Wils.**Bryum laevigatum****B. liliputanum** Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

B. linearifolium C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a).

B. litoris Card. (Cardot *in* Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. lonchochaete Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

B. longidens Thér. (Thériot, 1926).

Distr. Southern South America (Campo, 1921; Thériot, 1926).

B. longirostre Brid.**Mnium rostratum****B. lorentzianum** C. Muell.**Rhodobryum lorentzianum****B. maceratum** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1918, 1924a; Kühnemann, 1938).

B. macrocarneum C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. macrochaete Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Donat, 1936a; Kühnemann, 1938; Herzog, 1954).

B. macropelma C. Muell. (Mueller, 1848a).

Distr. Southern South America (Mueller, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Brotherus, 1924a).

B. macrophyllum Card. et Broth. (Cardot and Brotherus, 1923).

Syn. *Bryum macrophyllum* Card. et Broth. *var. latifolium* Broth. (Brotherus *in* Cardot and Brotherus, 1923) *fide* Ochi, 1967.
Bryum megalophyllum Card. (Cardot *in* Cardot and Brotherus, 1923) *nom. nud.*

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Ochi, 1967).

var. latifolium Broth.

Bryum macrophyllum**B. macropoma** C. Muell.**Acidodontium macropoma****B. macrosporum** Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

B. magellanicum (Sull.) C. Muell.**Brachymenium indicum****B. malachiticum** C. Muell.**Brachymenium malachiticum****B. malacophyllum** Broth. (Brotherus *in* Herzog, 1916a).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938; Herzog, 1954).

B. mancum C. Muell.**Mielichhoferia manca****B. megalocarpum** Hook.**Acidodontium megalocarpum****B. megalophyllum** Card.**Bryum macrophyllum****B. megalothecium** Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926; Bartram, 1942, 1943; Herzog, 1957).

B. meyenianum (Hamp.) C. Muell.**Brachymenium meyenianum****B. microglossum** C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1924a; Kühnemann, 1938).

- B. micron** C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).
- B. micro-pendulum** C. Muell. **Bryum nano-pendulum**
- B. microphyllum** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).
- B. minusculum** C. Muell. (Mueller, 1885).
Distr. Southern South America (Mueller, 1885; Dusén, 1903a, 1905d; Paris, 1904a; Cardot, 1908a; Brotherus, 1924a).
- B. miserum** Card. (Cardot, 1905a).
Distr. Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1939).
- B. montevidense** Broth. (Brotherus in Felippone, 1928 [1929]).
Distr. Southern South America (Felippone, 1928; Herter, 1933a).
- B. montevidense** Thér. **Bryum subpercurrente**
- B. mucronatum** C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- B. murale** (Hedw.) L. ex With. **Tortula muralis**
- B. myurella** Dus. **Bryum ellipsifolium**
- B. nanocoma** C. Muell. **Bryum capillare**
- B. nano-pendulum** C. Muell. (Mueller, 1882).
Syn. *Bryum micro-pendulum* C. Muell. (Mueller, 1879b) *hom. illeg.*
Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).
- B. nevadense** C. Muell. **Pohlia nevadensis**
- B. nivale** C. Muell. (Mueller, 1848a).
Distr. Southern South America (Mueller, 1848a; Montagne, 1850; Sullivant, 1859; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Brotherus, 1924a).
- B. nutans** (Hedw.) Turn. **Pohlia nutans**
var. *minus* Hook. **Mielichhoferia longiseta**
- B. obliquatum** Dus. (Dusén in Paris, 1904a) *nom. nud.*
Distr. Southern South America (Paris, 1904a).
- B. obliquum** C. Muell. (Mueller, 1890a).
Distr. South Georgia (Mueller, 1890a; Paris, 1904a; Cardot, 1908a; Steere, 1961b).
- B. obscurum** Card. et Broth. (Cardot and Brotherus, 1923) *hom. illeg.*
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
- B. oediloma** C. Muell. (Mueller in Brotherus, 1895).
Distr. Southern South America (Bartram, 1946).
- B. ongulense*** Hor. et Ando (Horikawa and Ando, 1961).
Distr. Antarctic, continental region (Horikawa and Ando, 1961; Savich-Ljubitskaya and Z. Smirnova, 1972).

* = *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. *fide* Ochi (1979).

- B. orbiculatifolium** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1954; Seki, 1974).
- B. orthodontioides** C. Muell. (Mueller, 1848a).
Distr. Southern South America (Herter, 1943).
- B. orthothecium** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a).
- B. pachyneuron** Dus. (Dusén in Paris, 1904a) *nom. nud.*
Distr. Southern South America (Paris, 1904a).
- B. pallescens** Schleich. *ex* Schwaegr. (Schleicher *ex* Schwaegrichen, 1816).
Syn. *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. ssp. *pallescens* (Schwaegr.) Dix. (Dixon, 1924b).
Distr. Southern South America (Wilson and Hooker, 1847).
Falkland Islands (Wilson and Hooker, 1847; Kühnemann, 1938).
- B. pallidipes** C. Muell. (Mueller, 1897a).
Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1924a; Kühnemann, 1938).
- B. pallido-viride** Card. (Cardot, 1905a).
Distr. Southern South America (Cardot, 1905a, 1908a; Kühnemann, 1938; Herzog, 1957).
- B. palustre** (Hedw.) Gaertn., Meyer et Scherb. **Aulacomnium palustre**
- B. papillosum** C. Muell. **Pohlia papillosa**
- B. parvirete** Dus. (Dusén in Paris, 1904a) *nom. nud.*
Distr. Southern South America (Paris, 1904a).
- B. parvulum** Card. (Cardot, 1906a) *hom. illeg.*
Distr. Southern South America (Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
South Georgia (Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b).
- B. parvulum** Broth. (Brotherus in Felippone, 1928 [1929]) *hom. illeg.*
Distr. Southern South America (Felippone, 1928; Herter, 1933a).
- B. patens** Hook. f. et Wils. **Bryum rigidum**
- B. pauperculum** Bartr. (Bartram, 1946).
Distr. Southern South America (Bartram, 1946).
- B. pellucens** Hook. **Orthodontium pellucens**
- B. perangustidens*** Card. (Cardot, 1911b, d).
Distr. Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Brotherus, 1924a; Steere, 1961a).
- B. perlimbatum** Card. (Cardot, 1905a).
Syn. *Bryum hamatum* Dus. (Dusén, 1903a) *nom. nud. pro parte fide* Seki, 1974.
Distr. Southern South America (Dusén, 1903a; Paris, 1906; Cardot and Brotherus, 1923; Herzog, 1923, 1954; Seki, 1974).
Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Ochi, 1970, 1972).

* = *Bryum pseudotriquetrum* (Hedw.) Gaertn., Meyer et Scherb. *fide* Ochi (1979).

B. pertenerum† Thér. (Thériot, 1926).

Distr. Southern South America (Campo, 1921; Thériot, 1926).

B. pertomentosum Dus. (Dusén *in* Paris, 1904a) *nom. nud.*

Distr. Southern South America (Paris, 1904a).

B. pertriste C. Muell. (Mueller, 1882).

Syn. *Bryum triste* C. Muell. (Mueller, 1879a) *hom. illeg.*

Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1904a; Brotherus, 1924a).

B. phallus C. Muell. (Mueller, 1875).

Distr. Southern South America (Mueller, 1875; Jaeger and Sauerbeck, 1879b; Paris, 1904a).

B. philippianum C. Muell.

Bryum capillare

B. philippii C. Muell. *ex* Kindb.

Bryum capillare

B. philonotum C. Muell.

Mniobryum philonotum

B. philonotoides C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

B. philonotula C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. piriforme Par.

Leptobryum pyriforme

B. platense C. Muell.

Rhodobryum platense

B. platyphylloides C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. platyphyllum (Schwaegr.) C. Muell. (Mueller, 1848a).

Syn. *Pohlia platyphylla* Schwaegr. (Schwaegrichen, 1842).

Distr. Southern South America (Schwaegrichen, 1842; Mueller, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Brotherus, 1924a).

B. pluricolor Dus. *ex* Thér. (Dusén *ex* Thériot, 1917b).

Distr. Southern South America (Thériot, 1917b).

B. polycarpum Mitt.

Pohlia polycarpa

B. pomiforme (Hedw.) With.

Bartramia pomiformis

B. porteri Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

B. posthumum C. Muell. (Mueller, 1897a).

Syn. *Bryum pseudogemmatum* Card. (Cardot *in* Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1924a; Kühnemann, 1938).
Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. pseudo-acidodontium C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. pseudo-fallax Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. pseudogemmatum Card.

Bryum posthumum

B. pseudo-micron C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. pseudothyridium Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

B. pseudotriquetrum (Hedw.) Gaertn., Meyer et Scherb. (Gärtner and others, 1802).

Syn. *Mnium pseudo-triquetrum* Hedw. (Hedwig, 1801).

Hypnum pseudotriquetrum (Hedw.) Web. et Mohr (Weber and Mohr, 1807).

Bryum ventricosum Dicks. *ex* Relh. (Dickson *ex* Relhan, 1802) *nom. illeg.*

Bryum ventricosum Relh. var. *pseudotriquetrum* (Hedw.) Hamp. (Hampe, 1837a) *nom. illeg.*

Hypnum ventricosum Web. et Mohr (Weber and Mohr, 1803) *nom. illeg.*

Bryum bimum (Scherb.) Turn. ssp. *pseudotriquetrum* (Hedw.) Dix. (Dixon, 1896) *hom. illeg.*

Bryum yendangaianum Card. (Cardot *in* Cardot and Brotherus, 1923) *nom. nud.*

Bryum hickenii Herz. (Herzog, 1926) *fide* Seki, 1974.

Distr. Southern South America (Cardot and Brotherus, 1923; Herzog, 1926; Hosseus, 1938c, d; Kühnemann, 1938; Bartram, 1952; Ochi, 1970; Şeki, 1974).

ssp. bimum (Schreb.) Hartm. (Hartman, 1849).

Syn. *Mnium bimum* Schreb. (Schrebius, 1802).

Bryum bimum (Schreb.) Turn. (Turner, 1804a).

Hypnum bimum (Schreb.) Web. et Mohr (Weber and Mohr, 1803).

Bryum ventricosum Relh. var. *bimum* (Schreb.) Hamp. (Hampe, 1837a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Kühnemann, 1938).

ssp. pallescens (Schwaegr.) Dix.

Bryum pallescens

B. puconense Herz. et Thér. (Herzog and Thériot *in* Herzog, 1938).

Distr. Southern South America (Herzog, 1938).

B. pulchellum Hedw.

Mniobryum pulchellum

B. pulvinatum C. Muell.

Pohlia nutans

B. pumilum C. Muell. (Mueller *in* Brotherus, 1918) *nom. nud.*

Distr. Southern South America (Brotherus, 1918; Kühnemann, 1938).

B. purpuratum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. pycnodictyum C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

B. pycnotylum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a).

B. pyriforme (Hedw.) Gaertn., Meyer et Scherb.

Leptobryum pyriforme

var. *antarcticum* C. Muell.

Leptobryum pyriforme* var. *antarcticum

var. *fuegianum* C. Muell.

Leptobryum pyriforme* var. *fuegianum

B. pyrrhothrix C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. raminerve C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

† = *Bryum funkii* Schwaegr. *fide* Ochi (1977).

B. redboonii Donat (Donat, 1936a).

Syn. *Bryum donati* Herz. et Thér. (Herzog and Thériot *in* Donat, 1936b) *hom. illeg.*

Distr. Southern South America (Donat, 1936a, b; Kühnemann, 1938).

B. reichertii Herz.***Bryum erythrocarpoides*****B. revolutum** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. rhizoblastum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. rigidulum (Hedw.) Dicks.***Didymodon rigidulus*****B. rigidum** (Hornsch.) C. Muell. (Mueller, 1848a) *hom. illeg.*

Syn. *Mnium rigidum* Hornsch. (Hornschuch, 1840).

Rhodobryum rigidum (Hornsch.) Par. (Paris, 1897).

Bryum patens Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844) *hom. illeg.*

Distr. Southern South America (Hornschuch, 1840; Mueller, 1848a; Mitten, 1869; Gibert, 1873; Jaeger, 1875; Hampe, 1879; Paris, 1897, 1904a; Herter, 1928, 1933a).

B. rigochaete Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. rimicola Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. rivale C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1904a; Kühnemann, 1938).

B. roivainenii Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

B. roseolum C. Muell. (Mueller, 1879a).

Syn. *Rhodobryum roseolum* (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879a; Paris, 1897, 1904a; Brotherus, 1924a; Kühnemann, 1938).

B. rostratum (Schrad.) Sm.***Mnium rostratum*****B. rosulans** C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1924a).

B. rubellicaulis C. Muell. *or* Dus. (Mueller *or* Dusén *in* Neger, 1899) *nom. nud.*

Distr. Southern South America (Neger, 1899).

B. rubinerve Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. rurale (Hedw.) L. *ex* With.***Tortula ruralis*****B. sabuletorum** Broth. et Card. (Brotherus and Cardot *in* Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. schilleri Herz. (Herzog, 1916b).

Distr. Southern South America (Herzog, 1916b).

B. schleicheri Cand. (de Candolle, 1815).

Syn. *Mnium schleicheri* (Cand.) Brid. (Bridel, 1817).

Bryum turbinatum (Hedw.) Turn. ssp. *schleicheri* (Cand.) Kindb. (Kindberg, 1883).

Bryum turbinatum (Hedw.) Turn. var. *schleicheri* (Cand.) Fuernr. (Fürnrohr, 1829).

Distr. Southern South America (Amann, 1924; Thériot, 1926).

var. patagonicum Broth. (Brotherus in Cardot and Brotherus, 1923).

Syn. *Bryum hallei* Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. schnyderi C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Kühnemann, 1938).

B. semi-reticulatum C. Muell.

Anomobryum semireticulatum

B. senopyxis C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Brotherus, 1924a (as *B. stenopyxis*); Kühnemann, 1938).

B. senopyxoides C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. siplei Bartr.

Bryum argenteum

B. skottsbergii Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. spegazzinii C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Dusén, 1903a; Paris, 1904a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

B. sphagnadelphus C. Muell.

Pohlia nutans

B. splachnobryoides C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

B. steffenii Dus. ex Herz. (Dusén ex Herzog, 1926).

Distr. Southern South America (Paris, 1904a; Herzog, 1926; Seki, 1974).

B. subclavatum Thér. (Thériot, 1926).

Distr. Southern South America (Campo, 1921; Thériot, 1926).

B. subgracillimum Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

B. sublamprocarpum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a).

B. submicrolaevigatum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. subpercurrente Thér. (Thériot in Felippone, 1930).

Syn. *Bryum montevidense* Thér. (Thériot in Felippone, 1928 [1929]) *hom. illeg.*

Distr. Southern South America (Felippone, 1928, 1930; Herter, 1933a).

B. synoico-crudum C. Muell.

Pohlia cruda

B. tenuicaule Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1846, 1850, 1856; Mueller, 1848a; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Costes, 1921; Brotherus, 1924a).

B. tenuirete Dus. ex Card. (Dusén ex Cardot, 1905a).

Distr. Southern South America (Dusén, 1903a; Paris, 1904a; Cardot, 1905a, 1908a; Brotherus, 1924a).

B. terminale C. Muell.

Anomobryum terminale

B. torquescens B.S.G.

Bryum capillare* ssp. *torquescens

B. tortuosum (Hedw.) L. ex With.

Tortella tortuosa

B. triste C. Muell.

Bryum pertriste

B. truncatulum L. ex With.

Pottia truncata

B. truncatum (Hedw.) Brotero

Pottia truncata

B. truncorum (Brid.) Brid. (Bridel, 1819).

Syn. *Mnium truncorum* Brid. (Bridel, 1817).

Distr. Southern South America (Kühnemann, 1938).
Falkland Islands (Wilson and Hooker, 1847).

B. turbinatum (Hedw.) Turn. (Turner, 1804a).

Syn. *Mnium turbinatum* Hedw. (Hedwig, 1801).

Hypnum turbinatum (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Mnium bimum Schreb. var. *turbinatum* (Hedw.) Wahlenb. (Wahlenberg, 1826).

Distr. Southern South America (Herzog, 1923; Seki, 1974).

ssp. *schleicheri* (Cand.) Kindb.

Bryum schleicheri

var. *patagonicum* Broth. (Brotherus in Herzog, 1923) *nom. nud.*

Distr. Southern South America (Herzog, 1923).

var. *schleicheri* (Cand.) Fuernr.

Bryum schleicheri

B. uliginosum (Brid.) B.S.G. (Bruch and others, 1839).

Syn. *Cladodium uliginosum* Brid. (Bridel, 1827a).

Distr. Southern South America (Ochi, 1967).

B. unguiculatum (Hedw.) With.

Barbula unguiculata

B. uruguense C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

B. uspallatense Herz. (Herzog, 1916b).

Distr. Southern South America (Herzog, 1916b).

var. *turgidum* Herz. (Herzog, 1916b).

Distr. Southern South America (Herzog, 1916b).

B. uvidum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

B. vagans Hook. f. et Wils.

Philonotis vagans

B. valdiviae Lor. (Lorentz, 1864).

Distr. Southern South America (Lorentz, 1864, 1866; Jaeger, 1875; Brotherus, 1924a).

B. valparaisense Thér. (Thériot, 1917b).

Distr. Southern South America (Thériot, 1917b; Costes, 1921; Brotherus, 1924a; Herzog, 1938).

- B. ventricosum* Dicks. *ex* Relh. ***Bryum pseudotriquetrum***
 var. *bimum* (Schreb.) Hamp. ***Bryum pseudotriquetrum* ssp. *bimum***
 var. *pseudotriquetrum* (Hedw.) Hamp. ***Bryum pseudotriquetrum***
- B. vernicosum* Dus. (Dusén, 1903a) *hom. illeg.*
Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Kühnemann, 1938; Herzog, 1957).
- B. violaceum*** Crundw. et Nyh. (Crundwell and Nyholm, 1963).
Distr. Southern South America (Crundwell and Nyholm, 1963, 1964).
- B. viridatum* C. Muell. ***Pohlia cruda***
- B. vulcanicum* Dus. (Dusén *in* Paris, 1904a) *nom. nud.*
Distr. Southern South America (Paris, 1904a).
- B. wahlenbergii* (Web. et Mohr) Schwaegr. ***Pohlia wahlenbergii***
- B. weberoides*** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
- B. weisii* Dicks. *ex* With. ***Ditrichum heteromallum***
B. wilsonii Mitt. ***Leptobryum wilsonii***
B. yendangaianum Card. ***Bryum pseudotriquetrum***
- B. zeballosicum*** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
- Bryum* sp.**
Syn. *Hypnum aquicola* C. Muell. (Mueller, 1879a).
Sematophyllum aquicola (C. Muell.) Kindb. (Kindberg, 1888).
Distr. Southern South America (Mueller, 1879a; Paris, 1900a, 1904a; Kurtz, 1904; Hosseus, 1935b; Kühnemann, 1938).
- Bucklandia hom. illeg.*
B. bartramii Roiv. ***Racomitrium bartramii***
- Bucklandiella***
B. bartramii Roiv. ***Racomitrium bartramii***
- Callicostella****
C. incurva (Hornsch.) Aongstr. ***Hookeriopsis incurva***
- C. scabriuscula*** (C. Muell.) Jaeg. (Jaeger, 1877).
Syn. *Hookeria scabriuscula* C. Muell. (Mueller, 1848b).
Distr. Southern South America (Mueller, 1848b, 1851a; Mitten, 1869; Jaeger, 1877; Paris, 1904b; Brotherus, 1925).
- Calliergidium***
C. austro-stramineum (C. Muell.) Bartr. (Bartram, 1946).
Syn. *Hypnum austro-stramineum* C. Muell. (Mueller, 1890a).
Drepanocladus austro-stramineus (C. Muell.) Broth. *ex* Par. (Brotherus *ex* Paris, 1909).
Distr. Southern South America (Bartram, 1946; Seki, 1974).
 South Georgia (Mueller, 1890a; Paris, 1904c; Cardot, 1908a; Brotherus, 1925; Dixon, 1932; Steere, 1961b).

* According to Crosby (1975) the generic name should be *Schizomitrium* B.S.G.

Antarctic, peninsula region (Cardot, 1900, 1906*b*; Robinson, 1972).

var. gracillimum (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1965).

Syn. Hypnum austro-stramineum C. Muell. var. *gracillimum* C. Muell. (Mueller, 1890*a*).
Drepanocladus austro-stramineus (C. Muell.) Broth. ex Par. var. *gracillimus* (C. Muell.) Card. et Broth. (Cardot and Brotherus, 1923).

Distr. South Georgia (Mueller, 1890*a*; Cardot, 1908*a*; Dixon, 1932; Steere, 1961*b*).
Antarctic, peninsula region (Cardot, 1901, 1908*a*; Steere, 1961*a*).

var. minus (Card.) Wijk et Marg. (van der Wijk and Margadant, 1965).

Syn. Hypnum austro-stramineum C. Muell. var. *minus* Card. (Cardot, 1906*b*).
Drepanocladus austro-stramineus (C. Muell.) Broth. ex Par. var. *minus* (Card.) Steere (Steere, 1961*a*).

Distr. Antarctic, peninsula region (Cardot, 1906*b*, 1907*c*, 1908*a*; Steere, 1961*a*).

var. subfluitans (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1965).

Syn. Hypnum austro-stramineum C. Muell. var. *subfluitans* C. Muell. (Mueller, 1890*a*).
Drepanocladus austro-stramineus (C. Muell.) Broth. ex Par. var. *subfluitans* (C. Muell.) Steere (Steere, 1961*b*).

Distr. South Georgia (Mueller, 1890*a*; Cardot, 1906*a*, 1908*a*; Steere, 1961*b*).

Calliergon

C. cuspidatum (Hedw.) Kindb.

Calliergonella cuspidata

C. sarmentosum (Wahlenb.) Kindb. (Kindberg, 1894).

Syn. Hypnum sarmentosum Wahlenb. (Wahlenberg, 1812).
Amblystegium sarmentosum (Wahlenb.) De Not. (De Notaris, 1867).
Acroceratium sarmentosum (Wahlenb.) Mitt. (Mitten in Reid and Ridley, 1888).
Acrocladium sarmentosum (Wahlenb.) Richs. et Wall. (Richards and Wallace, 1950).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Bartram, 1946).
South Georgia (Cardot, 1906*a*, 1908*a*; Brotherus, 1925; Dixon, 1932; Steere, 1961*b*; Newton, 1979*b*).
Antarctic, peninsula region (Cardot, 1906*a*, 1908*a*; Brotherus, 1925; Steere, 1961*a*; Robinson, 1972).

C. stramineum (Brid.) Kindb. (Kindberg, 1894).

Syn. Hypnum stramineum Dicks. ex Brid. (Dickson ex Bridel, 1801*b*).
Amblystegium stramineum (Brid.) De Not. (De Notaris, 1867).
Acrocladium stramineum (Brid.) Richs. et Wall. (Richards and Wallace, 1950).

Distr. Southern South America (Donat, 1936*a*; Seki, 1974).

Calliergonella

C. cuspidata (Hedw.) Loesk. (Loeske, 1911).

Syn. Hypnum cuspidatum Hedw. (Hedwig, 1801).
Acrocladium cuspidatum (Hedw.) Lindb. (Lindberg, 1879).
Calliergon cuspidatum (Hedw.) Kindb. (Kindberg, 1894).
Cuspidaria fulvo-acuta C. Muell. (Mueller, 1897*a*).
Hypnum fulvo-acutum (C. Muell.) Par. (Paris, 1900*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*c*; Brotherus, 1925; Kühnemann, 1938).

Calliergonella hom. illeg.

C. complanata Card. et Broth.

Catagonium politum

C. nitida (Hook. f. et Wils.) Card.

Catagonium nitidum

Calymperes

C. fasciculatum (Hook. et Grev.) Mitt.

Thyridium fasciculatum

C. glaziovii Hamp. (Hampe, 1878).

Distr. Southern South America (Hosseus, 1940).

Calyptopogon

C. crispatus (C. Muell.) Broth.

Calyptopogon mnioides

C. mnioides (Schwaegr.) Broth. (Brotherus, 1902).

Syn. *Barbula mnioides* Schwaegr. (Schwaegrichen, 1842).
Tortula mnioides (Schwaegr.) Mont. (Montagne, 1850).
Streptopogon mnioides (Schwaegr.) Mitt. (Mitten, 1860).
Syntrichia crispata C. Muell. (Mueller, 1897a).
Streptopogon crispatus (C. Muell.) Par. (Paris, 1898).
Barbula crispata C. Muell. ex Par. (Mueller ex Paris, 1900a) *nom. inval.*
Calyptopogon crispatus (C. Muell.) Broth. (Brotherus, 1902).
Platylomidium crispata C. Muell. (Mueller in Salmon, 1903) *nom. nud.*

Distr. Southern South America (Schwaegrichen, 1842; Montagne, 1850; Mitten, 1860, 1869; Lorentz, 1866; Jaeger, 1873; Mueller, 1897a; Paris, 1898, 1904a; Brotherus, 1902, 1924a; Salmon, 1903; Dusén, 1906; Cardot, 1908a; Thériot, 1921a; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1960; Reimers, 1926; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

var. *prostratus* (Mont.) Par.

Tortula prostrata

Camptochaete

C. arbusculans Broth. ex Bartr.

Camptochaete orbiculata

C. gracilis (Hook. f. et Wils.) Par. (Paris, 1894).

Syn. *Hypnum gracile* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844) *hom. illeg.*
Isothecium gracile Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).
Stereodon gracilis (Hook. f. et Wils.) Mitt. (Mitten, 1860).
Microthamnium gracile (Hook. f. et Wils.) Jaeg. (Jaeger, 1878).
Porotrichum gracile (Hook. f. et Wils.) Mitt. (Mitten, 1883).
Hypnum gracilescens C. Muell. (Mueller, 1851a) *hom. illeg.*
Hypnum micans Wils. var. *laxum* Hook. f. (Wilson and Hooker, 1847) *fide* Mueller, 1851a.

Distr. Southern South America (Wilson and Hooker, 1847; Paris, 1904a; Brotherus, 1907, 1925).

C. orbiculata (Thér.) Robins. (Robinson, 1970b).

Syn. *Weymouthia orbiculata* Thér. (Thériot, 1934b [1935]).
Camptochaete arbusculans Broth. ex Bartr. (Brotherus ex Bartram, 1946) *fide* Robinson, 1970b.

Distr. Southern South America (Paris, 1904a; Brotherus, 1925; Roivainen, 1934; Thériot, 1934b; Herzog, 1938, 1940, 1957, 1960; Bartram, 1946; Robinson, 1970b).

Camptodontium

C. brotheri Dus.

Camptodontium cryptodon

var. ***grandirete*** Dus. (Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Cardot, 1908a).

C. cryptodon (Mont.) Reim. (Reimers, 1936).

Syn. *Weisia cryptodon* Mont. (Montagne, 1845a).
Dicranum cryptodon (Mont.) Mitt. (Mitten, 1869).
Dicranoweisia cryptodon (Mont.) Par. (Paris, 1895).
Grimmia cryptodon (Mont.) Hamp. (Hampe in Reimers, 1936) *nom. inval.*
Dicranoweisia tenella Dus. (Dusén, 1903a) *nom. nud.*
Camptodontium brotheri Dus. (Dusén, 1905b).
Bryopteris chilensis Thér. (Thériot, 1933).

Distr. Southern South America (Montagne, 1845a, 1850; Mueller, 1849; Mitten, 1869; Jaeger,

1870; Paris, 1895, 1904a, b; Neger, 1899; Dusén, 1903a, 1905b, 1907; Cardot, 1908a; Campo, 1921; Brotherus, 1924a; Reimers, 1926, 1936; Thériot, 1933; Roivainen, 1934; Herzog, 1938, 1954, 1957, 1960; Seki, 1974).

Campylium

C. polygamum (B.S.G.) C. Jens. (Jensen *in* Lange and Jensen, 1887).

Syn. *Amblystegium polygamum* B.S.G. (Bruch and others, 1853).

Hypnum polygamum (B.S.G.) Wils. (Wilson, 1855).

Chrysohypnum polygamum (B.S.G.) Loesk. (Loeske, 1903).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938; Seki, 1974).

C. radicale (P. Beauv.) Grout (Grout, 1929).

Syn. *Hypnum radicale* P. Beauv. (Palisot de Beauvois, 1805a).

Amblystegium radicale (P. Beauv.) Mitt. (Mitten, 1869) *hom. illeg.*

Distr. Southern South America (Bizot and Piovano, 1953; Piovano, 1954).

C. squarroso-byssoides C. Muell. (Mueller, 1897a).

Syn. *Hypnum squarroso-byssoides* (C. Muell.) Par. (Paris, 1900a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

Campylopodium

C. flaccidum Herz. (Herzog, 1926).

Distr. Southern South America (Herzog, 1926; Seki, 1974).

Campylopus

C. aberrans Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Frahm, 1975a, 1976a).

var. viridis Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b; Frahm, 1975a).

C. acuminatus Mitt. (Mitten, 1869).

Syn. *Dicranum acuminatum* (Mitt.) C. Muell. (Mueller, 1885).

Distr. Southern South America (Mitten, 1869; Jaeger, 1872; Mueller, 1885; Paris, 1904a; Cardot, 1908a; Frahm, 1975a, 1976a).

C. alopecurus (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Dicranum alopecurus* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938; Frahm, 1975a).

C. amabilis (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Dicranum amabile* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1938c, d; Kühnemann, 1938; Frahm, 1975a).

C. arctocarpus (Hornsch.) Mitt. (Mitten, 1869).

Syn. *Dicranum arctocarpum* Hornsch. (Hornshuch, 1840).

Thysanomitrion scabrisetum Hampe. (Hampe, 1844).

Distr. Southern South America (Hornshuch, 1840; Hampe, 1844; Mueller, 1848a; Mitten, 1869; Jaeger, 1872; Gibert, 1873; Paris, 1904a; Brotherus, 1924a; Herter, 1933a; Frahm, 1975a).

- C. arenicola* (C. Muell.) Mitt. ***Campylopus surinamensis***
- C. areodictyon*** (C. Muell.) Mitt. (Mitten, 1869).
Syn. *Dicranum areodictyon* C. Muell. (Mueller, 1848a).
Distr. Juan Fernandez (Brotherus, 1924b; Espinosa, B., 1941; Frahm, 1975a, 1976a).
- C. asperifolius* Mitt. ***Dicranodontium asperifolium***
- C. atratus* Schimp. ***Campylopus patagonicus***
- C. aurificus* (C. Muell.) Kindb. ***Campylopus introflexus***
- var. *flavescens*** (C. Muell.) Par. (Paris, 1894).
Syn. *Dicranum aurificum* C. Muell. var. *flavescens* C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1894).
- C. austro-alpinus*** (C. Muell.) Kindb. (Kindberg, 1889).
Syn. *Dicranum austro-alpinum* C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1904a; Kühnemann, 1938; Frahm, 1975a).
- C. berteroanus* Dub. ***Campylopus introflexus***
- C. berteroi* Dub. ex Kindb. ***Campylopus introflexus***
- C. birgeri*** Card. (Cardot, 1905a).
Distr. Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Frahm, 1975a).
- C. blindiaceus* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- C. blindioides*** Broth. (Brotherus, 1924b).
Distr. Juan Fernandez (Brotherus, 1924b, 1925; Frahm, 1975a, 1976a; Robinson, 1975).
- C. brachythysanos*** (C. Muell.) Par. (Paris, 1900a).
Syn. *Dicranum brachythysanos* C. Muell. (Mueller, 1897a).
Distr. Southern South America (Mueller, 1897a; Paris, 1900a; Frahm, 1975a).
- C. cacti*** (C. Muell.) Kindb. (Kindberg, 1889).
Syn. *Dicranum cacti* C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1904a; Kühnemann, 1938; Frahm, 1975a).
- C. campoanus*** Thér. (Thériot, 1918).
Distr. Southern South America (Thériot, 1918; Campo, 1921; Brotherus, 1924a; Herzog, 1938, 1939; Frahm, 1975a, 1976a).
- C. canescens*** (C. Muell.) Schimp. (Schimper *in* Jaeger, 1872).
Syn. *Dicranum canescens* C. Muell. (Mueller, 1859).
Dicranum perincanum C. Muell. (Mueller, 1885) *fide* Frahm, 1975a.
Campylopus perincanus (C. Muell.) Kindb. (Kindberg, 1888) *fide* Frahm, 1975a.
Distr. Southern South America (Mueller, 1885; Paris, 1904a; Cardot, 1905a, 1908a; Kühnemann, 1938; Frahm, 1975a, 1976a).
 Falkland Islands (Mueller, 1859; Jaeger, 1872; Paris, 1904a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938; Frahm, 1975a, 1976a).
- C. carbonicolus*** Thér. (Thériot, 1918).
Distr. Southern South America (Thériot, 1918; Campo, 1921; Frahm, 1975a, 1976a).

C. carinatus C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a; Brotherus, 1924a; Kühnemann, 1938; Frahm, 1975a).

C. chalarobasis C. Muell. ex Thér. (Mueller ex Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b; Frahm, 1975a, 1976a).

C. chilensis De Not. (De Notaris, 1859).

Distr. Southern South America (De Notaris, 1859; Mitten, 1869; Jaeger, 1872; Paris, 1904a; Brotherus, 1924a; Frahm, 1975a).

C. chrismarii (C. Muell.) Mitt. (Mitten, 1869).

Syn. *Dicranum chrismarii* C. Muell. (Mueller, 1855).

Distr. Juan Fernandez (Frahm, 1975a).

C. clavatus (R. Brown) Wils. (Wilson, 1854).

Syn. *Dicranum clavatum* R. Brown (R. Brown in Schwaegrichen, 1829).

Campylopus leptodus Mont. (Montagne, 1845a).

Trichostomum leptodum (Mont.) Mitt. (Mitten in Hooker, 1867).

Pilopogon leptodus (Mont.) Broth. (Brotherus, 1901).

Thysanomitron leptodus (Mont.) Broth. (Brotherus in Skottsberg, 1914).

Campylopus corralensis Broth. (Brotherus in Paris, 1904a) *nom. nud.*

Campylopus montagnei De Not. (De Notaris, 1859) *fide* Frahm, 1975a.

Distr. Juan Fernandez (Mitten, 1885; Paris, 1900a, 1905a; Skottsberg, 1914; Brotherus, 1924b; Bartram, 1959; Frahm, 1975a, 1976a; Robinson, 1975).

Southern South America (Montagne, 1845a, 1850, 1856; De Notaris, 1859; Mitten, 1869; Jaeger, 1872; Brotherus, 1901, 1924a; Paris, 1904a, 1905a; Dusén, 1905a; Cardot, 1908a; Herzog, 1923, 1938; Thériot, 1925a, 1935a; Bartram, 1952; Frahm, 1975a, 1976a, b).

C. concolor (Hook.) Brid. (Bridel, 1826).

Syn. *Dicranum concolor* Hook. (Hooker, 1816).

Distr. Southern South America (Bartram, 1965; Frahm, 1975a).

C. corralensis Broth.***Campylopus clavatus*****C. crassissimus** Besch. (Bescherelle, 1885a).

Syn. *Campylopus sordido-nigrinus* Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Bescherelle, 1885a, 1889; Dusén, 1903a, 1905c; Paris, 1904a; Cardot, 1908a; Brotherus, 1924a; Roivainen, 1934; Frahm, 1975a, 1976a).

C. cummingii Dub. (Duby, 1870).

Distr. Southern South America (Duby, 1870; Jaeger and Sauerbeck, 1879b; Paris, 1904a).

C. curvatifolius Card. (Cardot, 1905a).

Distr. Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Frahm, 1975a).

C. fernandezianus Card. (Cardot in Skottsberg, 1914) *nom. nud.*

Distr. Southern South America (Skottsberg, 1914).

C. fernandezianus Bartr. (Bartram, 1959).

Distr. Juan Fernandez (Bartram, 1959; Frahm, 1975a, 1976a).

C. fibrobasis Dus.***Campylopus torquatus*****C. flavissimus** (C. Muell.) Besch. (Bescherelle, 1885a).

Syn. *Dicranum flavissimus* C. Muell. (Mueller, 1885).

Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1885; Cardot, 1901, 1908a; Paris, 1904a; Dusén, 1905c; Brotherus, 1924a; Frahm, 1975a, 1976a).

C. flavo-nigrinus Dus. (Dusén, 1905c).

Distr. Southern South America (Dusén, 1903a, 1905c; Paris, 1904a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Frahm, 1975a, 1976a).

C. flavo-viridis Dus. (Dusén, 1905c).

Distr. Southern South America (Paris, 1904a; Dusén, 1905c; Cardot, 1908a; Seki, 1974; Frahm, 1975a, 1976a).

C. flexuosus (Hedw.) Brid. (Bridel, 1819).

Syn. *Dicranum flexuosum* Hedw. (Hedwig, 1801).

Dicranum flexuosum Hedw. var. minus Schwaegr. (Schwaegrichen in Gaudichaud, 1826 [1828]) *nom. nud.*

Distr. Southern South America (Montagne, 1850).
Falkland Islands (Dumont D'Urville, 1825; Gaudichaud, 1825, 1826; Bridel, 1827b).

C. fuegianus Dus. (Dusén, 1905c).

Distr. Southern South America (Dusén, 1905c; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Frahm, 1975a, 1976a).

C. fuscatus Besch. (Bescherelle, 1891).

Distr. Southern South America (Bescherelle, 1891; Paris, 1904a; Felippone, 1912; Herter, 1933a; Frahm, 1975a).

C. fusco-luteus Card. (Cardot in Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

C. gaudichaudii Besch. (Bescherelle, 1891).

Distr. Southern South America (Bescherelle, 1891; Paris, 1904a; Frahm, 1975a).

C. grimmioides (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Dicranum grimmioides* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938; Frahm, 1975a).

C. griseus (Hornsch.) Jaeg. (Jaeger, 1872).

Syn. *Thysanomitrium griseum* Hornsch. (Hornschuch, 1840).
Dicranum griseum (Hornsch.) C. Muell. (Mueller, 1848a).
Dicranum recurvipilum C. Muell. (Mueller, 1900).
Campylopus recurvipilus (C. Muell.) Par. (Paris, 1904a).

Distr. Southern South America (Hornschuch, 1840; Mueller, 1848a; Jaeger, 1872; Paris, 1904a; Felippone, 1912; Herter, 1933a, 1943; Frahm, 1975a).

C. guaitecae Dus. (Dusén, 1905c).

Distr. Juan Fernandez (Frahm, 1976a).
Southern South America (Paris, 1904a; Dusén, 1905c; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1934b; Roivainen and Bartram, 1937; Kühnemann, 1938; Frahm, 1975a, 1976a).

C. hamatus Bartr. (Bartram in Roivainen and Bartram, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937; Frahm, 1975a, 1976a).

C. humifugus (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Dicranum humifugum* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938; Frahm, 1975a).

C. incrassatus C. Muell. (Mueller, 1844b [1845]).

Syn. *Dicranum incrassatum* (C. Muell.) C. Muell. (Mueller, 1848a).

Distr. Southern South America (Mueller, 1844b, 1847c, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1872; Paris, 1904a; Dusén, 1905c; Thériot, 1917b; Costes, 1921; Brotherus, 1924a; Espinosa B., 1924; Herzog, 1938, 1960; Frahm, 1975a, 1976a).

C. introflexus (Hedw.) Brid. (Bridel, 1819).

Syn. *Dicranum introflexum* Hedw. (Hedwig, 1801).

Thysanomitrium introflexum (Hedw.) Arnott (Arnott, 1827).

Campylopus introflexus (Hedw.) Brid. var. *genuinus* Giac. (Giacomini, 1955) *hom. illeg.*

Campylops xanthophyllus Mont. (Montagne, 1845a).

Dicranum xanthophyllum Mont. ex Par. (Montagne ex Paris, 1895).

Dicranum aurificum C. Muell. (Mueller, 1882) *fide* Frahm, 1975a.

Campylopus aurificus (C. Muell.) Kindb. (Kindberg, 1889) *fide* Frahm, 1975a.

Campylopus lechleri Schimp. (Schimper in Lorentz, 1866) *nom. nud. fide* Frahm, 1975a.

Campylopus berteroanus Dub. (Duby, 1875b).

Campylopus berteroi Dub. ex Kindb. (Duby ex Kindberg, 1888) *hom. illeg.*

Campylopus rectipilus C. Muell. (Mueller in Kindberg, 1891) *nom. nud.*

Campylopus nodicaulis C. Muell. (Mueller in Frahm, 1975a) *nom. nud.*

Campylopus latipilis C. Muell. (Mueller in Kindberg, 1891) *nom. nud. fide* Frahm, 1975a.

Distr. Juan Fernandez (Montagne, 1835; Duby, 1875a, b; Jaeger and Sauerbeck, 1879b; Johow, 1896 (as *C. leptodus fide* Brotherus, 1924b); Paris, 1904a; Skottsberg, 1914; Brotherus, 1924b; Thériot, 1927b; Espinosa B., 1941; Bartram, 1959; Frahm, 1974, 1975a; Robinson, 1975).

Southern South America (Hornschuch, 1840; Mueller, 1844b; Montagne, 1845a, 1846, 1850, 1856; Lorentz, 1866; Mitten, 1869; Jaeger, 1872; Gibert, 1873; Paris, 1895, 1904a; Dusén, 1905c; Cardot 1908a; Campo, 1915, 1921; Thériot, 1918; Brotherus, 1924a, c; Reijmers, 1926; Herter, 1928, 1933a, b, 1939b; Roivainen and Bartram, 1937; Hosseus, 1938c, d; Herzog, 1938, 1939, 1954, 1960; Espinosa B., 1941; Skottsberg, 1950; Bartram, 1952; Giacomini, 1955; Bizot, 1967; Seki, 1974; Frahm, 1974, 1975a, 1976a, b).

Falkland Islands (Wilson and Hooker, 1847; Mueller, 1848a; Jaeger, 1872; Cardot, 1905a; 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938; Giacomini, 1955; Frahm, 1974, 1975a).

var. brachycarpus Giac. (Giacomini, 1955).

Distr. Southern South America (Giacomini, 1955; Frahm, 1975a).

var. cordobaensis Thér.***Campylopus pilifer*****var. genuinus** Giac.***Campylopus introflexus* var. *introflexus*****C. jamesonii** (Hook.) Jaeg. (Jaeger, 1872).

Syn. *Dicranum jamesonii* Hook. (Hooker, 1837).

Distr. Southern South America (Frahm, 1975a).

C. jugorum Herz. (Herzog, 1909).

Distr. Southern South America (Hosseus, 1938c, d, 1939; Frahm, 1975a).

C. kunkelii Bartr. (Bartram, 1959).

Distr. Juan Fernandez (Bartram, 1959; Frahm, 1975a, 1976a; Robinson, 1975).

C. laetivirens (Broth.) Frahm (Frahm, 1975a) *hom. illeg.*

Syn. *Thysanomitrium laetivirens* Broth. (Brotherus, 1924c) *fide* Frahm, 1975a.

Distr. Southern South America (Frahm, 1975a, b, 1976a).

C. laniger (C. Muell.) Besch.***Chorisodontium lanigerum*****C. latipilus** C. Muell.***Campylopus introflexus*****C. laxiretis** Bartr.***Campylopus masafuerae***

- C. lechleri* Schimp. ***Campylopus introflexus***
- C. leptodus* Mont. ***Campylopus clavatus***
- C. lorentzii* C. Muell. ex Par. ***Conostomum lorentzii***
- C. maulensis* Broth. (Brotherus *in* Espinosa B., 1941) *nom. nud.*
Distr. Southern South America (Espinosa B., 1941).
- C. masafuerae*** Frahm (Frahm, 1975a).
Syn. *Campylopus laxiretis* Bartr. (Bartram, 1959) *hom. illeg. fide* Frahm, 1975a.
Distr. Juan Fernandez (Bartram, 1959; Frahm, 1975a, 1976a).
- C. modestus*** Card. (Cardot, 1905a).
Distr. Southern South America (Herzog, 1938, 1939; Frahm, 1975a, 1976a).
 Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a;
 Kühnemann, 1938; Frahm, 1975a, 1976a).
var. *deciduus* Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938; Frahm, 1975a).
- C. montagnei* De Not. ***Campylopus clavatus***
- C. morenoi*** (C. Muell.) Par. (Paris, 1900a).
Syn. *Dicranum morenoi* C. Muell. (Mueller, 1897a).
Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Cardot, 1908a; Frahm, 1975a).
- C. mucorinus* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- C. muricatus* Dix. ***Chorisodontium aciphyllum***
- C. nanocaudatus* C. Muell. ***Chorisodontium aciphyllum***
- C. nanotrichus* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- C. nitidus* Thér. ***Campylopus urugensis***
- C. nodicaulis* C. Muell. ***Campylopus introflexus***
- C. occultoviridis* Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a).
- C. orthocomus* (C. Muell.) Besch. ***Chorisodontium aciphyllum***
- C. patagonicus*** Broth. ex Dus. (Brotherus *in* Dusén, 1905c).
Syn. *Campylopus atratus* Schimp. (Schimper *in* Mueller, 1901a [1900]) *nom. nud. fide* Frahm, 1975a.
Distr. Southern South America (Dusén, 1903a, 1905c; Paris, 1904a; Cardot, 1908a;
 Brotherus, 1924a; Kühnemann, 1938; Seki, 1974; Frahm, 1975a, 1976a).
 Falkland Islands (Mueller, 1901a).
- C. perhorridus*** Dus. (Dusén, 1905c).
Syn. *Dicranum perhorridum* (Dus.) Card. (Cardot, 1908a).
Distr. Southern South America (Dusén, 1905c; Cardot, 1908a; Cardot and Brotherus, 1923;
 Brotherus, 1924a; Roivainen and Bartram, 1937; Herzog, 1938; Kühnemann, 1938;
 Frahm, 1975a, 1976a).
- C. perincanus* (C. Muell.) Kindb. ***Campylopus canescens***
- C. permollis*** Thér. (Thériot, 1926).
Distr. Southern South America (Thériot, 1926, 1934b; Frahm, 1975a, 1976a).

C. pilifer Brid. (Bridel, 1819).

Syn. *Campylopus polytrichoides* De Not. (De Notaris, 1838*b*) *fide* Gradstein and Sipman, 1978.

Campylopus introflexus (Hedw.) Brid. var. *cordobaensis* Thér. (Thériot *in* Bauer, 1934) *fide* Gradstein and Sipman, 1978.

Distr. Juan Fernandez (Brotherus, 1924*b*).

Southern South America (Bauer, 1934; Hosseus, 1936, 1937, 1938*c, d*, 1939; Kühnemann, 1938; Espinosa B., 1941; Frahm, 1975*a*; Gradstein and Sipman, 1978).

C. pilopogon C. Muell. (Mueller, 1901*a* [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901*a*).

C. polytrichoides De Not.***Campylopus pilifer*****C. purpureocaulis** Dus. (Dusén, 1905*c*).

Distr. Southern South America (Dusén, 1903*a*, 1905*c*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Herzog, 1954; Seki, 1974; Frahm, 1975*a*, 1976*a*).

C. rectipilus C. Muell.***Campylopus introflexus*****C. recurvifolius** Dus. (Dusén, 1905*c*).

Distr. Southern South America (Dusén, 1905*c*; Brotherus, 1924*a*; Herzog, 1938, 1960; Frahm, 1975*a*, 1976*a*).

C. recurvipilus (C. Muell.) Par.***Campylopus griseus*****C. richardii** Brid. (Bridel, 1819).

Syn. *Thysanomitrium richardii* (Brid.) Schwaegr. (Schwaegrichen, 1823).

Weisia richardii (Brid.) Schwaegr. (Schwaegrichen *in* Bridel, 1826) *nom. inval.*

Grimmia richardii (Brid.) Spreng. (Sprengel, 1827).

Dicranum richardii (Brid.) C. Muell. (Mueller, 1848*a*).

Pilopogon richardii (Brid.) Broth. (Brotherus, 1901).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Espinosa B., 1941; Frahm, 1975*a*, 1976*a*).
Southern South America (Mueller, 1848*a*; Paris, 1905*a*).

C. rigescens Kindb. (Kindberg, 1889) *nom. nud.*

Distr. No locality given; see *Index muscorum*, 1, p. 453.

C. saddleanus (C. Muell.) Besch.***Campylopus vesticaulis*****C. sancti-caroli** Besch. (Bescherelle, 1891).

Distr. Southern South America (Bescherelle, 1891; Paris, 1904*a*; Frahm, 1975*a*).

C. scaberrimus Broth.***Chorisodontium aciphyllum*****C. scabrophyllum** (C. Muell.) Par. (Paris, 1900*a*).

Syn. *Dicranum scabrophyllum* C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*a*; Felippone, 1912; Herter, 1933*a*; Frahm, 1975*a*).

C. senilis Lor. (Lorentz *in* Mueller, 1901*a* [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901*a*).

C. sordido-nigritus Dus.***Campylopus crassissimus*****C. spagazzinii** (C. Muell.) Kindb.***Chorisodontium spagazzinii*****C. spiralis** Dus. (Dusén, 1905*c*).

Distr. Southern South America (Paris, 1904*a*; Dusén, 1905*c*; Cardot, 1908*a*; Thériot, 1934*b*, 1935*a*; Herzog, 1939; Frahm, 1975*a*, 1976*a*).

C. stenocarpus (Hamp.) Jaeg. (Jaeger, 1872).

Syn. *Thysanomitrium stenocarpum* Hamp. (Hampe, 1844).

Dicranum stenocarpum (Hamp.) C. Muell. (Mueller, 1851*a*).

Dicranum stenopus C. Muell. (Mueller, 1848*a*) *nom. illeg.*

Distr. Southern South America (Hampe, 1844; Mueller, 1848a; Jaeger, 1872; Paris, 1904a; Felippone, 1912; Herter, 1933a; Frahm, 1975a).

C. subareodictyon Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Frahm, 1975a, 1976a).

C. subexalaris C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

C. substygius C. Muell. (Mueller *in* Kindberg, 1889) *nom. nud.*

Distr. No locality given, see *Index muscorum*, 1, 458.

C. sulfureo-nigritus Dus. (Dusén, 1905c).

Distr. Southern South America (Dusén, 1903a, 1905c; Paris, 1904a; Cardot, 1908a; Brotherus, 1924a; Frahm, 1975a, 1976a).

C. surinamensis C. Muell. (Mueller, 1848b).

Syn. *Dicranum arenicola* C. Muell. (Mueller, 1855).

Campylopus arenicola (C. Muell.) Mitt. (Mitten, 1869).

Distr. Southern South America (Herter, 1939b; Frahm, 1975a).

C. torquatus Mitt. (Mitten *in* Wilson, 1859).

Syn. *Campylopus fibrobasis* Dus. (Dusén, 1905c) *fide* Frahm, 1975a.

Distr. Southern South America (Paris, 1904a; Dusén, 1905c; Cardot, 1908a; Brotherus, 1924a; Thériot, 1934b; Herzog, 1938, 1954; Kühnemann, 1938; Frahm, 1975a, 1976a).

C. truncatus C. Muell. (Mueller, 1844b [1845]).

Syn. *Dicranum truncatum* (C. Muell.) C. Muell. (Mueller, 1848a).

Distr. Juan Fernandez (Skottsberg, 1914; Thériot, 1921b; Brotherus, 1924b; Frahm, 1976a).
Southern South America (Mueller, 1844b, 1848a; Jaeger, 1872; Paris, 1904a; Reimers, 1926; Thériot, 1934b; Herzog, 1938; Frahm, 1975a, 1976a).

C. urugensis Frahm (Frahm, 1975a).

Syn. *Campylopus nitidus* Thér. (Thériot *in* Felippone, 1929 [1930]) *hom. illeg. fide* Frahm, 1975a.

Distr. Southern South America (Felippone, 1929; Herter, 1933a; Frahm, 1975a).

C. ventanus C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

C. verticillatus (Hamp.) Kindb. (Kindberg, 1889).

Syn. *Dicranum verticillatum* Hamp. (Hampe, 1879).

Distr. Southern South America (Hampe, 1879; Paris, 1894, 1904a; Frahm, 1975a).

C. vesticaulis Mitt. (Mitten, 1875).

Syn. *Dicranum saddleanum* Besch. *ex* C. Muell. (Mueller, 1885).

Campylopus saddleanus (C. Muell.) Besch. (Bescherelle, 1885a).

Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1885; Paris, 1904a; Cardot, 1908a; Brotherus, 1924a; Roivainen and Bartram, 1937; Frahm, 1975a, 1976a).

Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Frahm, 1975a, 1976a).

C. xanthophyllus Mont. (Montagne, 1845a).

Campylopus introflexus

Catagoniopsis

C. berteroana (Mont.) Broth. (Brotherus, 1909).

Syn. *Hypnum berterioanum* Mont. (Montagne, 1845a).
Rhynchostegium berterioanum (Mont.) Jaeg. (Jaeger, 1878).
Rhynchostegium berteroi Kindb. (Kindberg, 1888) *nom. illeg.*

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1905b; Brotherus, 1924b, 1925; Robinson, 1975).

Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1851a; Sullivant, 1859; Mitten, 1869; Jaeger, 1878; Paris, 1905b; Brotherus, 1909, 1924c, 1925; Thériot, 1917b, 1918, 1928; Campo, 1921; Costes, 1921; Herzog, 1938, 1954; Espinosa B., 1941; Skottsberg, 1950; Bartram, 1952).

Catagonium

C. callichroum (Mont.) Neger

Catagonium politum var. *phyllogonium*

C. complanatum (Card. et Broth.) Broth.

Catagonium politum

C. myurum Card. et Thér. (Cardot and Thériot *in* Thériot, 1929c [1930]).

Syn. *Acrocladiopsis myura* Card. (Cardot, 1914a) *nom. nud.*

Distr. Southern South America (Cardot, 1914a; Thériot, 1929c; Herzog, 1957).

C. nitidum (Hook. f. et Wils.) Dus. ex Broth. (Dusén ex Brotherus, 1908).

Syn. *Leskea nitida* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Hypnum nitidum (Hook. f. et Wils.) C. Muell. (Mueller, 1851a).

Stereodon nitidus (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Acrocladiopsis nitida (Hook. f. et Wils.) Card. (Cardot, 1914a).

Calliergonella nitida (Hook. f. et Wils.) Card. (Cardot *in* Cardot and Brotherus, 1923).

Plagiothecium nitidum (Hook. f. et Wils.) Bartr. (Bartram, 1946) *hom. illeg.*

Hypnum hookeri Lindb. (Lindberg, 1868a) *hom. illeg.*

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1851a, 1885; Mitten, 1869; Jaeger and Sauerbeck, 1879a; Beschereille, 1889; Paris, 1904c; Brotherus, 1908, 1925; Cardot, 1908a, 1914a; Cardot and Brotherus, 1923; Roivainen, 1934; Kühnemann, 1938; Bartram, 1946; Seki, 1974).

C. politum (Hook. f. et Wils.) Dus. ex Broth. (Dusén ex Brotherus, 1908).

Syn. *Hypnum politum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Acrocladium politum (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Acroceratium politum (Hook. f. et Wils.) Mitt. (Mitten, 1883).

Eucatagonium politum (Hook. f. et Wils.) Broth. (Brotherus, 1925).

Acrocladiopsis complanata Card. (Cardot, 1914a) *nom. nud.*

Calliergonella complanata Card. et Broth. (Cardot and Brotherus, 1923).

Catagonium complanatum (Card. et Broth.) Broth. (Brotherus, 1925).

Orthorrhynchium chilense Williams (Williams, 1924 [1925]).

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Sullivant, 1859; Mitten, 1869; Jaeger, 1878; Mueller, 1885; Beschereille, 1889; Neger, 1899; Dusén, 1903a; Paris, 1903; Brotherus, 1908, 1925; Cardot, 1908a, 1914a; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1957, 1960; Williams, 1924; Reimers, 1926; Kühnemann, 1938; Bartram, 1946; Seki, 1974).
 South Georgia (Newton, 1977a).

var. *filescens* Card. et Broth. (Cardot and Brotherus, 1923).

Syn. *Eucatagonium politum* (Hook. f. et Wils.) Broth. var. *filescens* (Card. et Broth.) Herz. (Herzog, 1954).

Distr. Southern South America (Cardot and Brotherus, 1923; Herzog, 1954).

var. *phyllogonium* Card. (Cardot *in* Cardot and Brotherus, 1923).

Syn. *Phyllogonium callichroum* Mont. (Montagne, 1845a).

Hypnum callichroum (Mont.) C. Muell. (Mueller, 1851a) *hom. illeg.*

Catagonium callichroum (Mont.) Neger (Neger, 1899).

Hypnum phyllogonium C. Muell. (Mueller, 1851a) *hom. illeg.*

Acrocladium phyllogonium Jaeg. (Jaeger, 1878) *hom. illeg.*

Distr. Southern South America (Montagne, 1845a, 1850; Mueller, 1851a; Jaeger, 1878; Neger, 1899; Cardot and Brotherus, 1923).

*Catharinea nom. rejic.**C. antarctica* C. Muell.*C. canaliculata* (Hook. et Arnott) C. Muell.var. *major* Lor.*C. compressa* (Hook. f. et Wils.) C. Muell.*C. dendroides* (Hedw.) Hamp.*C. gymnostoma* C. Muell. ex Par.*C. gymnostomula* C. Muell.*C. magellanica* (Hedw.) Brid.*C. molinae* (Mont.) C. Muell.*C. planifolia* C. Muell.*C. polycarpa* C. Muell.*C. rigida* (Lor.) C. Muell.*C. simplex* C. Muell. (Mueller, 1901a [1900]) *nom. nud.**Distr.* Southern South America (Mueller, 1901a).*C. squamosa* (Hook. f. et Wils.) C. Muell.*C. tapes* C. Muell.*Cecalyphum nom. illeg.**C. dichotomum* P. Beauv.*C. semi-completum* (Hedw.) P. Beauv.*Cephalotrichum hom. illeg.**C. oligodus* B.S.G.***Ceratodon****C. amblyocalyx* C. Muell. ex Ångstr.***Ceratodon purpureus* var. *amblyocalyx******C. antarcticus*** Card. (Cardot, 1900).*Distr.* Antarctic, peninsula region (Cardot, 1900, 1901, 1908a; Paris, 1904a; Dixon, 1935; Horikawa and Ando, 1961, 1963; Steere, 1961a).*C. chilensis* (Mont.) Par.***Cheilothela chilensis****C. convolutus* Reichdt.***Ceratodon purpureus****C. corralensis* (Lor.) Jaeg.***Zygodon corralensis******C. crassinervis*** Lor. (Lorentz, 1866).*Distr.* Southern South America (Lorentz, 1866; Paris, 1904a; Thériot, 1918, 1921a, 1935a; Campo, 1921; Reimers, 1926; Herzog, 1938).*C. dubius* Dus.***Cheilothela chilensis******C. grossiretis*** Card. (Cardot, 1906a).*Distr.* Southern South America (Thériot, 1926).
South Georgia (Dixon, 1920; Steere, 1961b; Horikawa and Ando, 1963).
Antarctic, peninsula region (Cardot, 1906a, 1908a, 1911b, d, 1913a; Horikawa and Ando, 1961, 1963; Steere, 1961a; Robinson, 1972).
Antarctic, continental region (Bartram, 1957; Steere, 1961a; Horikawa and Ando, 1963).var. *validus* Card.***Ceratodon validus******C. minutifolius*** Card. (Cardot, 1911b, d).*Distr.* Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Steere, 1961a; Horikawa and Ando, 1963).***Psilopilum trichodon***
Oligotrichum canaliculatum
Oligotrichum canaliculatum* var. *majus
Atrichopsis compressa
Dendroligotrichum dendroides
Psilopilum gymnostomulum
Psilopilum gymnostomulum
Polytrichadelphus magellanicus
Oligotrichum canaliculatum* var. *molinae
Atrichum polycarpum
Atrichum polycarpum
Oligotrichum rigidum***Dendroligotrichum squamosum***
Psilopilum tapes***Dicranoloma billardieri***
Fissidens semicompletus***Pogonatum oligodus***

C. purpureus (Hedw.) Brid. (Bridel, 1826).

Syn. *Dicranum purpureum* Hedw. (Hedwig, 1801).

Ceratodon purpureus (Hedw.) Brid. var. *xanthopus* Sull. (Sullivant in Sullivant and Lesquereux, 1865).

Ceratodon purpureus (Hedw.) Brid. var. *fastigiatus* Warnst. (Warnstorf, 1904).

Ceratodon convolutus Reichdt. (Reichardt, 1868).

Distr. Juan Fernandez (Brotherus, 1924*b*; Espinosa B., 1941; Robinson, 1975).

Southern South America (Montagne, 1845*b*, 1850; Wilson and Hooker, 1847; Lorentz, 1866; Mitten, 1869; Cardot, 1900, 1905*a*, 1908*a*; Krieger, 1904; Dusén, 1905*a*; Thériot, 1918, 1935*a*; Campo, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1957; Roivainen, 1934; Roivainen and Bartram 1937; Hosseus, 1938*c, d*; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

Falkland Islands (Dumont d'Urville, 1825; Gaudichaud, 1825, 1826; Bridel, 1827*a*, Wilson and Hooker, 1847; Cardot, 1905*a*, 1908*a*; Cardot and Brotherus, 1923; Kühnemann, 1938).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906*a*, 1908*a*, 1911*b, d*, 1913*a*; Paris, 1904*a*; Dixon and Watts, 1918; Bartram, 1957; Steere, 1961*a*; Robinson, 1972).

Antarctic, continental region (Cardot, 1907*a*, 1908*a*; Steere, 1961*a*; Horikawa, 1961; Horikawa and Ando, 1961, 1967; Kuc, 1969; Robinson, 1972).

var. amblyocalyx (Aongstr.) C. Muell. (Mueller, 1885).

Syn. *Ceratodon amblyocalyx* C. Muell. ex Aongstr. (Mueller ex Ångström, 1876*a*).

Distr. Juan Fernandez (Skottsberg, 1914).

Southern South America (Ångström, 1872 (as *C. purpureus*), 1876*a*; Jaeger and Sauerbeck, 1879*b*; Mueller, 1885; Bescherelle, 1889; Cardot, 1900, 1901, 1905*a*, 1908*a*; Paris, 1904*a*; Dusén, 1905*a, d*; Kühnemann, 1938).

Falkland Islands (Cardot, 1905*a*, 1908*a*; Kühnemann, 1938).

var. falklandicus Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *fastigiatus* Warnst. .

Ceratodon purpureus

var. *xanthopus* Sull.

Ceratodon purpureus

C. valdiviae C. Muell. (Mueller, 1901*a* [1900]).

Distr. Southern South America (Mueller, 1901*a*).

C. validus (Card.) Hor. et Ando (Horikawa and Ando, 1963).

Syn. *Ceratodon grossiretis* Card. var. *validus* Card. (Cardot, 1906*a*) *fide* Horikawa and Ando, 1963.

Distr. Antarctic, peninsula region (Cardot, 1906*a*, 1908*a*; Horikawa and Ando, 1961, 1963; Greene, 1968*a*).

Chaetophora *hom. illeg.*

C. cristata (Hedw.) Brid.

Eriopus cristatus

C. incurva Hornsch.

Hookeriopsis incurva

C. orthotrichoides (Raddi) Brid.

Macrocoma orthotrichoides

Cheilothela**C. chilensis** (Mont.) Broth. (Brotherus, 1901).

Syn. *Trichostomum chilense* Mont. (Montagne, 1845*a*).

Ceratodon chilensis (Mont.) Par. (Paris, 1904*a*).

Chrysoblastella chilensis (Mont.) Reim. (Reimers, 1926).

Ceratodon dubius Dus. (Dusén in Paris, 1904*a*) *nom. nud.*

Cheilothela dubia Dus. (Dusén, 1905*a*) *fide* Newton, 1977*a*.

Chrysoblastella dubia (Dus.) Reim. (Reimers, 1926).

Chrysoblastella revoluta Herz. (Herzog, 1916*a*) *fide* Newton, 1977*a*.

Cheilothela revoluta (Herz.) Thér. (Thériot, 1934*b* [1935]).

Distr. Southern South America (Montagne, 1845*a*, 1850, 1856; Mueller, 1849; Jaeger, 1873; Brotherus, 1901, 1924*a*; Paris, 1904*a*; Dusén, 1905*a*; Reimers, 1926; Hilpert, 1933;

Thériot, 1934*b*; Herzog, 1938, 1954; Newton, 1974*b*; Seki, 1974).
South Georgia (Newton, 1977*a*).

C. dubia Dus.

Cheilothela chilensis

C. revoluta (Herz.) Thér.

Cheilothela chilensis

Chorisodontium

C. aciphyllum (Hook. f. et Wils.) Broth. (Brotherus, 1924*a*).

- Syn.* *Dicranum aciphyllum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Dicranum rigens Besch. (Bescherelle, 1885*a*).
Dicranoloma rigens (Besch.) Par. (Paris, 1904*b*).
Dicranum leucopterum C. Muell. (Mueller, 1885).
Chorisodontium leucopterum (C. Muell.) Roiv. (Roivainen in Roivainen and Bartram, 1937).
Dicranum orthocomus Besch. ex C. Muell. (Bescherelle ex Mueller, 1885).
Campylopus orthocomum (C. Muell.) Besch. (Bescherelle, 1885*a*).
Chorisodontium orthocomum (C. Muell.) Roiv. (Roivainen in Roivainen and Bartram, 1937).
Dicranum tenuicuspitatum C. Muell. (Mueller, 1890*a*).
Campylopus nanocaudatus C. Muell. (Mueller, 1901*a* [1900]) *nom. nud. fide* Bell, 1977*a*.
Dicranum scaberrimum Dus. (Dusén, 1903*a*).
Campylopus scaberrimus Broth. (Brotherus in Dusén, 1903*a*) *nom. nud.*
Dicranum nordenskiöldii Card. (Cardot, 1906*a*) *fide* Bell, 1973*a*.
Chorisodontium nordenskiöldii (Card.) Roiv. (Roivainen in Roivainen and Bartram, 1937) *fide* Bell, 1973*a*.
Campylopus muricatus Dix. (Dixon, 1932) *fide* Dixon, 1934 and Bell, 1977*a*.
Dicranum atro-viride Card. (Cardot in Roivainen and Bartram, 1937).
Dicranum hatscheri Dus. (Dusén in Roivainen and Bartram, 1937) *nom. nud.*

- Distr.* Juan Fernandez (Bartram, 1959; Robinson, 1975).
Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848*a*, 1885; Sullivan, 1859; Mitten, 1869; Jaeger, 1872; Bescherelle, 1885*a*, 1889; Cardot, 1900, 1901, 1905*a*, 1908*a*, 1913*a*; Dusén, 1903*a*, 1905*a*, *d*; Paris, 1904*a*, *b*; Spegazzini, 1922; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Seki, 1974).
Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848*a*, 1885; Paris, 1904*b*; Cardot, 1905*a*, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).
South Georgia (Mueller, 1890*a*, 1901*a*; Paris, 1904*b*; Cardot, 1906*a*, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Dixon, 1932; Steere, 1961*b*; Bell, 1973*b*; Frahm, 1975*a*).
Antarctic, peninsula region (Wright, 1905 (as *Campylopus introflexus* *fide* Cardot, 1908*a*); Cardot, 1906*a*, 1908*a*, 1911*b*, *c*, *d*, 1912*b*, 1913*a*; Brotherus, 1924*a*; Dixon, 1935; Steere, 1961*a*; Greene, 1968*a*; Robinson, 1972 (as *C. nordenskiöldii*)).

C. dicranellatum (Dus.) Roiv. (Roivainen in Roivainen and Bartram, 1937).

Syn. *Dicranum dicranellatum* Dus. (Dusén, 1903*a*).

Distr. Southern South America (Dusén, 1903*a*, 1905*a* (and as *Campylopus perhorridus* *pro parte fide* Roivainen and Bartram, 1937); Cardot, 1908*a*; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Seki, 1974).

C. lanigerum (C. Muell.) Broth. (Brotherus, 1924*a*).

Syn. *Dicranum lanigerum* C. Muell. (Mueller, 1885).
Campylopus laniger (C. Muell.) Besch. (Bescherelle, 1885*a*).

Distr. Southern South America (Bescherelle, 1885*a*, 1889; Mueller, 1885; Dusén, 1903*a*, 1905*a*; Paris, 1904*a*; Cardot, 1908*a*, 1912*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

C. leucopterum (C. Muell.) Roiv.

Chorisodontium aciphyllum

C. luridum Bartr. (Bartram in Roivainen and Bartram, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937).

C. macropus (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Dicranum macropus* Kunz. ex C. Muell. (Kunze ex Mueller, 1844b [1845]).

Distr. Southern South America (Mueller, 1844b, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1872; Paris, 1904b; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Seki, 1974).

C. magellanicum (Card.) Bartr. (Bartram in Roivainen and Bartram, 1937).

Syn. *Dicranum magellanicum* Card. (Cardot, 1901).

Dicranum percompactum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Cardot, 1901, 1905a, 1908a; Dusén, 1903a, 1905a; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938).

C. microdus (Lor.) Broth. (Brotherus, 1924a).

Syn. *Dicranum microdus* Lor. (Lorentz, 1866).

Distr. Southern South America (Lorentz, 1866; Jaeger, 1872; Paris, 1904b; Brotherus, 1924a).

C. nordenskiöldii (Card.) Roiv.

Chorisodontium aciphyllum

C. orthocomum (C. Muell.) Roiv.

Chorisodontium aciphyllum

C. sericeum Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

C. spegazzinii (C. Muell.) Roiv. (Roivainen in Roivainen and Bartram, 1937).

Syn. *Dicranum spegazzinii* C. Muell. (Mueller, 1885).

Campylopus spegazzinii (C. Muell.) Kindb. (Kindberg, 1888).

Dicranum blindiaceum C. Muell. (Mueller in Kindberg, 1889) *nom. nud.*

Distr. Southern South America (Mueller, 1885; Paris, 1894, 1904a; Cardot, 1900, 1901, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938).

C. sphagneticola Roiv. (Roivainen in Roivainen and Bartram, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937; Kühnemann, 1938).

Chrysoblastella

C. chilensis (Mont.) Reim.

Cheilothela chilensis

C. dubia (Dus.) Reim.

Cheilothela chilensis

C. revoluta (Herz.) Thér.

Cheilothela chilensis

Chrysohypnum hom. illeg.

C. polygamum (B.S.G.) Loesk.

Campylium polygamum

Cinclidium

C. stygium Sw. (Swartz, 1803).

Syn. *Meesia stygia* (Sw.) Brid. (Bridel, 1803).

Mnium stygium (Sw.) B.S.G. (Bruch and others, 1838).

Mnium subpunctatum Card. et Broth. (Cardot and Brotherus, 1923) *fide* Koponen, 1969.

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938; Koponen, 1969).

Cladodium

C. uliginosum Brid.

Bryum uliginosum

Cladomnion

C. crenato-obtusum Dus.

Cladomniopsis crenato-obtusa

C. gracile (Hamp.) Mitt.

Glyphothecium gracile

C. membranosum Dus.

Juratzkaea membranosa

C. montevidense C. Muell.

Felipponea montevidensis

C. poeppigianum C. Muell.

Glyphothecium gracile

C. valdiviae C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1904a).

Cladomniopsis

C. crenato-obtusa Fleisch. (Fleischer, 1906 [1908]).

Syn. *Cladomnion crenato-obtusum* Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1904a; Fleischer, 1906; Brotherus, 1925; Matteri, 1973d; Seki, 1974; Kühnemann and Gonçalves, 1975).

Climacodontium nom. nud.

C. cygnicollum (C. Muell.) Hamp.

Anomobryum cygnicollum

Codonoblepharon

C. menziesii Schwaegr.

Zygodon menziesii

C. papillatum (Mont.) Jaeg.

Zygodon papillatus

C. uncinatum (Mitt.) Jaeg.

Zygodon pentastichus

Coelidium hom. illeg.

C. auriculatum (Mont.) Jaeg.

Acrocladium auriculatum

C. cochlearifolium (Schwaegr.) Reichdt.

Weymouthia cochlearifolia

Conomitrium nom. illeg.

C. atratum C. Muell.

Fissidens atratus

C. berterii Mont.

Fissidens fontanus

C. berteroi Mont. ex Kindb.

Fissidens fontanus

C. dillenii (Pyl.) Mont.

Fissidens fontanus

C. hedwigii Mont.

Fissidens semicompletus

C. julianum (Cand.) Mont.

Fissidens fontanus

C. lorentziae C. Muell.

Fissidens lorentziae

C. molle C. Muell.

Fissidens permollis

C. nigrillum C. Muell.

Fissidens nigrillum

C. nigratum C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

C. osmundoides (Hedw.) C. Muell.

Fissidens osmundoides

C. smaragdinum Lor. et C. Muell.

Fissidens smaragdinum

Conostomum

C. australe Sw.

Conostomum pentastichum

var. *microphyllum* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
Falkland Islands (Cardot and Brotherus, 1923).

var. *piliferum* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

C. lorentzii C. Muell. (Mueller, 1882).

Syn. *Campylopus lorentzii* C. Muell. ex Par. (Mueller ex Paris, 1894) *err.*

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1900a, 1904a; Brotherus, 1924a; Kühnemann, 1938).

***C. magellanicum* Sull. (Sullivant, 1850).**

Syn. *Bartramia magellanica* (Sull.) Mitt. (Mitten, 1869).

Conostomum perangulatum Card. (Cardot, 1905a) *vide* Bell, 1973a.

Distr. Southern South America (Sullivant, 1850, 1859; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1875; Paris, 1904a; Cardot, 1905a, 1908a; Brotherus, 1924a; Kühnemann, 1938).

South Georgia (Bell, 1973b).

Antarctic, peninsula region (Bell, 1973a).

***C. pentastichum* (Brid.) Lindb. (Lindberg, 1863).**

Syn. *Bartramia pentasticha* Brid. (Bridel, 1803).

Weisia pentasticha (Brid.) Hedw. (Hedwig *in* Bridel, 1826) *nom. inval.*

Conostomum australe Sw. (Swartz, 1806a) *nom. illeg.*

Philonotis australis Mitt. (Mitten, 1860).

Bartramia australis Mitt. (Mitten, 1869) *hom. illeg.*

Bryum angulosum Menz. (Menzies *in* Bridel, 1826) *nom. nud.*

Conostomum rhynchostegium C. Muell. (Mueller, 1890a).

Distr. Southern South America (Bridel, 1803, 1819, 1826; Swartz, 1806a; Schwaegrichen, 1811, 1824; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Montagne, 1850; Sullivant, 1859; Mitten, 1869; Jaeger, 1875; Beschereille, 1889; Paris, 1904a; Cardot, 1905a, 1908a, 1913a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

Falkland Islands (Wilson and Hooker, 1847; Jaeger, 1875; Paris, 1904a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Paris, 1904a; Cardot, 1906a, 1908a; Dixon, 1920, 1934; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Bell, 1973b, 1977b).

Antarctic, peninsula region (Bell, 1973a).

***C. perangulatum* Card.**

Conostomum magellanicum

var. *majus* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

***C. perpusillum* Card. et Broth. (Cardot and Brotherus, 1923).**

Distr. Southern South America (Cardot and Brotherus, 1923).

***C. rhynchostegium* C. Muell.**

Conostomum pentastichum

Costesia

***C. spongiosa* Thér. (Thériot, 1917b).**

Distr. Southern South America (Thériot, 1917b, 1921a, 1930; Costes, 1921; Brotherus, 1924a).

Cratoneuron

***C. filicinum* (Hedw.) Spruc. (Spruce, 1867).**

Syn. *Hypnum filicinum* Hedw. (Hedwig, 1801).

Distr. Southern South America (Robinson, 1964).

***C. mendozense* Herz. (Herzog, 1916b).**

Distr. Southern South America (Herzog, 1916b).

***C. perplicatum* (Dus.) Broth. (Brotherus, 1909).**

Syn. *Hypnum perplicatum* Dus. (Dusén, 1903a).

Drepanocladus perplicatus (Dus.) Roth (Roth, 1908).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Roth, 1908; Brotherus, 1909, 1925; Kühnemann, 1938).

Crossidium*C. roseae* (Williams) Bartr.***Aloina roseae*****Crossomitrium*****C. patrisiae*** (Brid.) C. Muell. (Mueller, 1874).Syn. *Hypnum patrisiae* Brid. (Bridel, 1827b).*Hookeria patrisiae* (Brid.) Hamp. (Hampe, 1844).*Lepidopilum patrisiae* (Brid.) Mitt. (Mitten, 1869).

Distr. Southern South America (Hampe, 1844; Mueller, 1851a; Mitten, 1869; Gibert, 1873; Herter, 1933a; Welch, 1969).

Cryphaea*C. aurantiorum* C. Muell.***Cryphidium leucocoleum******C. caldensis*** Aongstr. (Ångström, 1876a).

Distr. Southern South America (Herzog, 1952a).

C. consimilis Mont.***Cryphaea tenella****C. cuspidata* Sull.***Dendrocryphaea cuspidata******C. furcinervis*** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1925; Kühnemann, 1938).

C. gorveana Mont.***Dendrocryphaea gorveana****C. julacea* Mitt.***Acrocryphaea julacea****C. lechleri* C. Muell.***Dendrocryphaea lechleri******C. lorentziana*** C. Muell. (Mueller, 1882).Syn. *Cryphaea lorentzii* C. Muell. ex Kindb. (Mueller ex Kindberg, 1891) *nom. illeg.*

Distr. Southern South America (Mueller, 1882; Paris, 1904a; Brotherus, 1925; Kühnemann, 1938).

C. lorentzii C. Muell. ex Kindb.***Cryphaea lorentziana****C. mollis* Dus.***Cryphaeophilum molle****C. orbifolia* Besch.***Cryphidium leucocoleum****C. pulchella* Par. et Schimp.***Dendrocryphaea ramosissima****C. ramosissima* Schimp.***Dendrocryphaea lechleri****C. ramosissima* Par.***Dendrocryphaea ramosissima******C. rhacomitrioides*** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1904a; Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).

var. *gracilis* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Kühnemann, 1938).

C. tenella (Schwaegr.) Hornsch. ex C. Muell. (Hornschuch ex Mueller, 1844b [1845]).Syn. *Neckera tenella* Schwaegr. (Schwaegrichen, 1827a).*Pilotrichum tenellum* (Schwaegr.) C. Muell. (Mueller, 1851a).*Cryphaea consimilis* Mont. (Montagne, 1845a).*Pilotrichum consimile* (Mont.) C. Muell. (Mueller, 1851a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1851a; Mitten, 1869; Jaeger, 1876; Paris, 1904a; Cardot, 1908a; Herzog, 1923, 1938; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Seki, 1974).

C. tenella Mitt.***Dendrocryphaea ramosissima***

Cryphaeophilum

C. molle (Dus.) Fleisch. (Fleischer, 1914).

Syn. *Cryphaea mollis* Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1903a, 1905b; Paris, 1904a; Cardot, 1908a; Fleischer, 1914; Brotherus, 1925; Kühnemann, 1938; Herzog, 1954; Seki, 1974; Kühnemann and Gonçalves, 1976).

var. **enerve** Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954; Seki, 1974).

Cryphidium

C. aurantiorum (C. Muell.) Broth.

Cryphidium leucocoleum

C. leucocoleum (Mitt.) Jaeg. (Jaeger, 1876).

Syn. *Neckera leucocolea* Mitt. (Mitten, 1869).

Cryphaea aurantiorum C. Muell. (Mueller, 1882).

Cryphidium aurantiorum (C. Muell.) Broth. (Brotherus, 1905b).

Cryphaea orbifolia Besch. (Bescherelle, 1891).

Cryphidium orbifolium (Besch.) Broth. (Brotherus, 1905b).

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1877; Mueller, 1882; Bescherelle, 1891; Paris, 1904a, 1905a; Brotherus, 1905b, 1925; Herter, 1928, 1933a, b; Kühnemann, 1938; Herzog, 1952a).

C. orbifolium (Besch.) Broth.

Cryphidium leucocoleum

Cupressina hom. illeg.

C. cupressiformis (Hedw.) C. Muell.

Hypnum cupressiforme

C. pallido-nitida C. Muell.

Rhaphidorrhynchium pallido-nitidum

Cuspidaria hom. illeg.

C. fulvo-acuta C. Muell.

Calliergonella cuspidata

C. morenoi C. Muell.

Pleurozium schreberi

C. pseudo-pura C. Muell.

Pseudoscleropodium pseudopurum

Cyathophorum

C. splendidissimum (Mont.) Hamp. et Lor.

Schimperobryum splendidissimum

Cyclodictyon

C. albicans (Hedw.) O. Kuntze (Kuntze, 1891).

Syn. *Leskea albicans* Hedw. (Hedwig, 1801).

Distr. Southern South America (Herzog, 1952a).

C. sublimbatum (C. Muell.) O. Kuntze (Kuntze, 1891).

Syn. *Hookeria sublimbata* C. Muell. (Mueller, 1851a).

Pterygophyllum sublimbatum (C. Muell.) Mitt. (Mitten, 1885).

Distr. Southern South America (Mueller, 1851a; Mitten, 1869, 1885; Jaeger, 1877; Paris, 1904b, 1905b; Brotherus, 1925; Welch, 1969).

Cylindrothecium

C. flavo-virens (C. Muell.) Par.

Entodon flavo-virens

var. *flagellaceum* (C. Muell.) Par.

Entodon flavo-virens* var. *flagellaceus

C. platygyrioides (C. Muell.) Par.

Erythrodonium platygyrioides

C. suberythropus (C. Muell.) Par.

Entodon suberythropus

var. *complanatulum* (C. Muell.) Par.

Entodon suberythropus* var. *complanatulus

var. *ellipticum* (C. Muell.) Par.
 var. *flaccidum* (C. Muell.) Par.
 var. *gracillimum* (C. Muell.) Par.
 var. *lutescens* (C. Muell.) Par.
 var. *microtheca* (C. Muell.) Par.
 var. *mysuroides* (C. Muell.) Par.
 var. *rufulum* (C. Muell.) Par.

C. truncatum (C. Muell.) Par.

Cynodontium

C. capillaceum (Hedw.) Brid.
C. conicum (Mont.) Mitt.
C. fuegianum (Card.) Card.
C. hookeri (C. Muell.) Mitt.
C. leiocarpum Lor.

Cynontodium *nom. rejic.*

C. affine (C. Muell.) Mitt.
C. australe Mitt.
C. capillaceum Hedw.
C. elongatum (Hook. f. et Wils.) Mitt.
C. hookeri (C. Muell.) Mitt.
C. hyalinum (Mitt.) Mitt.

Cyrtodon

C. crassinervis Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Robinson, 1975).

Cyrto-Hypnum

C. filarium (Mitt.) Hamp.

Cyrtopus

C. curtispendus (Hedw.) Spruc.

Daltonia *hom. illeg.*

D. ariquensis Schimp.

D. aristata Geh. et Hamp. (Geheeb and Hampe *in* Hampe, 1879).

Syn. *Daltonia uleana* C. Muell. (Mueller, 1898c).

Distr. Southern South America (Reimers, 1926).

D. gracilis Mitt. (Mitten, 1869).

Syn. *Daltonia krauseana* C. Muell. ex Dus. (Mueller ex Dusén, 1905b).

Daltonia ariquensis Schimp. (Schimper *in* Bartram, 1931) *nom. nud.*

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Dusén, 1905b; Brotherus, 1925; Bartram, 1931, 1952;

Herzog, 1954; Welch, 1969; Seki, 1974; Matteri, 1975b).

D. krauseana C. Muell. ex Dus.

D. patagonica Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

Entodon suberythropus* var. *ellipticus

Entodon suberythropus* var. *flaccidus

Entodon suberythropus* var. *gracillimus

Entodon suberythropus* var. *lutescens

Entodon suberythropus* var. *microtheca

Entodon suberythropus* var. *mysuroides

Entodon suberythropus* var. *rufulus

Entodon truncatus

Distichium capillaceum

Ditrichum conicum

Oncophorus fuegianus

Ditrichum hookeri

Aongstroemia leiocarpa

Ditrichum difficile

Ditrichum strictum

Distichium capillaceum

Ditrichum cylindricarpum

Ditrichum hookeri

Ditrichum hyalinum

Thuidiopsis furfurosa

Antitrichia curtispendula

Daltonia gracilis

Daltonia gracilis

D. polytrichoides (Hedw.) Arnott

Lepidopilum polytrichoides

D. trachydontia Mitt. ex Bartr.

Daltonia trachydonta

D. trachydonta Mitt. (Mitten, 1869).

Syn. *Daltonia trachydontia* Mitt. ex Bartr. (Mitten ex Bartram, 1931) *err.*
Daltonia valdiviae Herz. (Herzog, 1923).

Distr. Southern South America (Herzog, 1923; Brotherus, 1925; Bartram, 1931; Welch, 1969; Seki, 1974; Matteri, 1975b).

D. uleana C. Muell.

Daltonia aristata

D. valdiviae Herz.

Daltonia trachydonta

Decodon hom. illeg.

D. demissus C. Muell.

Rhachithecium perpusillum

Dendrocryphaea

D. cuspidata (Sull.) Broth. ex Par. (Brotherus ex Paris, 1909).

Syn. *Cryphaea cuspidata* Sull. (Sullivant, 1857 [1854]).
Braunia cuspidata (Sull.) Hamp. (Hampe, 1867a).

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b).
Southern South America (Sullivant, 1857, 1859; Mitten, 1869; Paris, 1904a, 1909; Brotherus, 1905b, 1925; Thériot, 1924, 1934b, 1935a; Herzog, 1954, 1960).

D. gorveana (Mont.) Par. et Schimp. (Paris and Schimper in Brotherus, 1905b).

Syn. *Cryphaea gorveana* Mont. (Montagne, 1845a).
Dendropogon gorveanus (Mont.) B.S.G. (Bruch and others, 1850).
Pilotrichum gorveanum (Mont.) C. Muell. (Mueller, 1851a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1851a; Lorentz, 1866; Mitten, 1869; Jaeger, 1876; Neger, 1899; Paris, 1904a; Brotherus, 1905b; Cardot, 1908a; Herzog, 1923; Kühnemann, 1938; Seki, 1974).

var. *lechleri* Fleisch.

Dendrocryphaea lechleri

D. lechleri (Fleisch.) Par. et Schimp. ex Thér. (Paris and Schimper ex Thériot, 1934b [1935]).

Syn. *Cryphaea lechleri* C. Muell. (Mueller in Lorentz, 1866) *nom. nud.*
Dendropogon lechleri C. Muell. (Mueller in Fleischer, 1914) *nom. nud.*
Dendrocryphaea gorveana (Mont.) Par. et Schimp. var. *lechleri* Fleisch. (Fleischer, 1914).
Cryphaea ramosissima Schimp. (Schimper in Bescherelle, 1876) *nom. nud.*
Dendrocryphaea ramosissima Par. et Schimp. (Paris and Schimper in Paris, 1894) *nom. nud.*

Distr. Southern South America (Lorentz, 1866; Paris, 1894, 1904a; Fleischer, 1914; Thériot, 1934b).

D. pulchella (Par. et Schimp.) Fleisch.

Dendrocryphaea ramosissima

D. ramosissima Par. et Schimp.

Dendrocryphaea lechleri

D. ramosissima (Par.) Wijk et Marg. (van der Wijk and Margadant, 1959).

Syn. *Cryphaea ramosissima* Par. (Paris in Jaeger, 1876).
Cryphaea tenella Mitt. (Mitten, 1869) *hom. illeg.*
Dendrocryphaea tenella Thér. (Thériot, 1934b [1935]) *nom. illeg.*
Cryphaea pulchella Par. et Schimp. (Paris and Schimper in Paris, 1894).
Dendrocryphaea pulchella (Par. et Schimp.) Fleisch. (Fleischer, 1914).

Distr. Southern South America (Mitten, 1869; Jaeger, 1876; Paris, 1894, 1904a; Cardot, 1908a; Brotherus, 1925; Thériot, 1934b; Kühnemann, 1938).

D. tenella Thér.

Dendrocryphaea ramosissima

Dendro-Hypnum

D. fasciculatum (Hedw.) Hamp.

Poroathamnum fasciculatum

Dendroligotrichum

D. dendroides (Hedw.) Broth. (Brotherus, 1905a).

- Syn.* *Polytrichum dendroides* Brid. ex Hedw. (Bridel ex Hedwig, 1801).
Pogonatum dendroides (Hedw.) Brid. (Bridel, 1827b).
Catharinea dendroides (Hedw.) Hamp. (Hampe, 1847).
Polytrichadelphus dendroides (Hedw.) Mitt. (Mitten, 1869).
Oligotrichum dendroides (Hedw.) Kindb. (Kindberg, 1888).
Gymnopilum dendroides (Hedw.) Schimp. (Schimper in Paris, 1895) *nom. inval.*
- Distr.* Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
 Southern South America (Hedwig, 1801; Bridel, 1803, 1806, 1827b; Palisot de Beauvois, 1805a; Schwaegrichen, 1816, 1826; Bridel, 1827b; Montagne, 1845b, 1850; Wilson and Hooker, 1847; Mueller, 1848a, 1851a, 1885; Sullivant, 1859; Lorentz, 1866; Mitten, 1869; Jaeger, 1875; Bescherelle, 1889; Hariot, 1891; Neger, 1899; Cardot, 1900, 1901, 1908a, 1913a; Paris, 1905b; Thériot, 1918; Campo, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1957, 1960; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

D. squamosum (Hook. f. et Wils.) Broth. (Cardot, 1908a).

- Syn.* *Polytrichum squamosum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Catharinea squamosa (Hook. f. et Wils.) C. Muell. (Mueller, 1848a).
Polytrichadelphus squamosus (Hook. f. et Wils.) Mitt. (Mitten, 1869).
Oligotrichum squamosum (Hook. f. et Wils.) Kindb. (Kindberg, 1888).
- Distr.* Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivant, 1859; Mitten, 1869; Ångström, 1872; Jaeger, 1875; Cardot, 1905a, 1908a, 1913a; Paris, 1905b; Cardot and Brotherus, 1923; Brotherus, 1925; Bartram, 1946, 1952; Herzog, 1954; Seki, 1974).
 Falkland Islands (Paris, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925).
 South Georgia (Greene, 1973).

Dendropogon

D. gorveanus (Mont.) B.S.G.
D. lechleri C. Muell.

Dendrocryphaea gorveana
Dendrocryphaea lechleri

Dermatodon

D. rubellus Genth

Bryoerythrophyllum recurvirostre

Desmatodon

D. amblyophyllum Mont.

Tortula platyphylla

D. argentanicus Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924a; Kühnemann, 1938).

D. atro-virens (Sm.) Jur.

Desmatodon convolutus

D. cavifolius Mitt.

Pterygoneurum ovatum

D. convolutus (Brid.) Grout (Grout, 1939).

- Syn.* *Trichostomum convolutum* Brid. (Bridel, 1806).
Grimmia atro-virens Sm. (Smith, 1809).
Tortula atro-virens (Sm.) Lindb. (Lindberg, 1864a).
Barbula atrovirens (Sm.) Schimp. (Schimper, 1876).
Desmatodon atro-virens (Sm.) Jur. (Juratzka, 1882).

Distr. Southern South America (Mitten, 1869; Thériot, 1921a, b; Brotherus, 1924a; Bartram, 1952; Herzog, 1954).

D. heimii (Hedw.) Mitt.

Pottia heimii

D. rigidulus Hassk.

Didymodon rigidulus

D. ruber (Mitt.) Hamp.

Tortula robusta

D. schimperi (Mont.) Jaeg.

Didymodon schimperi

D. serrulatus (Hook. et Grev.) Mitt.

Tortula robusta

D. subtrophaceus (Williams) Williams

Trichostomopsis australasiae

Dichodontium

D. brotheri Dix.

Oncophorus fuegianus

D. capituligerum (C. Muell.) Par.

Anisothecium capituligerum

D. dicranelloides Card.

Dicranella cardotii

var. *falklandicum* Card.

Anisothecium persquarrosus var. *falklandicum*

D. elegans (Dub.) Jaeg.

Anisothecium elegans

D. jamesonii (Mitt.) Jaeg.

Anisothecium vaginatum

D. krausei (Lor.) Jaeg.

Anisothecium krausei

D. lorentzii (C. Muell.) Par.

Anisothecium lorentzii

D. paludella Besch.

Anisothecium paludella

D. patagonicum (C. Muell.) Par.

Dicranella patagonica

D. persquarrosus (Dus.) Card.

Dicranella cardotii

var. *falklandicum* (Card.) Card.

Anisothecium persquarrosus var. *falklandicum*

D. rufipes (C. Muell.) Par.

Anisothecium rufipes

D. subclathratum (Lor.) Par.

Dicranella hookeri

D. vaginatum (Hook.) Jaeg.

Anisothecium vaginatum

Dicranella

D. argentinica (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Aongstroemia argentinica* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Hosseus, 1935b; Kühnemann, 1938).

D. aulacocarpa (Mont.) Mitt. (Mitten, 1869).

Syn. *Dicranum aulacocarpum* Mont. (Montagne, 1845a).

Aongstroemia aulacocarpa (Mont.) C. Muell. (Mueller, 1848a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Mitten, 1869; Jaeger, 1872; Paris, 1904b).

D. capituligera (C. Muell.) Kindb.

Anisothecium capituligerum

D. cardotii (R. Brown ter.) Dix. (Dixon, 1923).

Syn. *Dicranum cardotii* R. Brown ter. (Brown, 1902 [1903]).

Aongstroemia persquarrosa Dus. (Dusén, 1905a) *vide* Newton, 1977a.

Dichodontium persquarrosus (Dus.) Card. (Cardot, 1908a).

Anisothecium persquarrosus (Dus.) Broth. (Brotherus, 1924a).

Dichodontium dicranelloides Card. (Cardot, 1905a).

Distr. Southern South America (Dusén, 1903a, 1905a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Herzog, 1954; Seki, 1974).
Falkland Islands (Cardot and Brotherus, 1923).
South Georgia (Newton, 1977a).

D. circinata Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954).

D. costata Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924a, b; Robinson, 1975).

D. euchlora (Mont.) Lor.

Microdus euchlorus

D. flexipes Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

D. flexiseta Dus. (Dusén *in* Paris, 1904b) *nom. nud.*

Distr. Southern South America (Paris, 1904b).

D. fuegiana Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

D. guilleminiana (Mont.) Mitt. (Mitten, 1869).

Syn. *Dicranum guilleminianum* Mont. (Montagne, 1841).

Distr. Southern South America (Krieger, 1904).

D. hilariana (Mont.) Mitt. (Mitten, 1869).

Syn. *Dicranum hilarianum* Mont. (Montagne, 1839a).

Aongstroemia hilariana (Mont.) C. Muell. (Mueller, 1848a).

Microdus hilarianus (Mont.) Besch. (Bescherelle *in* Paris, 1896).

Dicranum tenuirostre Kunz. ex Schwaegr. (Kunze ex Schwaegrichen, 1842).

Aongstroemia tenuirostris (Schwaegr.) C. Muell. (Mueller, 1848a).

Dicranella tenuirostris (Schwaegr.) Mitt. (Mitten, 1869).

Microdus tenuirostris (Schwaegr.) Besch. (Bescherelle *in* Paris, 1896).

Dicranum sellowii Hornsch. (Hornschuch, 1840).

Distr. Southern South America (Hornschuch, 1840; Mueller, 1844b, 1848a; Montagne, 1850, 1856; Jaeger, 1872; Gibert, 1873; Paris, 1896, 1905a; Herter, 1933a).

D. hookeri (C. Muell.) Card. (Cardot, 1906a) *fide* Newton, 1977a.

Syn. *Aongstromia hookeri* C. Muell. (Mueller, 1851a).

Anisothecium hookeri (C. Muell.) Broth. (Brotherus, 1924a).

Dicranum vaginatum Hook. f. et Wils. (Hooker and Wilson *in* Mueller, 1851a) *nom. nud.*

Dicranella subclathrata Lor. (Lorentz, 1864).

Dichodontium subclathratum (Lor.) Par. (Paris, 1894).

Aongstroemia subclathrata (Lor.) C. Muell. (Mueller, 1901a [1900]).

Anisothecium perpusillum Dus. (Dusén, 1903a) *fide* Newton, 1977a.

Dicranella perpusilla (Dus.) Card. (Cardot, 1908a).

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1851a, 1885, 1901a; Lorentz, 1864, 1866; Jaeger, 1872; Paris, 1894, 1904b; Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Thériot, 1923b, 1924; Brotherus, 1924a; Roivainen and Bartram, 1937; Herzog, 1938, 1954; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

South Georgia (Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b; Newton, 1977a).

Antarctic, continental region (Cardot, 1910; Brotherus, 1924a; Greene, 1968a; Newton, 1977b).

var. flexisubulata Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Seki, 1974).

D. jamesonii (Mitt.) Broth.

Anisothecium vaginatum

D. krausei Lor.

Anisothecium krausei

D. kunzeana (C. Muell.) Mitt.

Microdus kunzeanus

D. lorentzii (C. Muell.) Kindb.

Anisothecium lorentzii

D. paludella (Besch.) Dus.

Anisothecium paludella

D. patagonica (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Aongstroemia patagonica* C. Muell. (Mueller, 1897a).

Dichodontium patagonicum (C. Muell.) Par. (Paris, 1900a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1901; Cardot, 1908a; Herzog, 1923).

- D. perpusilla* (Dus.) Card. ***Dicranella hookeri***
D. pseudorufescens Card. et Broth. ***Anisothecium pseudorufescens***
 var. *leptoclada* Card. et Broth. ***Anisothecium pseudorufescens* var. *leptocladus***
D. rufipes (C. Muell.) Kindb. ***Anisothecium rufipes***
D. skottsbergii Card. et Broth. ***Anisothecium skottsbergii***
D. subclathrata Lor. ***Dicranella hookeri***
D. tenuirostris (Schwaegr.) Mitt. ***Dicranella hilariana***
D. vaginata (Hook.) Card. ***Anisothecium vaginatum***
- Dicranobryum *nom. nud.*
D. fabroniellum Dus. ***Brachymenium fabroniellum***
D. subfabroniellum Dus. ***Brachymenium meyenianum***
- Dicranodon *nom. illeg.*
D. adianthoides (Hedw.) Behéré ***Fissidens adianthoides***
D. bryoides (Hedw.) Behéré ***Fissidens bryoides***
- Dicranodontium**
D. asperifolium (Mitt.) Broth. (Brotherus, 1924a).
 Syn. *Campylopus asperifolius* Mitt. (Mitten, 1869).
 Distr. Southern South America (Mitten, 1869; Jaeger, 1872; Paris, 1904a).
- D. schwabei*** Herz. et Thér. (Herzog and Thériot *in* Herzog, 1939).
 Distr. Southern South America (Herzog, 1939).
- Dicranoloma**
D. australe (C. Muell.) Par. (Paris, 1904b).
 Syn. *Dicranum australe* Besch. ex C. Muell. (Bescherelle ex Mueller, 1885).
Leucoloma australe (Besch.) Broth. (Brotherus, 1901).
Dicranum pseudo-australe C. Muell. (Mueller *in* Kindberg, 1891) *nom. nud.*
Dicranoloma pseudo-australe Ren. (Renauld, 1909) *nom. nud.*
Leucoloma robustum Hook. f. et Wils. var. *flexuosum* Dus. (Dusén, 1905b) *fide* Cardot, 1908a.
 Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1885, 1889; Hariot, 1891; Dusén, 1903a, 1905b (and as *Leucoloma setosum* *fide* Cardot, 1908a), 1905d; Paris, 1904b; Cardot, 1905a, 1908a; Renauld, 1909; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Seki, 1974).
 Falkland Islands (Cardot and Brotherus, 1923).
- var. *condensatum*** Broth. (Brotherus *in* Cardot and Brotherus, 1923).
 Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
- var. *schwabei*** Herz. et Thér. (Herzog and Thériot *in* Herzog, 1939).
 Distr. Southern South America (Herzog, 1939).
- D. austro-georgicum* Broth. ***Dicranoloma hariotii***
- D. billardieri*** (Brid.) Par. (Paris, 1904b).
 Syn. *Dicranum billardieri* Brid. (Bridel, 1802).
Oncophorus billardieri (Brid.) Brid. (Bridel, 1826).
Leucoloma billardieri (Brid.) Broth. (Brotherus, 1901).
Dicranum boryanum Schwaegr. (Schwaegrichen, 1823).
Trematodon boryanus (Schwaegr.) Spreng. (Sprengel, 1827) *hom. illeg.*
Cecalyphum dichotomum P. Beauv. (Palisot de Beauvois, 1805a).
Dicranum dichotomum (P. Beauv.) Brid. (Bridel, 1806) *hom. illeg.*
Oncophorus dichotomus (P. Beauv.) Brid. (Bridel, 1826).
Dicranoloma dichotomum (P. Beauv.) Ren. (Renauld, 1901).

Dicranum callocaulon C. Muell. (Mueller *in* Kindberg, 1889) *nom. nud.*
Dicranum helvolum C. Muell. (Mueller *in* Kindberg, 1891) *nom. nud.*
Dicranoloma fernandezianum Broth. (Brotherus, 1924*b*) *fide* Robinson, 1975.

Distr. Juan Fernandez (Montagne, 1835; Mitten, 1869, 1885; Jaeger, 1872; Johow, 1896; Paris, 1904*b*; Skottsberg, 1914; Brotherus, 1924*a, b*, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
 Southern South America (Montagne, 1850; Mitten, 1869; Jaeger, 1872; Brotherus, 1901, 1924*a*; Dusén, 1903*a*, 1905*a*; Paris, 1904*b*; Cardot, 1905*a*, 1908*a*; Thériot, 1918, 1935*a*; Campo, 1921; Spegazzini, 1922; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1960; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).
 Falkland Islands, (Wilson and Hooker, 1847; Mueller, 1848*a*; Jaeger, 1872; Brotherus, 1901, 1924*a*; Paris, 1904*b*; Cardot, 1908*a*; Kühnemann, 1938).

var. *compactum* (Card.) Card. et Broth. (Cardot and Brotherus, 1923).

Syn. *Dicranum billardieri* Brid. var. *compactum* Card. (Cardot, 1905*a*).

Distr. Southern South America (Cardot and Brotherus, 1923).
 Falkland Islands (Cardot, 1905*a*, 1908*a*).

var. *moelleri* Bauer (Bauer, 1934).

Distr. Southern South America (Bauer, 1934).

D. capillare (Dus.) Broth. (Brotherus, 1909).

Syn. *Leucoloma capillare* Dus. (Dusén, 1905*a*).
Dicranum capillare (Dus.) Card. (Cardot, 1908*a*).
Leucoloma nigricaula (Aongstr.) Par. var. *gracile* Dus. (Dusén, 1905*a*).
Leucoloma peruncinatum Dus. var. *gracile* Dus. (Dusén *in* Roivainen and Bartram, 1937) *nom. nud.*

Distr. Southern South America (Dusén, 1905*a*; Cardot, 1908*a*; Brotherus, 1909, 1924*a*; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1939, 1957; Seki, 1974).

D. capillifolioides Broth. (Brotherus, 1924*b*).

Distr. Juan Fernandez (Brotherus, 1924*b*; Bartram, 1959; Robinson, 1975).

D. capillifolium (Card.) Broth.

Dicranoloma menziesii

D. dichotomum (P. Beauv.) Ren.

Dicranoloma billardieri

D. dusenii (Broth.) Broth. (Brotherus, 1909).

Syn. *Leucoloma dusenii* Broth. (Brotherus *in* Dusén, 1905*a*).

Distr. Southern South America (Dusén, 1905*a*; Paris, 1905*a*; Brotherus, 1909, 1924*a*; Herzog, 1954).

D. falklandicum (Card.) Broth. (Brotherus, 1909).

Syn. *Dicranum falklandicum* Card. (Cardot, 1905*a*).

Distr. Southern South America (Cardot and Brotherus, 1923).
 Falkland Islands (Cardot, 1905*a*, 1908*a*; Brotherus, 1909, 1924*a*; Kühnemann, 1938).

D. fernandezianum Broth.

Dicranoloma billardieri

D. fuegianum (Dus.) Broth.

Dicranoloma hariotii

D. hariotii (C. Muell.) Par. (Paris, 1904*b*).

Syn. *Dicranum hariotii* C. Muell. (Mueller, 1885).
Leucoloma hariotii (C. Muell.) Broth. (Brotherus, 1901).
Leucoloma fuegianum Dus. (Dusén, 1905*a*).
Dicranum fuegianum (Dus.) Card. (Cardot, 1908*a*).
Dicranoloma fuegianum (Dus.) Broth. (Brotherus, 1909).
Leucoloma fuegianum Dus. var. *laxum* Dus. (Dusén, 1905*a*).
Dicranum fuegianum (Dus.) Card. var. *laxum* (Dus.) Card. (Cardot, 1908*a*).
Dicranoloma hariotii (C. Muell.) Par. var. *laxum* (Dus.) Card. et Broth. (Cardot and Brotherus, 1923).
Dicranum austro-georgicum C. Muell. (Mueller, 1890*a*).

Dicranoloma austro-georgicum Broth. (Brotherus *in* Roivainen and Bartram, 1937)
nom. nud.

Leucoloma alboalare Dus. (Dusén *in* Cardot, 1908a) *nom. nud.*

Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1885; Cardot, 1900, 1901, 1908a; Brotherus, 1901, 1909, 1924a; Dusén, 1904, 1905a; Paris, 1904b; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemmann, 1938; Herzog, 1954; Seki, 1974).

Falkland Islands (Cardot and Brotherus, 1923; Kühnemmann, 1938).

South Georgia (Mueller, 1890a; Paris, 1904b; Cardot, 1906a, 1908a; Dixon, 1920; Steere, 1961b; Bell, 1973b, 1977b).

var. *laxum* (Dus.) Card. et Broth.

Dicranoloma hariotii

D. hollermayeri Thér. (Thériot, 1935a).

Distr. Southern South America (Thériot, 1935a).

D. imponens (Mont.) Ren. (Renauld, 1909).

Syn. Dicranum imponens Mont. (Montagne, 1843).

Leucoloma imponens (Mont.) Dus. (Dusén, 1905a).

Dicranum involutifolium Sull. (Sullivant, 1850).

Leucoloma robustum (Hook. f. et Wils.) Broth. var. *lagunicola* Dus. (Dusén, 1905a).

Dicranum robustum Hook. f. et Wils. var. *lagunicola* (Dus.) Card. (Cardot, 1908a).

Distr. Southern South America (Montagne, 1843, 1845b, 1850, 1856; Wilson and Hooker, 1847; Mueller, 1848a, 1851a, 1885; Sullivant, 1850, 1859; De Notaris, 1859; Mitten, 1869; Jaeger, 1872; Bescherelle, 1889; Eaton, 1892; Paris, 1904b; Cardot, 1905a, 1908a; Dusén, 1905a; Renauld, 1909; Thériot, 1921a, 1934b; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemmann, 1938; Herzog, 1939; Seki, 1974).

D. kunkelii H. Robins. (Robinson, 1974).

Distr. Juan Fernandez (Robinson, 1974, 1975).

D. menziesii (Hook. f. et Wils.) Par. (Paris, 1904b).

Syn. Dicranum menziesii Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Leucoloma menziesii (Hook. f. et Wils.) Broth. (Brotherus, 1901).

Dicranum suberectum Hamp. (Hampe, 1860).

Leucoloma suberectum (Hamp.) Broth. (Brotherus, 1901).

Dicranoloma suberectum (Hamp.) Par. (Paris, 1904b).

Leucoloma capillifolium Broth. (Brotherus *in* Dusén, 1905a) *hom. illeg. fide* Robinson, 1975.

Dicranum capillifolium Card. (Cardot, 1908a).

Dicranoloma capillifolium (Card.) Broth. (Brotherus, 1909).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Dusén, 1903a, 1905a; Paris, 1904b; Cardot, 1908a; Brotherus, 1909, 1924a; Campo, 1915, 1921; Thériot, 1918; Cardot and Brotherus, 1923; Herzog, 1938, 1954, 1960; Kühnemmann, 1938).

var. ***chilense*** Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924).

var. ***fernandezianum*** (Thér.) Broth. (Brotherus, 1924b).

Syn. Dicranum menziesii Hook. f. et Wils. var. *fernandezianum* Card. ex Thér. (Cardot ex Thériot, 1921b).

Distr. Juan Fernandez (Skottsberg, 1914; Thériot, 1921b; Brotherus, 1924b).

D. muelleri Dus.

Dicranoloma robustum var. *setosum*

D. muelleri (Dus.) Roiv. (Roivainen *in* Roivainen and Bartram, 1937).

Syn. Leucoloma muelleri Dus. (Dusén, 1905a).

Distr. Southern South America (Dusén, 1905a; Paris, 1905a; Cardot and Brotherus, 1923 (as *D. capillifolium* *fide* Roivainen and Bartram, 1937); Roivainen and Bartram, 1937; Kühnemmann, 1938; Herzog, 1954; Seki, 1974).

- var. *strictifolium* (Dus.) Herz. **Dicranoloma robustum var. strictifolium**
- D. nigricaula** (Aongstr.) Par. (Paris, 1904b). **Dicranoloma robustum var. strictifolium**
- Syn.* *Dicranum nigricaula* Aongstr. (Ångström, 1872).
Leucoloma nigricaula (Aongstr.) Broth. (Brotherus, 1901).
Dicranum racovitzae Card. (Cardot, 1900).
Dicranum chilense De Not. (De Notaris, 1859).
Leucoloma peruncinatum Dus. (Dusén, 1905a).
Dicranum peruncinatum (Dus.) Card. (Cardot, 1908a).
Dicranoloma peruncinatum (Dus.) Broth. (Brotherus, 1909).
- Distr.* Juan Fernandez (Brotherus, 1924b; Robinson, 1975).
 Southern South America (De Notaris, 1859; Ångström, 1872; Jaeger and Sauerbeck, 1879b; Mueller, 1885; Bescherelle, 1889; Cardot, 1900, 1901, 1905a, 1908a, 1913a; Brotherus, 1901, 1909, 1924a; Dusén, 1903a, 1905a; Paris, 1904b; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Seki, 1974).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
- var. **flexuosulum** (Dus.) Bartr. (Bartram *in* Roivainen and Bartram, 1937).
- Syn.* *Leucoloma nigricaula* (Aongstr.) Broth. var. *flexuosulum* Dus. (Dusén, 1905a).
Dicranum nigricaula Aongstr. var. *flexuosulum* (Dus.) Card. (Cardot, 1908a).
- Distr.* Southern South America (Dusén, 1905a; Cardot, 1908a; Roivainen and Bartram, 1937).
- D. perremotifolium** (Dus.) Broth. (Brotherus, 1924a).
- Syn.* *Leucoloma perremotifolium* Dus. (Dusén, 1905a).
Dicranum perremotifolium (Dus.) Card. (Cardot, 1908a).
- Distr.* Southern South America (Paris, 1904a, 1905a; Dusén, 1905a; Cardot, 1908a; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Herzog, 1954, 1960; Seki, 1974).
- var. **fragile** (Dus.) Thér. (Thériot, 1935a).
- Syn.* *Leucoloma perremotifolium* Dus. var. *fragile* Dus. (Dusén, 1905a).
Distr. Southern South America (Dusén, 1905a; Thériot, 1935a).
- D. peruncinatum* (Dus.) Broth. **Dicranoloma nigricaula**
- D. pseudo-australe* Ren. **Dicranoloma australe**
- D. pungens* (Hook. f. et Wils.) Par. **Dicranoloma robustum**
- D. rigens* (Besch.) Par. **Chorisodontium aciphyllum**
- D. robustum** (Hook. f. et Wils.) Par. (Paris, 1904b).
- Syn.* *Dicranum robustum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Leucoloma robustum (Hook. f. et Wils.) Broth. (Brotherus, 1901).
Dicranum grandialare Dus. (Dusén, 1903a) *nom. nud.*
Leucoloma grandialare Dus. (Dusén, 1905a).
Dicranum pungens Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Leucoloma pungens (Hook. f. et Wils.) Broth. (Brotherus, 1901).
Dicranoloma pungens (Hook. f. et Wils.) Par. (Paris, 1904b).
Dicranum robustum Hook. f. et Wils. var. *pungens* (Hook. f. et Wils.) Hook. f. (Hooker, 1867).
Dicranum hookeri Schimp. (Schimper *in* Paris, 1895) *nom. nud.*
- Distr.* Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivant, 1859; Mitten, 1869; Ångström, 1872; Jaeger 1872; Eaton, 1892; Cardot, 1900, 1908a, 1913a; Brotherus, 1901, 1924a; Dusén, 1903a, 1905a, d; Paris, 1904b; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1957; Reimers, 1926; Thériot, 1934b, 1935a; Kühnemann, 1938; Bartram, 1952; Seki, 1974).
 Falkland Islands (Mueller, 1848a, 1885; Jaeger, 1872; Cardot, 1908a).
- var. **longisetaceum** Herz. (Herzog, 1938).
- Distr.* Southern South America (Herzog, 1938).

var. setosum (Hook. f. et Wils.) Sains. (Sainsbury, 1931 [1932]).

Syn. *Dicranum setosum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Leucoloma setosum (Hook. f. et Wils.) Broth. (Brotherus, 1901).
Dicranoloma setosum (Hook. f. et Wils.) Par. (Paris, 1904b).
Dicranoloma muelleri Dus. (Dusén in Paris, 1904b) *nom. nud.*

Distr. Southern South America (Ångström, 1872; Paris, 1904b; Dusén, 1905a; Cardot, 1908a; Herzog, 1923, 1954; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).

var. strictifolium (Dus.) Wijk et Marg. (van der Wijk and Margadant, 1960a).

Syn. *Leucoloma muelleri* Dus. var. *strictifolium* Dus. (Dusén, 1905a).
Dicranoloma muelleri (Dus.) Roiv. var. *strictifolium* (Dus.) Herz. (Herzog, 1940).
Dicranum setosum Hook. f. et Wils. var. *strictifolium* (Dus.) Card. (Cardot, 1908a).
Dicranoloma setosum (Hook. f. et Wils.) Par. var. *strictifolium* (Dus.) Kühnemann (Kühnemann, 1938).

Distr. Southern South America (Dusén, 1905a; Cardot, 1908a; Kühnemann, 1938; Herzog, 1940).

D. setosum (Hook. f. et Wils.) Par.

Dicranoloma robustum* var. *setosum

var. *strictifolium* (Dus.) Kühnemann

Dicranoloma robustum* var. *strictifolium

D. skottsbergii (Card.) Broth. (Brotherus, 1909).

Syn. *Dicranum skottsbergii* Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Brotherus, 1909, 1924a; Kühnemann, 1938).

D. suberectum (Hamp.) Par.

Dicranoloma menziesii

D. subimponens (Card.) Broth. (Brotherus, 1909).

Syn. *Dicranum subimponens* Card. (Cardot, 1905a).
Dicranum turgidissimum Dus. (Dusén in Roivainen and Bartram, 1937) *nom. nud.*

Distr. Southern South America (Cardot, 1905a, 1908a; Brotherus, 1909, 1924a; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Seki, 1974).
 South Georgia (Bell, 1973b).

D. subnigricaula Dus. (Dusén in Paris, 1904b) *nom. nud.*

Distr. Southern South America (Paris, 1904b).

D. truncorum (C. Muell.) Par. (Paris, 1904b).

Syn. *Dicranum truncorum* Schimp. ex C. Muell. (Schimper ex Mueller, 1859).

Distr. Southern South America (Lechler, 1857; Mueller, 1859; Lorentz, 1866; Jaeger, 1872; Paris, 1904b).

Dicranoweisia

D. antarctica (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Blindia antarctica* C. Muell. (Mueller, 1848a).
Dicranum antarcticum (C. Muell.) Mitt. (Mitten, 1869).
Weisia antarctica (C. Muell.) Wils. (Wilson in Jaeger, 1870).

Distr. Southern South America (Wilson and Hooker, 1847 (as *Weissia crispula* fide Mueller, 1848a); Mueller, 1848a, 1879a, 1885; Mitten, 1869; Jaeger, 1870; Paris, 1904b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1939, 1954; Bartram, 1952; Seki, 1974).
 Antarctic, peninsula region (Bell, 1976).

var. nigricans Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

D. auriculata (C. Muell.) Broth.

Holodontium inerme

D. austro-crispula (C. Muell.) Par. (Paris, 1895).

- Syn.* *Blindia austro-crispula* C. Muell. (Mueller, 1885).
Dicranoweisia perpulvinata Dus. (Dusén, 1903a).
Blindia sulphurea Dus. (Dusén, 1903a) *nom. nud.*
Dicranoweisia sulfurea Dus. (Dusén *in* Paris, 1904b) *nom. nud.*
Hymenoloma nordenskjöldii Dus. (Dusén, 1905a).
Dicranoweisia nordenskjöldii (Dus.) Reimd. (Reimers, 1936) *hom. illeg.*

Distr. Southern South America (Mueller, 1885; Paris, 1895, 1904b; Dusén, 1903a, 1905a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Donat, 1936a; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

D. brevipes (C. Muell.) Card. (Cardot, 1905a).

Syn. *Blindia brevipes* C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Paris, 1904a; Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b).

D. breviseta Card. (Cardot, 1905a).

Syn. *Dicranoweisia breviseta* Card. var. *atrata* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Seki, 1974).

var. *atrata* Card. et Broth.

Dicranoweisia breviseta

D. contecta (Hook. f. et Wils.) Par.

Blindia contecta

D. cryptodon (Mont.) Par.

Camptodontium cryptodon

D. funiculipes Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

D. grimmiacea (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Blindia grimmiacea* C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Brotherus, 1901, 1924a; Paris, 1904b; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Dixon, 1934; Steere, 1961b).
 Antarctic, peninsula region (Cardot, 1906a, 1908a, 1911c, 1912b; Brotherus, 1924a; Bartram, 1957; Steere, 1961a; Greene, 1968a; Robinson, 1972; Bell, 1976).

D. humilis (C. Muell.) Broth.

Holodontium pumilum

D. inermis (Mitt.) Par.

Holodontium inerme

D. jugellifera Dus. (Dusén, 1905a).

Distr. Southern South America (Dusén, 1905a; Cardot, 1908a).

D. nordenskjöldii (Dus.) Reim.

Dicranoweisia austro-crispula

D. pallidifolia (C. Muell.) Par.

Dicranoweisia subinclinata

D. perpulvinata Dus.

Dicranoweisia austro-crispula

D. subinclinata (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Blindia subinclinata* C. Muell. (Mueller, 1890a).
Blindia pallidifolia C. Muell. (Mueller, 1890a).
Dicranoweisia pallidifolia (C. Muell.) Par. (Paris, 1895).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
 Falkland Islands (Cardot and Brotherus, 1923).
 South Georgia (Mueller, 1890a; Paris, 1895, 1904b; Brotherus, 1901, 1924a; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Dixon, 1934; Steere, 1961b).
 Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Steere, 1961a; Robinson, 1972).

D. sulfurea Dus.

Dicranoweisia austro-crispula

D. tenella Dus.

Camptodontium cryptodon

Dicranum

- D. aciphyllum* Hook. f. et Wils.
D. acuminatum (Mitt.) C. Muell.
D. adianthoides (Hedw.) Web. et Mohr
D. albo-alare C. Muell. (Mueller in Kindberg, 1889) *nom. nud.*
 Distr. No locality given; see *Index muscorum*, 2, p. 56.
D. alopecurus C. Muell.
D. amabile C. Muell.
D. antarcticum (C. Muell.) Mitt.
D. arctocarpum Hornsch.
D. arenicola C. Muell.
D. areodictyon C. Muell.
D. asplenioides (Hedw.) Web. et Mohr
D. atro-viride Card.
D. aulacocarpum Mont.
D. aurificum C. Muell.
 var. *flavescens* C. Muell.
D. australe Besch. ex C. Muell.
D. austro-alpinum C. Muell.
D. austro-georgicum C. Muell.
D. berteroanum Brid.
D. billardieri Brid.
 var. *compactum* Card.
 var. ***flavicans*** Card. (Cardot, 1908a).

Distr. Southern South America (Bescherelle, 1889 (as *D. imponens* for Île Wellington, leg. Dr. Contraud *fide* Cardot, 1908a); Cardot, 1908a).

- D. blindiaceum* C. Muell.
D. boryanum Schwaegr.
D. brachythysanos C. Muell.
D. bryoides (Hedw.) Sw.
D. cacti C. Muell.
D. callocaulon C. Muell.
D. canescens C. Muell.
D. capillare (Dus.) Card.
D. capillifolium Card.
D. cardotii R. Brown ter.
D. chilense De Not.
D. chiloense C. Muell. (Mueller in Kindberg, 1889) *nom. nud.*
 Distr. No locality given; see *Index muscorum*, 2, p. 63.
D. chrismarii C. Muell.
D. cirrhifolium Schimp. ex Dus.
D. clavatum R. Brown
D. concolor Hook.
D. cryptodon (Mont.) Mitt.
D. dichotomum (P. Beauv.) Brid.

Chorisodontium aciphyllum
Campylopus acuminatus
Fissidens adianthoides

Campylopus alopecurus
Campylopus amabilis
Dicranoweisia antarctica
Campylopus arctocarpus
Campylopus surinamensis
Campylopus areodictyon
Fissidens asplenioides
Chorisodontium aciphyllum
Dicranella aulacocarpa
Campylopus introflexus

Campylopus aurificus* var. *flavescens
Dicranoloma australe

Campylopus austro-alpinus
Dicranoloma hariotii

Syrhropodon incompletus* var. *berteroanus
Dicranoloma billardieri

Dicranoloma billardieri* var. *compactum

Chorisodontium spegazzinii
Dicranoloma billardieri
Campylopus brachythysanos
Fissidens bryoides
Campylopus cacti
Dicranoloma billardieri
Campylopus canescens
Dicranoloma capillare
Dicranoloma menziesii
Dicranella cardotii
Dicranoloma nigricaula

Campylopus chrismarii
Platyneuron laticostatum
Campylopus clavatus
Campylopus concolor
Camptodontium cyrtodon
Dicranoloma billardieri

- D. dicranellatum* Dus.
D. elegans Dub.
D. euchlorum Mont.
D. falklandicum Card.
D. flavissimus C. Muell.
D. flexifolium Hook.
D. flexuosum Hedw.
 var. *minus* Schwaegr.
D. fuegianum (Dus.) Card.
 var. *laxum* (Dus.) Card.
D. gayanum Mont.
D. gracilescens Dus.
D. grandialare Dus.
D. grimmioides C. Muell.
D. griseum (Hornsch.) C. Muell.
D. guilleminianum Mont.
D. hariotii C. Muell.
D. hatscheri Dus.
D. helvolum C. Muell.
D. hilarianum Mont.
D. hookeri Schimp.
D. humifugum C. Muell.
D. imponens Mont.
D. incrassatum (C. Muell.) C. Muell.
D. inerme Mitt.
D. introflexum Hedw.
D. involutifolium Sull.
D. jamesonii Hook.
D. jamesonii Tayl.
D. lanigerum C. Muell.
D. laticostatum Card.
- D. leucobryoides*** Besch. ex C. Muell. (Bescherelle ex Mueller, 1901a [1900]).
 Distr. Southern South America (Mueller, 1901a).
- D. leucopterum* C. Muell.
 var. *oncophoriopsis* C. Muell. (Mueller, 1885).
 Distr. Southern South America (Mueller, 1885; Paris, 1904b; Cardot, 1908a).
- D. lonchotrix* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
 Distr. Southern South America (Mueller, 1901a).
- D. macropus* Kunz. ex C. Muell.
D. magellanicum Card.
D. menziesii Hook. f. et Wils.
 var. *fernandezianum* Card. ex Thér.
- D. microdus* Lor.
D. morenoi C. Muell.
- Chorisodontium dicranellatum***
 Anisothecium elegans
 Microdus euchlorus
Dicranoloma falklandicum
 Campylopus flavissimus
 Ditrichum difficile
 Campylopus flexuosus
 Campylopus flexuosus
 Dicranoloma hariotii
 Dicranoloma hariotii
 Aongstroemia gayana
 Blindia curviseta
 Dicranoloma robustum
 Campylopus grimmioides
 Campylopus griseum
 Dicranella guilleminiana
 Dicranoloma hariotii
Chorisodontium aciphyllum
 Dicranoloma billardieri
 Dicranella hilariana
 Dicranoloma robustum
 Campylopus humifugus
 Dicranoloma imponens
 Campylopus incrassatus
 Holodontium inerme
 Campylopus introflexus
 Dicranoloma imponens
 Campylopus jamesonii
 Anisothecium vaginatum
Chorisodontium lanigerum
 Platyneurum laticostatum
- Chorisodontium aciphyllum***
- Chorisodontium macropus***
Chorisodontium magellanicum
 Dicranoloma menziesii
Dicranoloma menziesii* var. *fernandezianum
Chorisodontium microdus
 Campylopus morenoi

- D. nano-cespitosum* C. Muell. (Mueller *in* Kindberg, 1891) *nom. nud.*
Distr. No locality given; see *Index muscorum*, 2, p. 86.
- D. nigricaula* Aongstr. ***Dicranoloma nigricaula***
 var. *flexuosulum* (Dus.) Card. ***Dicranoloma nigricaula* var. *flexuosulum***
- D. nordenskiöldii* Card. ***Chorisodontium aciphyllum***
- D. oleodictyon*** Dix. (Dixon, 1934).
Distr. South Georgia (Dixon, 1934; Steere, 1961*b*; Bell, 1973*b*).
 Antarctic, peninsula region N (Bell, 1973*a*).
- D. orthocomum* Besch. ex C. Muell. ***Chorisodontium aciphyllum***
- D. osmundoides* (Hedw.) Turn. ***Fissidens osmundoides***
- D. percompactum* Dus. ***Chorisodontium magellanicum***
- D. perhorridum* (Dus.) Card. ***Campylopus perhorridus***
- D. perincanum* C. Muell. ***Campylopus canescens***
- D. perremotifolium* (Dus.) Card. ***Dicranoloma perremotifolium***
- D. peruncinatum* (Dus.) Card. ***Dicranoloma nigricaula***
- D. pseudo-australe* C. Muell. ***Dicranoloma australe***
- D. pseudo-leucoloma*** C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Kühnemann, 1938).
- D. pseudo-truncorum* C. Muell. (Mueller *in* Kindberg, 1889) *nom. nud.*
Distr. No locality given; see *Index muscorum*, 2, p. 93.
- D. pumilum* (Mitt.) Mitt. ***Holodontium pumilum***
- D. pungens* Hook. f. et Wils. ***Dicranoloma robustum***
- D. purpureum* Hedw. ***Ceratodon purpureus***
- D. racovitzae* Card. ***Dicranoloma nigricaula***
- D. ramulosum* Mitt. ***Holodontium ramulosum***
- D. recurvipilum* C. Muell. ***Campylopus griseus***
- D. richardii* (Brid.) C. Muell. ***Campylopus richardii***
- D. rigens* Besch. ***Chorisodontium aciphyllum***
- D. robustum* Hook. f. et Wils.
 Card. (Cardot, 1908*a*). ***Dicranoloma robustum***
- Distr.* Southern South America (Cardot, 1901 (as *D. robustum* *fide* Cardot, 1908*a*); Dusén, 1903*a* (p. 68 as *D. australe* *fide* Cardot, 1908*a*); Cardot, 1908*a*).
- var. *lagunicola* (Dus.) Card. ***Dicranoloma imponens***
- var. *pungens* (Hook. f. et Wils.) Hook. f. ***Dicranoloma robustum***
- D. saddleanum* Besch. ex C. Muell. ***Campylopus vesticaulis***
- D. scaberrimum* Dus. ***Chorisodontium aciphyllum***
- D. scabrophyllum* C. Muell. ***Campylopus scabrophyllus***
- D. scoparium*** Hedw. var. ***reflectens*** Brid. (Bridel, 1826).
Distr. Southern South America (Montagne, 1845*b*, 1850; Kühnemann, 1938).
- D. sellowii* Hornsch. ***Dicranella hilariana***
- D. semicompletum* (Hedw.) Mohr ***Fissidens semicompletus***
- D. setosum* Hook. f. et Wils. ***Dicranoloma robustum* var. *setosum***
- var. *strictifolium* (Dus.) Card. ***Dicranoloma robustum* var. *strictifolium***
- D. skottsbergii* Card. ***Dicranoloma skottsbergii***

D. spagazzinii C. Muell.

D. starkei Web. et Mohr

D. stenocarpum (Hamp.) C. Muell.

D. stenopus C. Muell.

D. strictum Schwaegr.

D. suberectum Hamp.

D. subimponens Card.

D. syrrhopodontoides C. Muell. (Mueller, 1897a).

Syn. *Leucoloma syrrhodictyon* (C. Muell.) Broth. (Brotherus, 1901).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1901).

D. taxifolium (Hedw.) Web. et Mohr

D. tenuicuspdatum C. Muell.

D. tenuifolium Hook. f. et Wils.

D. tenuirostre Kunz. ex Schwaegr.

D. toninii C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Cardot, 1908a).

D. truncatum (C. Muell.) C. Muell.

D. truncorum Schimp. ex C. Muell.

D. turgidissimum Dus.

D. vaginatum Hook.

D. vaginatum Hook. f. et Wils.

D. verticillatum Hamp.

D. xanthopyllum Mont. ex Par.

Chorisodontium spagazzinii

Kiaeria starkei

Campylopus stenocarpus

Campylopus stenocarpus

Pilopogon gracilis

Dicranoloma menziesii

Dicranoloma subimponens

Fissidens taxifolius

Chorisodontium aciphyllum

Blindia robusta

Dicranella hilariana

Campylopus truncatus

Dicranoloma truncorum

Dicranoloma subimponens

Anisothecium vaginatum

Dicranella hookeri

Campylopus verticillatus

Campylopus introflexus

Didymodon

D. amblyophyllus (Hook.) Broth. (Brotherus, 1902).

Syn. *Gymnostomum amblyophyllum* Hook. (Hooker, 1830).

Pottia amblyophylla (Hook.) C. Muell. (Mueller, 1849).

Tortula amblyophylla (Hook.) Mitt. (Mitten, 1869).

Barbula amblyophylla (Hook.) Jaeg. (Jaeger, 1873).

Distr. Southern South America (Hooker, 1830; Mueller, 1849; Mitten, 1869; Jaeger, 1873; Paris, 1904b; Warnstorf, 1916; Brotherus, 1924a; Kühnemann, 1938).

D. ampliretis Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

D. andreaeoides Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

D. angustifolius Herz. (Herzog, 1960) *hom. illeg.*

Distr. Southern South America (Bartram, 1965 (as *D. angustatus* Herz.)).

D. argentanicus (Par.) Par. (Paris, 1904b).

Syn. *Barbula argentinica* Par. (Paris, 1894).

Barbula rubiginosa C. Muell. (Mueller, 1882) *hom. illeg.*

Didymodon rubiginosus Broth. (Brotherus, 1902) *hom. illeg.*

Barbula subrubiginosa Kindb. (Kindberg, 1889) *nom. nud.*

Distr. Southern South America (Mueller, 1882; Paris, 1894, 1904b; Brotherus, 1902, 1924a; Kühnemann, 1938).

D. argentanicus Warnst. ex Broth.

Didymodon argentiniensis

D. argentiniensis Warnst. (Warnstorf, 1916).

Syn. *Didymodon argentinicus* Warnst. ex Broth. (Warnstorf ex Brotherus, 1924a) *hom. illeg.*

Distr. Southern South America (Warnstorf, 1916; Brotherus, 1924a; Kühnemann, 1938).

D. berthoanus Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

D. brachydontius (Bruch) Wils.***Trichostomum brachydontium*****D. brunneus** (C. Muell.) Warnst. (Warnstorf, 1916).

Syn. *Trichostomum brunneum* C. Muell. (Mueller, 1879a).
Anacalypta brunnea (C. Muell.) Kindb. (Kindberg, 1889).
Pottia brunnea (C. Muell.) Par. (Paris, 1897).
Barbula brunnea (C. Muell.) Broth. (Brotherus, 1902) *hom. illeg.*
Trichostomum nudum C. Muell. (Mueller, 1882).
Anacalypta nuda (C. Muell.) Kindb. (Kindberg, 1889).
Pottia nuda (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1897, 1905b; Brotherus, 1902, 1924a; Warnstorf, 1916; Hosseus, 1935b, 1937; Kühnemann, 1938).

D. calymperidictyon Broth.***Bryoerythrophyllum campylocarpum*****D. capillaceus** (Hedw.) Web. et Mohr***Distichium capillaceum***

var. *compactus* Hueb.

Distichium capillaceum* var. *compactum**D. crassinervis** Thér. (Thériot in Costes, 1921) *nom. nud.*

Distr. Southern South America (Costes, 1921 (as *Didymodon*)).

D. cyathicarpus (Mont.) Mitt.***Amphidium tortuosum*****D. dusenii** Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

D. gelidus Card. (Cardot, 1907a).

Distr. Antarctic, peninsula region (Dixon, 1920).
 Antarctic, continental region (Cardot, 1907a, 1908a; Brotherus, 1924a; Steere, 1961a).

D. glacialis Hook. f. et Wils.***Sarconeurum glaciale*****D. glauco-viridis** (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Trichostomum glauco-viride* C. Muell. (Mueller, 1882).
Anacalypta glauco-viridis C. Muell. (Mueller, 1882) *nom. nud.*
Pottia glauco-viridis (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1882; Paris, 1897, 1904b; Brotherus, 1902, 1924a; Warnstorf, 1916; Hosseus, 1938c; Kühnemann, 1938).

D. gracilescens Bartr. (Bartram, 1936) *hom. illeg.*

Distr. Southern South America (Bartram, 1936; Hosseus, 1938c, d, 1939).

D. gracilis Hook.***Pilopogon gracilis***

var. *robustum* Hook.

Pilopogon gracilis**D. gymnus** (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Trichostomum gymnum* C. Muell. (Mueller, 1879a).
Anacalypta gymna (C. Muell.) Kindb. (Kindberg, 1889).
Pottia gymna (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879a; Paris, 1897, 1904b; Warnstorf, 1916; Brotherus, 1902, 1918, 1924a; Kühnemann, 1938).

D. heimii (Hedw.) Kindb.***Pottia heimii*****D. heteromallus** (Hedw.) Hook. et Tayl.***Ditrichum heteromallum*****D. homomallus** Hedw.***Ditrichum heteromallum***

- D. inundatus** (Mitt.) Broth. (Brotherus, 1902).
Syn. *Tortula inundata* Mitt. (Mitten, 1869).
Barbula inundata (Mitt.) Jaeg. (Jaeger, 1873).
Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1873; Brotherus, 1902, 1924a; Paris, 1904b; Herter, 1928, 1933a; Hosseus, 1938d).
- D. linearis* Broth. ***Bryoerythrophyllum campylocarpum***
- D. longifolius* (Brid.) Hook. f. et Wils. ***Leucoloma longifolium***
- var. curvifolius** Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1847).
Distr. Southern South America (Wilson and Hooker, 1847; Kühnemann, 1938).
var. penicillatus Hook. f. et Wils. ***Ditrichum strictum***
var. tenuifolius Hook. f. et Wils. ***Ditrichum hyalinum***
- D. lorentzianus** (C. Muell.) Broth. (Brotherus, 1902).
Syn. *Pottia lorentziana* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1904b; Warnstorf, 1916; Hosseus, 1935b, 1937; Kühnemann, 1938).
- D. microthecius** (C. Muell.) Broth. (Brotherus, 1902).
Syn. *Trichostomum microthecium* C. Muell. (Mueller, 1882).
Anacalypta microthecium C. Muell. (Mueller, 1882) *nom. nud.*
Pottia microthecia (C. Muell.) Par. (Paris, 1897).
Distr. Southern South America (Mueller, 1882; Paris, 1897, 1904b; Brotherus, 1902, 1924a; Warnstorf, 1916; Kühnemann, 1938).
- D. montevidensis** Broth. (Brotherus *in* Felippone, 1917).
Distr. Southern South America (Felippone, 1917; Brotherus, 1924a; herter, 1933a).
- D. oligodontus* Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*
Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b).
- D. orbignyana** (C. Muell.) Broth. (Brotherus, 1902).
Syn. *Pottia orbignyana* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a, c; Paris, 1904b; Warnstorf, 1916; Espinosa B., 1941).
- D. patagonicus** (Mitt.) Broth. (Brotherus, 1924a).
Syn. *Tortula patagonica* Mitt. (Mitten, 1869).
Barbula patagonica (Mitt.) Jaeg. (Jaeger, 1873).
Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1904a; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).
- D. pichinchensis* Tayl. ***Zygodon pichinchensis***
- D. polycephalus** Mont. (Montagne, 1845a).
Distr. Southern South America (Montagne, 1845a, 1856; Mueller, 1848a; Jaeger, 1873).
- D. pungens* Mitt. ***Leptodontium pungens***
- D. reflexus** Thér. (Thériot, 1924).
Distr. Southern South America (Thériot, 1924; Brotherus, 1925; Hosseus, 1938d).
- D. reticulatus** Gillies ex Grev. (Gillies ex Greville, 1830).
Distr. Southern South America (Greville, 1830).
- D. rigidulus** Hedw. (Hedwig, 1801).

- Syn.* *Bryum rigidulum* (Hedw.) Dicks. (Dickson, 1801).
Trichostomum rigidulum (Hedw.) Turn. (Turner, 1804a).
Desmatodon rigidulus Hassk. (Hasskarl, 1851) *err.*
Barbula rigidula (Hedw.) Mitt. (Mitten, 1864).
Tortula rigidula (Hedw.) Lindb. (Lindberg, 1864a).

Distr. Southern South America (Roivainen, 1934).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

D. rubellus B.S.G.

Bryoerythrophyllum recurvirostre

D. rubiginosus Broth.

Didymodon argentinicus

D. schilleri Herz. et Thér. (Herzog and Thériot *in* Herzog and others, 1933).

Distr. Southern South America (Herzog and others, 1933; Herzog, 1938, 1957; Kühnemann, 1938).

D. schimperi (Mont.) Broth. (Brotherus, 1902).

- Syn.* *Trichostomum schimperi* Mont. (Montagne, 1845a).
Barbula schimperi (Mont.) Mitt. (Mitten, 1859).
Desmatodon schimperi (Mont.) Jaeg. (Jaeger, 1873).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Jaeger, 1873; Brotherus, 1902, 1924a; Paris, 1904b; Williams, 1930).

D. spathulato-linearis (C. Muell.) Broth. (Brotherus, 1902).

- Syn.* *Trichostomum spathulato-lineare* C. Muell. (Mueller, 1879a).
Anacalypta spathulato-linearis (C. Muell.) Kindb. (Kindberg, 1889).
Pottia spathulato-linearis (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879a; Paris, 1897, 1904b; Brotherus, 1902; Warnstorff, 1916; Kühnemann, 1938).

D. subtrophaceus Williams

Trichostomopsis australasiae

Dimerodontium

D. acuminatum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939; Herzog, 1952a).

D. aurescens C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1925; Kühnemann, 1938; Hosseus, 1939).

D. chlorophyllosum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939; Herzog, 1952a).

D. mendozense Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1878; Mueller, 1879a; Paris, 1904b; Krieger, 1904; Kurtz, 1904; Brotherus, 1925; Herter, 1928, 1933a, 1939a, b; Hosseus, 1935a, b, 1936, 1937, 1938a, b, c, d; Kühnemann, 1938; Herzog, 1952a).

D. ovatifolium Herz. (Herzog, 1916b).

Distr. Southern South America (Herzog, 1916b).

D. pellucidum (Schwaegr.) Mitt. (Mitten, 1869).

- Syn.* *Sclerodontium pellucidum* Schwaegr. (Schwaegrichen, 1830).
Leskea pellucida Hook. (Hooker *in* Schwaegrichen, 1830) *nom. nud.*
Hypnum sclerodontium C. Muell. (Mueller, 1851a).
Fabriona longidens Dub. (Duby, 1868).

Distr. Southern South America (Duby, 1868; Mitten, 1869; Jaeger, 1878; Paris, 1904b; Thériot, 1919; Brotherus, 1925; Kühnemann, 1938).

D. rivulare C. Muell.

Amblystegium rivulare

D. schnyderi C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1925; Kühnemann, 1938).

Diplostichum

D. longirostre (Brid.) Mont. (Montagne, 1845*a*).

Syn. *Pterigynandrum longirostre* Brid. (Bridel, 1819).
Eustichia longirostris (Brid.) Brid. (Bridel, 1827*b*).

Distr. Juan Fernandez (Robinson, 1975).
Southern South America (Montagne, 1845*a*, 1850, 1856; Mueller, 1848*a*; Lorentz, 1866; Jaeger, 1873; Paris, 1904*b*; Seki, 1974).

D. lorentzii C. Muell. (Mueller, 1897*a*).

Syn. *Eustichia lorentzii* (C. Muell.) Par. (Paris, 1900*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*; Kurtz, 1904; Brotherus, 1924*a*; Hosseus, 1936, 1937; Kühnemann, 1938).

D. poeppigii C. Muell. ex Card. ex Thér. (Mueller ex Cardot ex Thériot, 1921*a*).

Syn. *Eustichia poeppigii* Par. (Paris, 1900*a*) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924*b*; Espinosa B., 1941; Bartram, 1959).
Southern South America (Paris, 1900*a*; Cardot, 1908*a*; Campo, 1921; Thériot, 1921*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Reimers, 1926; Roivainen, 1934; Kühnemann, 1938; Herzog, 1939, 1940, 1954, 1960; Bartram, 1952).

var. *laetevirens* Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

Discophyllum

D. dicksonii (Hook. et Grev.) Mitt.

Distichophyllum dicksonii

Dissodon

D. dubyanus Besch.

Tayloria dubyi

D. magellanicus (Brid.) Hamp.

Tayloria magellanica

D. mirabilis Card.

Tayloria mirabilis

D. plagiopus (Mont.) C. Muell.

Tayloria octoblepharum

Distichium

D. austro-georgicum C. Muell. (Mueller, 1890*a*).

Distr. South Georgia (Mueller, 1890*a*; Paris, 1904*b*; Cardot, 1908*a*; Dixon, 1932; Steere, 1961*b*).

D. austro-inclinatorum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).

D. capillaceum (Hedw.) B.S.G. (Bruch and others, 1846).

Syn. *Cynodontium capillaceum* Hedw. (Hedwig, 1801).
Bryum capillaceum (Hedw.) Dicks. ex With. (Dickson ex Withering, 1801).
Didymodon capillaceus (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Trichostomum capillaceum (Hedw.) Sm. (Smith, 1803).
Cynodontium capillaceum (Hedw.) Brid. (Bridel, 1806).
Leptotrichum capillaceum (Hedw.) Mitt. (Mitten, 1860).
Ditrichum capillaceum (Hedw.) Watts et Whitel. (Watts and Whitelegge, 1902).

- Distr.* Southern South America (Wilson and Hooker, 1847; Dusén, 1903a, 1905a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Bartram, 1952).
 South Georgia (Brotherus, 1924a; Newton, 1977a).
 Antarctic, peninsula region (Cardot, 1900, 1901, 1908a, 1911b, d, 1913a; Paris, 1904b; Steere, 1961a (all these references as *D. capillaceum* var. *brevifolium* fide Newton, 1977b); Newton 1977b).
 Antarctic, continental region (the record for Cardot, 1907a given by Steere, 1961a and mentioned by Newton, 1977b is erroneous as is the Cardot, 1908a record for a Skottsberg specimen from Moss Island, see original Cardot papers).

var. *brevifolium* B.S.G.

Distichium capillaceum* var. *compactum

var. ***compactum*** (Hueb.) Torre et Sarnth. (Dalla Torre and Sarnthein, 1904).

Syn. *Didymodon capillaceus* (Hedw.) Web. et Mohr var. *compactus* Hueb. (Hübener, 1833).

Distichium capillaceum (Hedw.) B.S.G. var. *brevifolium* B.S.G. (Bruch and others, 1846) *nom. illeg.*

- Distr.* Southern South America (Roivainen and Bartram, 1937).
 Falkland Islands (Cardot and Brotherus, 1923).

D. lorentzii C. Muell. (Mueller, 1882).

- Distr.* Southern South America (Mueller, 1882; Krieger, 1904; Paris, 1904b; Kühnemann, 1938).

Distichophyllum

D. apiculatum (Hook. f. et Wils.) Mitt.

Eriopus apiculatus

D. assimile Broth. (Brotherus, 1924b).

Syn. *Mniadelphus assimilis* Broth. (Brotherus in Fleischer, 1922) *nom. nud.*

- Distr.* Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Welch, 1969; Matteri, 1975b; Robinson, 1975).

D. cavifolium (Card.) Card.

Distichophyllum eremitae

var. *montanum* Card.

Distichophyllum eremitae

D. crispatisimum Dus.

Distichophyllum ellipticum

D. dicksonii (Hook. et Grev.) Mitt. (Mitten, 1869).

Syn. *Hookeria dicksonii* Hook. et Grev. (Hooker and Greville, 1825a).

Mniadelphus dicksonii (Hook. et Grev.) Hamp. (Hampe in Mueller, 1850).

Discophyllum dicksonii (Hook. et Grev.) Mitt. (Mitten, 1868).

- Distr.* Southern South America (Hooker and Greville, 1825a; Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1850, 1885; Sullivan, 1859; Mitten, 1869; Jaeger, 1877; Bescherelle, 1889; Paris, 1904b; Cardot, 1908a; Brotherus, 1925; Herzog, 1938, 1954; Kühnemann, 1938; Welch, 1969; Seki, 1974; Matteri, 1975a, b).
 Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Paris, 1904b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Matteri, 1975b).

D. ellipticum Herz. (Herzog, 1954).

Syn. *Distichophyllum crispatisimum* Dus. (Dusén, 1903a) *nom. nud.* fide Matteri, 1975a.

- Distr.* Southern South America (Dusén, 1903a; Paris, 1904b; Herzog, 1939, 1954; Welch, 1969; Seki, 1974; Matteri, 1975a, b).

D. eremitae (Jaeg.) Par. (Paris, 1895).

Syn. *Mniadelphus eremitae* Jaeg. (Jaeger, 1877).

Distichophyllum procumbens Mitt. (Mitten, 1869) *hom. illeg.*

Mniadelphus procumbens C. Muell. (Mueller, 1885) *hom. illeg.*

Mniadelphus cavifolius Card. (Cardot, 1905a) fide Matteri, 1975a.

Distichophyllum cavifolium (Card.) Card. (Cardot, 1908a) fide Matteri, 1975a.

Distichophyllum cavifolium (Card.) Card. var. *montanum* Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.* fide Matteri, 1975a.

Distr. Southern South America (Mitten, 1869; Jaeger, 1877; Mueller, 1885, 1889; Paris, 1895, 1904b; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Welch, 1969; Seki, 1974; Matteri, 1975a, b).
Falkland Islands (Matteri, 1975b).

***D. fasciculatum* Mitt. (Mitten, 1876).**

Distr. Southern South America (Herzog, 1960).

***D. fernandezianum* Broth. (Brotherus, 1924b).**

Distr. Juan Fernandez (Brotherus, 1924a, b; Welch, 1969; Matteri, 1975b; Robinson, 1975 (as synonym of *D. assimile*)).

***D. flaccidum* (Hook. f. et Wils.) Mitt. (Mitten, 1869).**

Syn. *Hookeria flaccida* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Mniadelphus flaccidus (Hook. f. et Wils.) Hamp. (Hampe in Mueller, 1850).

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1850, 1885; Mitten, 1869; Jaeger, 1877; Paris, 1905a; Cardot, 1908a; Brotherus, 1925; Welch, 1969; Matteri, 1975a, b).

D. hahnianum Fleisch.

Eriopus apiculatus

***D. fuegianum* Matteri (Matteri, 1975a).**

Distr. Southern South America (Matteri, 1975a, b).

***D. grandifolium* Matteri (Matteri, 1975b).**

Distr. Southern South America (Matteri, 1975b).

***D. kraussei* (Lor.) Mitt. (Mitten, 1885).**

Syn. *Mniadelphus kraussei* Lor. (Lorentz, 1864).
Mniadelphus kraussei Lor. (Lorentz in Jaeger, 1877) *err.*
Mniadelphus nigricans C. Muell. (Mueller in Bescherelle, 1889) *nom. nud. fide* Matteri, 1975a.
Distichophyllum nigricans Besch. (Bescherelle, 1889) *fide* Matteri, 1975a.
Distichophyllum latilimbatum Card. (Cardot in Matteri, 1975a) *nom. nud. fide* Matteri, 1975a.

Distr. Southern South America (Lorentz, 1864, 1866; Jaeger, 1877; Bescherelle, 1889; Neger, 1899; Paris, 1904b, 1905a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938; Welch, 1969; Seki, 1974; Matteri, 1975a, b).

D. latilimbatum Card.

Distichophyllum kraussei

D. molle Besch.

Eriopus bescherellei

***D. nanospathulatum* Herz. (Herzog, 1954).**

Distr. Southern South America (Herzog, 1954; Welch, 1969; Matteri, 1975b).

D. nigricans Besch.

Distichophyllum kraussei

***D. patagonicum* Besch. (Bescherelle, 1889).**

Distr. Southern South America (Bescherelle, 1889; Paris, 1904b; Cardot, 1908a; Brotherus, 1925; Welch, 1969).

D. procumbens Mitt.

Distichophyllum eremitae

***D. rotundifolium* (Hook. f. et Wils.) C. Muell. et Broth. (Mueller and Brotherus, 1900).**

Syn. *Hookeria rotundifolia* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Mniadelphus rotundifolius (Hook. f. et Wils.) C. Muell. (Mueller, 1851a).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938; Herzog, 1960; Welch, 1969; Seki, 1974; Matteri, 1975b).

***D. subelimbatum* Broth. (Brotherus, 1924b).**

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Welch, 1969; Matteri, 1975b; Robinson, 1975).

D. submersum Matteri (Matteri, 1975a).

Distr. Southern South America (Matteri, 1975a, b).

D. theriotianum Matteri (Matteri, 1975b).

Distr. Southern South America (Matteri, 1975b).

Ditrichum

D. affine (C. Muell.) Hamp.

Ditrichum difficile

D. australe (Mitt.) Mitt.

Ditrichum strictum

D. capillaceum (Hedw.) Watts et Whitel.

Distichium capillaceum

D. conicum* (Mont.) Mitt. (Mitten, 1879).

Syn. Aschistodon conicus Mont. (Montagne, 1845a).

Cynontodium conicum (Mont.) Mitt. (Mitten, 1869).

Leptotrichum montagnei C. Muell. (Mueller, 1848a) *nom. illeg.*

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Lorentz, 1866; Mitten, 1869; Jaeger, 1873; Paris, 1904b; Dusén, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1935a; Roivainen and Bartram, 1937; Herzog, 1938, 1939, 1957; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

var. glaciale Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Roivainen and Bartram, 1937).

D. cylindricarpum (C. Muell.) Hamp. (Hampe, 1880c).

Syn. Leptotrichum cylindricarpum C. Muell. (Mueller, 1851b).

Trichostomum cylindricarpum (C. Muell.) Wils. (Wilson in Wilson, 1859).

Trichostomum elongatum Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Cynontodium elongatum (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Leptotrichum elongatum (Hook. f. et Wils.) Jaeg. (Jaeger, 1873).

Ditrichum elongatum (Hook. f. et Wils.) Mitt. (Mitten, 1883).

Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1904b; Dusén, 1905a; Cardot, 1908a; Herzog, 1923, 1957; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

D. difficile (Dub.) Fleisch. (Fleischer, 1904).

Syn. Trichostomum difficile Dub. (Duby in Moritzi, 1846).

Leptotrichum difficile (Dub.) C. Muell. (Mueller, 1901a [1900]).

Leptotrichum affine C. Muell. (Mueller, 1847c).

Trichostomum affine (C. Muell.) Mont. (Montagne, 1850) *hom. illeg.*

Ditrichum affine (C. Muell.) Hamp. (Hampe, 1867b).

Cynontodium affine (C. Muell.) Mitt. (Mitten, 1869).

Dicranum flexifolium Hook. (Hooker, 1819) *hom. illeg.*

Leptotrichum flexifolium Mitt. (Mitten, 1856).

Ditrichum flexifolium (Mitt.) Hamp. (Hampe, 1867b).

Trichostomum laxifolium Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Ditrichum laxifolium (Hook. f. et Wils.) Mitt. (Mitten, 1883).

Leptotrichum laxifolium (Hook. f. et Wils.) C. Muell. (Mueller, 1901a [1900]).

Distr. Juan Fernandez (Mitten, 1869; Jaeger, 1873; Paris, 1904b; Skottsberg, 1914; Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
Southern South America (Mueller, 1847c, 1848a; Montagne, 1850; Lorentz, 1866; Jaeger, 1873; Paris, 1904b; Dusén, 1905a; Cardot, 1908a; Thériot, 1915, 1921a; Herzog, 1923, 1938, 1954; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

D. elongatum (Hook. f. et Wils.) Mitt.

Ditrichum cylindricarpum

D. flexifolium (Mitt.) Hamp.

Ditrichum difficile

D. fontanum Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954).

*See also footnote to entries for *Pseudoditrichum atlanticum* Dix. and *P. taitaoense* Froehl.

D. glaciale (C. Muell.) O. Kuntze

Sarconeurum glaciale

D. hallei Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemann, 1938).

D. heteromallum (Hedw.) Britt. (Britton, 1913).

Syn. *Weisia heteromalla* Hedw. (Hedwig, 1801).
Grimmia heteromalla (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Bryum heteromallum (Hedw.) P. Beauv. (Palisot de Beauvois, 1822) *hom. illeg.*
Didymodon heteromallus (Hedw.) Hook. et Tayl. (Hooker and Taylor, 1818).
Didymodon homomallus Hedw. (Hedwig, 1801).
Grimmia homomalla (Hedw.) Sm. (Smith, 1804b).
Leptotrichum homomallum (Hedw.) Hamp. (Hampe in Mueller, 1848a).
Ditrichum homomallum (Hedw.) Hamp. (Hampe, 1867b).
Bryum weisii Dicks. ex With. (Dickson ex Withering, 1801).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

D. homomallum (Hedw.) Hamp.

Ditrichum heteromallum

var. *leptocladum* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

D. hookeri (C. Muell.) Hamp. (Hampe, 1867b).

Syn. *Leptotrichum hookeri* C. Muell. (Mueller, 1848a).
Cynontodium hookeri (C. Muell.) Mitt. (Mitten, 1869).
Cynodontium hookeri (C. Muell.) Mitt. (Mitten, 1876).
Blindia leptotrichocarpa C. Muell. (Mueller, 1885).
Blindia leptotrichacea C. Muell. ex Par. (Mueller ex Paris, 1894) *err.*

Distr. Southern South America (Mueller, 1848a, 1885; Mitten, 1869; Jaeger, 1873; Bescherelle, 1889; Paris, 1894, 1904a, b; Dusén, 1905a; Cardot, 1905a, 1908a, 1913a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1954; Seki, 1974).
 Falkland Islands (Cardot and Brotherus, 1923).

var. *strictiusculum* (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1959).

Syn. *Blindia leptotrichocarpa* C. Muell. var. *strictiuscula* C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Paris, 1904a; Cardot, 1908a; Kühnemann, 1938).

D. hyalinocrepidatum Card. (Cardot, 1906a).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
 South Georgia (Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b).

D. hyalinum (Mitt.) O. Kuntze (Kuntze, 1891).

Syn. *Leptotrichum hyalinum* Mitt. (Mitten, 1860).
Cynontodium hyalinum (Mitt.) Mitt. (Mitten, 1869).
Didymodon longifolius (Brid.) Hook. f. et Wils. var. *tenuifolius* Hook. f. et Wils. (Hooker and Wilson in Hooker, 1847).

Distr. Southern South America (Mitten, 1860, 1869; Jaeger, 1873; Mueller, 1885; Bescherelle, 1889; Dusén, 1903a, 1905a; Paris, 1904b; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954; Seki, 1974).
 Falkland Islands (Wilson and Hooker, 1847; Mitten, 1860; Paris, 1904b; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

D. inundatum Card.

Blindia magellanica* var. *inundata

D. laxifolium (Hook. f. et Wils.) Mitt.

Ditrichum difficile

D. longisetum (Lor.) Hamp. (Hampe, 1867b).

Syn. *Leptotrichum longisetum* Lor. (Lorentz, 1866).

Distr. Juan Fernandez (Brotherus, 1924*b*; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
Southern South America (Lorentz, 1866; Jaeger, 1873; Bescherelle, 1889; Paris, 1904*b*; Dusén, 1905*a*; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938; Herzog, 1939; Seki, 1974).

D. perporodictyon Dix. (Dixon, 1932).

Distr. South Georgia (Dixon, 1932; Steere, 1961*b*).

D. praealtum (Mitt.) O. Kuntze (Kuntze, 1891).

Syn. *Leptotrichum praealtum* Mitt. (Mitten, 1860).

Distr. Southern South America (Mitten, 1860; Jaeger and Sauerbeck, 1879*b*; Mueller, 1885; Paris, 1904*b*; Cardot, 1908*a*; Brotherus, 1924*a*).

D. roivanenii Bartr. et Roiv. (Bartram and Roivainen in Roivainen and Bartram, 1937).

Syn. Southern South America (Roivainen and Bartram, 1937).

D. rufescens (Hamp.) Hamp. (Hampe, 1867*b*).

Syn. *Leptotrichum rufescens* Hamp. (Hampe, 1862*a*).

Trichostomum strictum Web. et Mohr (Weber and Mohr, 1803).

Ditrichum strictum (Web. et Mohr) Card. (Cardot, 1905*a*) *nom. illeg.*

Ditrichum stenostomum Card. (Cardot, 1908*a*).

Distr. Southern South America (Jaeger, 1873; Mueller, 1879*a*; Cardot, 1905*a*, 1908*a*; Brotherus, 1924*a*; Roivainen and Bartram, 1937; Kühnemann, 1938).
Falkland Islands (Cardot, 1908*a*; Kühnemann, 1938).

D. stenostomum Card.

Ditrichum rufescens

D. strictum (Hook. f. et Wils.) Hamp. (Hampe, 1867*b*).

Syn. *Lophiodon strictus* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Trichostomum australe Mitt. (Mitten in Wilson, 1859).

Leptotrichum australe Mitt. (Mitten, 1860) *nom. illeg.*

Cynotodium australe Mitt. (Mitten, 1869).

Ditrichum australe (Mitt.) Mitt. (Mitten, 1879) *nom. illeg.*

Didymodon longifolius (Brid.) Hook. f. et Wils. var. *penicillatus* Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847).

Distr. Southern South America (Jaeger, 1873; Paris, 1905*a*; Brotherus, 1924*a*).
Falkland Islands (Wilson and Hooker, 1847; Mitten, 1860; Paris, 1905*a*; Brotherus, 1924*a*).

D. strictum (Web. et Mohr) Card.

Ditrichum rufescens

Dorcadion nom. illeg.

D. rupestre (Schwaegr.) Lindb.

Orthotrichum rupestre

Drepanium

D. circinale (Hook.) Roth

Hypnum circinale

D. cupressiforme (Hedw.) Roth

Hypnum cupressiforme

D. revolutum (Mitt.) C. Jens.

Hypnum revolutum

Drepanocladus

D. abbreviatus Card. et Broth.

Drepanocladus brachiatus* var. *abbreviatus

D. aduncus (Hedw.) Warnst. (Warnstorf, 1903).

Syn. *Hypnum aduncum* Hedw. (Hedwig, 1801).

Amblystegium aduncum (Hedw.) De Not. (De Notaris, 1867).

Harpidium aduncum (Hedw.) Con. (Conard, 1945) *nom. inval.*

Distr. Southern South America (Sullivant, 1859; Cardot, 1908*a*).
Falkland Islands (Dumont d'Urville, 1825; Gaudichaud, 1825, 1826; Bridel, 1827*b*).

var. polycarpus (Voit) Roth (Roth, 1904).

- Syn.* *Hypnum polycarpon* Bland. ex Voit (Blandow ex Voit in Sturm, 1813).
Amblystegium polycarpum (Voit) Vent. et Bott. (Venturi and Bottini, 1884).
Drepanocladus polycarpus (Voit) Warnst. (Warnstorf, 1903).
Harpidium polycarpum (Voit) Williams (Williams, 1903b).
Hypnum aduncum Hedw. var. *polycarpum* (Voit) B.S.G. (Bruch and others, 1854).
Hypnum aduncum Hedw. ssp. *polycarpum* (Voit) Meyl. (Meylan, 1905).
Hypnum fluitans Hedw. var. *polycarpon* (Voit) Fiedl. (Fiedler, 1844).
Amblystegium kneiffii B.S.G. var. *polycarpum* (Voit) Braithw. (Braithwaite, 1898).
Hypnum kneiffii (B.S.G.) Schimp. var. *polycarpus* (Voit) Fam. (Familler, 1913).
Amblystegium varium (Hedw.) Lindb. var. *patagonicum* Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Cardot and Brotherus, 1923).

var. plumosus (Schimp.) Warnst.***Drepanocladus uncinatus*****var. subjulaceum** (B.S.G.) Warnst.***Drepanocladus uncinatus* var. *subjulaceus*****D. austro-stramineus** (C. Muell.) Broth. ex Par.***Calliergidium austro-stramineum*****var. gracillimus** (C. Muell.) Card. et Broth.***Calliergidium austro-stramineum* var. *gracillimum*****var. minus** (Card.) Steere***Calliergidium austro-stramineum* var. *minus*****var. subfluitans** (C. Muell.) Steere***Calliergidium austro-stramineum* var. *subfluitans*****var. tenuissimus** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. South Georgia (Cardot and Brotherus, 1923; Steere, 1961b).

D. brachiatus (Mitt.) Dix. (Dixon, 1912).

- Syn.* *Hypnum brachiatum* Mitt. (Mitten in Hooker, 1867).
Amblystegium brachiatum (Mitt.) Broth. (Brotherus in Mueller and Brotherus, 1900).
Amblystegium longifolium Mitt. (Mitten, 1869).
Hypnum longifolium (Mitt.) Jaeg. (Jaeger and Sauerbeck, 1879a) *hom. illeg.*
Drepanocladus longifolius (Mitt.) Broth. ex Par. (Brotherus ex Paris, 1909).

Distr. Southern South America (Jaeger and Sauerbeck, 1879a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Dixon, 1929a, b; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Herzog, 1957).

Falkland Islands (Mitten, 1869; Jaeger and Sauerbeck, 1879a; Paris, 1904c; Cardot, 1908a; Cardot and Brotherus, 1923; Dixon, 1929b).

South Georgia (Dixon, 1932; Steere, 1961b).

Antarctic, peninsula region (Dixon, 1929b, 1935).

var. abbreviatus (Card. et Broth.) Dix. (Dixon, 1929b).

Syn. *Drepanocladus abbreviatus* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Dixon, 1929b).

D. exannulatus (B.S.G.) Warnst. (Warnstorf, 1903).

- Syn.* *Hypnum exannulatum* B.S.G. (Bruch and others, 1854).
Amblystegium exannulatum (B.S.G.) De Not. (De Notaris, 1869).
Amblystegium fluitans (Hedw.) De Not. var. *exannulatum* (B.S.G.) Lindb. (Lindberg and Arnell, 1890) *nom. inval.*
Amblystegium fluitans (Hedw.) De Not. ssp. *exannulatum* (B.S.G.) Arn. et C. Jens. (Arnell and Jensen, 1910).

Distr. Southern South America (Seki, 1974).

D. fluitans (Hedw.) Warnst. (Warnstorf, 1903).

- Syn.* *Hypnum fluitans* Hedw. (Hedwig, 1801).
Harpidium fluitans (Hedw.) Spruc. (Spruce, 1867).
Amblystegium fluitans (Hedw.) De Not. (De Notaris, 1867).
Hypnum fluitans Hedw. var. *falcifolium* Ren. (Renauld in Husnot, 1894).
Amblystegium fluitans (Hedw.) De Not. var. *falcifolium* (Ren.) Arn. et C. Jens. (Arnell and Jensen, 1910) *nom. inval.*
Drepanocladus fluitans (Hedw.) Warnst. var. *falcifolium* (Ren.) Thér. (Thériot, 1924).

Distr. Southern South America (Montagne, 1845*b*, 1850; Wilson and Hooker, 1847; Sullivant, 1859; Eaton, 1892; Paris, 1904*c*; Cardot, 1908*a*; Thériot, 1924; Bartram, 1952; Seki, 1974).

var. australe (Card.) Broth. (Brotherus, 1908).

Syn. *Hypnum fluitans* Hedw. var. *australe* Card. (Cardot, 1905*a*).

Distr. Southern South America (Cardot, 1905*a*; Brotherus, 1908, 1925).
Falkland Islands (Cardot, 1905*a*, 1908*a*; Brotherus, 1908, 1925; Kühnemann, 1938).

var. *falcifolius* (Ren.) Thér.

Drepanocladus fluitans

D. fuegianus (Mitt.) Broth. ex Par. (Brotherus ex Paris, 1909).

Syn. *Amblystegium fuegianum* Mitt. (Mitten, 1869).

Hypnum fuegianum (Mitt.) C. Muell. (Mueller, 1885).

Distr. Southern South America (Mitten, 1869; Jaeger and Sauerbeck, 1879*a*; Mueller, 1885; Paris, 1904*c*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

var. stenophyllus Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

D. kneiffii (B.S.G.) Warnst. **var. chilense** Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924).

D. laculosus (C. Muell.) Broth. (Brotherus in Cardot and Brotherus, 1923).

Syn. *Hypnum laculosum* C. Muell. (Mueller, 1885).

Hypnum fluitans Hedw. var. *laculosum* (C. Muell.) Par. (Paris, 1896).

Distr. Southern South America (Mueller, 1885; Paris, 1896, 1904*c*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

D. longifolius (Mitt.) Broth. ex Par.

Drepanocladus brachiatus

D. orthothecioides (Lindb.) Roth

Drepanocladus uncinatus* var. *subjulaceus

D. perfoliatus C. Muell. or Dus. (Mueller or Dusén in Neger, 1899) *nom. nud.*

Distr. Southern South America (Neger, 1899).

D. perplicatus (Dus.) Roth

Cratoneuron perplicatum

D. plicatus Dix. (Dixon, 1934).

Distr. South Georgia (Dixon, 1934; Steere, 1961*b*).

D. polycarpus (Voit) Warnst.

Drepanocladus aduncus* var. *polycarpus

D. revolvens (Sw.) Warnst. (Warnstorf, 1903).

Syn. *Hypnum revolvens* Sw. (Swartz, 1801).

Amblystegium revolvens (Sw.) De Not. (De Notaris, 1867).

Harpidium revolvens (Sw.) C. Jens. (Jensen in Lange and Jensen, 1887).

Limprichtia revolvens (Sw.) Loesk. (Loeske, 1907).

Hypnum aduncum Hedw. var. *revolvens* (Sw.) Bland. (Blandow, 1809).

Hypnum intermedium Lindb. var. *revolvens* (Sw.) San. (Sanione, 1883) *nom. illeg.*

Amblystegium intermedium Lindb. var. *revolvens* (Sw.) Vent. et Bott. (Venturi and Bottini, 1884) *nom. illeg.*

Distr. Southern South America (Wilson and Hooker, 1847; Cardot and Brotherus, 1923; Kühnemann, 1938).

D. secundifolius (C. Muell.) Dix. (Dixon, 1921).

Syn. *Hypnum secundifolium* C. Muell. (Mueller, 1851*a*).

Sematophyllum secundifolium (C. Muell.) Mitt. (Mitten, 1869).

Rhapidostegium secundifolium (C. Muell.) Jaeg. (Jaeger, 1878).

Hypnum lithophilum Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847) *hom. illeg. fide* Dixon, 1921.

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1851*a*, 1885; Mitten, 1869; Jaeger, 1878; Paris, 1905*b*; Cardot, 1908*a*; Dixon, 1921; Brotherus, 1925).

D. subjulaceus (B.S.G.) Roiv.

Drepanocladus uncinatus* var. *subjulaceus

D. symmetricus (Ren. et Card.) Card.

Drepanocladus uncinatus* var. *symmetricus

***D. uncinatus* (Hedw.) Warnst. (Warnstorf, 1903).**

Syn. Hypnum uncinatum Hedw. (Hedwig, 1801).

Amblystegium uncinatum (Hedw.) De Not. (De Notaris, 1867).

Harpidium uncinatum (Hedw.) C. Jens. (Jensen in Lange and Jensen, 1887).

Sanionia uncinata (Hedw.) Loesk. (Loeske, 1907).

Hypnum georgico-uncinatum C. Muell. (Mueller, 1890a).

Hypnum uncinatum Hedw. var. *plumosum* Schimp. (Schimper, 1860).

Drepanocladus uncinatus (Hedw.) Warnst. var. *plumosus* (Schimp.) Warnst. (Warnstorf, 1903).

Amblystegium uncinatum (Hedw.) De Not. var. *plumosum* (Schimp.) Moell. (Möller, 1907).

Amblystegium aduncum (Hedw.) De Not. var. *plumosum* (Schimp.) Hult (Hult, 1886).

Drepanocladus aduncus Warnst. var. *plumosus* (Schimp.) Warnst. (Warnstorf, 1906).

Distr. Southern South America (Wilson and Hooker, 1847; Ångström, 1872; Jaeger and Sauerbeck, 1879a; Dusén, 1903a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938; Herzog, 1939, 1940, 1954, 1957; Seki, 1974).

Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Paris, 1904c; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Dixon, 1932; Steere, 1961b).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, b, 1907c, 1908a, 1911b, c, d, 1912b, 1913a; Paris, 1904c; Wright, 1905; Brotherus, 1925; Dixon, 1935; Bartram, 1957; Steere, 1961a; Greene, 1968a; Robinson, 1972).

var. *orthothecioides* (Lindb.) Broth.

Drepanocladus uncinatus* var. *subjulaceus

var. *plumosus* (Schimp.) Warnst.

Drepanocladus uncinatus

var. ***stenocarpus*** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923).

var. ***subjulaceus*** (B.S.G.) Warnst. (Warnstorf, 1903).

Syn. Hypnum uncinatum Hedw. var. *subjulaceum* B.S.G. (Bruch and others, 1854).

Amblystegium uncinatum (Hedw.) De Not. var. *subjulaceum* (B.S.G.) C. Jens. (Jensen, 1898 [1897]).

Drepanocladus subjulaceus (B.S.G.) Roiv. (Roivainen, 1954).

Drepanocladus aduncus Warnst. var. *subjulaceum* (B.S.G.) Warnst. (Warnstorf, 1906).

Hypnum uncinatum Hedw. var. *orthothecioides* (Lindb.) Zett. (Zetterstedt, 1876).

Harpidium uncinatum (Hedw.) C. Jens. var. *orthothecioides* (Lindb.) C. Jens. (Jensen in Lange and Jensen, 1887).

Amblystegium uncinatum (Hedw.) De Not. var. *orthothecioides* (Lindb.) C. Jens. (Jensen, 1898 [1897]).

Drepanocladus uncinatus (Hedw.) Warnst. var. *orthothecioides* (Lindb.) Broth. (Brotherus, 1910b).

Amblystegium aduncum (Hedw.) De Not. ssp. *orthothecioides* (Lindb.) Lindb. (Lindberg, 1879).

Amblystegium orthothecioides (Lindb.) Lindb. ex Par. (Lindberg ex Paris, 1894).

Hypnum orthothecioides (Lindb.) Par. (Paris, 1904c).

Sanionia orthothecioides (Lindb.) Loesk. (Loeske, 1907).

Drepanocladus orthothecioides (Lindb.) Roth (Roth, 1904).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

South Georgia (Cardot and Brotherus, 1923; Steere, 1961b).

Antarctic, peninsula region (Cardot, 1913a).

var. ***symmetricus*** (Ren. et Card.) Grout (Grout, 1929).

Syn. Hypnum uncinatum Hedw. ssp. *symmetricum* Ren. et Card. (Renauld and Cardot, 1888).

Amblystegium uncinatum (Hedw.) De Not. var. *symmetricum* (Ren. et Card.) Dus. (Dusén, 1903a).

Hypnum symmetricum (Ren. et Card.) Ren. et Card. (Renauld and Cardot, 1889).

Sanionia symmetrica (Ren. et Card.) Wheld. (Wheldon, 1921).

Drepanocladus symmetricus (Ren. et Card.) Card. (Cardot in Cardot and Brotherus, 1923).

Hypnum uncinatum Hedw. var. *cylindropyxis* Dus. (Dusén in Paris, 1905a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1905a; Cardot, 1908a, 1913a; Cardot and Brotherus, 1923; Kühnemann, 1938).

Drummondia

D. obtusifolia C. Muell. (Mueller, 1849).

Syn. *Leiotheca obtusifolia* (C. Muell.) Hamp. (Hampe, 1867a).

Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Brotherus, 1925; Herzog, 1938, 1954, 1960).

Dryptodon

D. crispulus Hook. f. et Wils.

Racomitrium crispulum

D. donnianus (Sm.) Hartm.

Grimmia donniana

D. rupestris Hook. f. et. Wils.

Racomitrium crispulum* var. *rupestre

D. trichophyllus (Grev.) Brid.

Grimmia trichophylla

Dusenienia nom. illeg.

D. coronata (Mont.) C. Muell.

Forsstroemia coronata

Duseniella

D. genuflexa (C. Muell.) Broth.

Ancistrodes genuflexa

Ectropothecium

E. berberidis Dus.

Rhaphidorrhynchium berberidis

E. cygnisetum C. Muell.

Ptychomnion cygnisetum

E. pallido-nitidum (C. Muell.) Par.

Rhaphidorrhynchium pallido-nitidum

E. rutilans (Brid.) Mitt.

Vesicularia vesicularis

E. spirifolium Dus.

Vesiculariopsis spirifolium

E. sublimatum (Lor.) Par.

Hypnum chrysogaster

Encalypta

E. armata Broth. ex Dus. (Brotherus ex Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Brotherus, 1924a; Kühnemann, 1938).

E. asperifolia Mitt. (Mitten, 1869).

Syn. *Encalypta emersa* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

E. australis Mitt.

Encalypta vulgaris

E. austrociliata Broth. ex Dus. (Brotherus ex Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1957).

E. berthoana Thér. (Thériot, 1923b).

Distr. Southern South America (Thériot, 1923b; Brotherus, 1925).

E. crispata Hedw.

Ptychomitrium crispatum

E. emersa C. Muell.

Encalypta asperifolia

E. obtusata Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

E. patagonica Broth. (Brotherus *in* Dusén, 1905b).

Distr. Southern South America (Dusén, 1903a (as *Eucalypta*), 1905b, 1906; Paris, 1904b; Cardot, 1905a, 1908a; Brotherus, 1924a; Kühnemann, 1938).
Antarctic, peninsula region (Newton, 1974c).

E. procera Bruch (Bruch, 1832).

Distr. South Georgia (Newton, 1974c).
Antarctic, peninsula region (Newton, 1974c).

E. vulgaris Hedw. (Hedwig, 1801).

Syn. *Encalypta australis* Mitt. (Mitten *in* Wilson, 1859).
Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1904b).

Entodon**E. argentinicus** C. Muell.**Erythrodonium argentinicum****E. beyrichii** (Schwaegr.) C. Muell. (Mueller, 1844b [1845]).

Syn. *Neckera beyrichii* Schwaegr. (Schwaegrichen, 1827a).
Distr. Southern South America (Hosseus, 1940; Herzog, 1952a).

E. flavo-virens C. Muell. (Mueller, 1879a).

Syn. *Cylindrothecium flavo-virens* (C. Muell.) Par. (Paris, 1894).
Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Brotherus, 1925; Kühnemann, 1938).

var. flagellaceus C. Muell. (Mueller, 1879a).

Syn. *Cylindrothecium flavo-virens* (C. Muell.) Par. *var. flagellaceum* (C. Muell.) Par. (Paris, 1894).
Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

E. laxo-alaris (C. Muell.) Broth. *ex* Par. (Brotherus *ex* Paris, 1909).

Syn. *Aptychus laxo-alaris* C. Muell. (Mueller, 1897a).
Rhaphidostegium laxo-alare (C. Muell.) Par. (Paris, 1897).
Distr. Southern South America (Mueller, 1897a; Paris, 1897, 1905b).

E. micans Herz. (Herzog, 1916a).

Distr. Southern South America (Hosseus, 1940).

E. platygyrioides C. Muell.**Erythrodonium platygyrioides****E. schreberi** (Brid.) Moenk.**Pleurozium schreberi****E. suberythropus** C. Muell. (Mueller, 1879a).

Syn. *Cylindrothecium suberythropus* (C. Muell.) Par. (Paris, 1894).
Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kurtz, 1904; Brotherus, 1918, 1925; Hosseus, 1938b, c, d; Kühnemann, 1938; Herzog, 1952a).

var. complanatulus C. Muell. (Mueller, 1879a).

Syn. *Cylindrothecium suberythropus* (C. Muell.) Par. *var. complanatulum* (C. Muell.) Par. (Paris, 1894).
Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

var. ellipticus C. Muell. (Mueller, 1879a).

Syn. *Cylindrothecium suberythropus* (C. Muell.) Par. *var. ellipticum* (C. Muell.) Par. (Paris, 1894).
Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Hosseus, 1935a, b, 1937, 1938b; Kühnemann, 1938).

var. flaccidus C. Muell. (Mueller, 1879a).

Syn. Cyllindrothecium suberythropus (C. Muell.) Par. var. *flaccidum* (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

var. gracillimus C. Muell. (Mueller, 1879a).

Syn. Cyllindrothecium suberythropus (C. Muell.) Par. var. *gracillimum* (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

var. lutescens C. Muell. (Mueller, 1879a).

Syn. Cyllindrothecium suberythropus (C. Muell.) Par. var. *lutescens* (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

var. microtheca C. Muell. (Mueller, 1879a).

Syn. Cyllindrothecium suberythropus (C. Muell.) Par. var. *microtheca* (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Hosseus, 1935a, 1937, 1938d; Kühnemann, 1938).

var. myosuroides C. Muell. (Mueller, 1879a).

Syn. Cyllindrothecium suberythropus (C. Muell.) Par. var. *myosuroides* (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

var. rufulus C. Muell. (Mueller, 1879a).

Syn. Cyllindrothecium suberythropus (C. Muell.) Par. var. *rufulum* (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879a; Paris, 1894, 1904b; Kühnemann, 1938).

E. truncatus (C. Muell.) Mitt. (Mitten, 1869).

Syn. Neckera truncata C. Muell. (Mueller, 1850).

Cyllindrothecium truncatum (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1850; Mitten, 1869; Jaeger, 1878; Paris, 1894, 1904b; Brotherus, 1925).

Entopogon nom. nud.

E. cylindricus C. Muell.

Eriodon conostomus

Entosthodon

E. acutifolius Hamp.

Funaria acutifolia

E. balansae Besch.

Funaria balansae

E. bonplandii (Hook.) Mitt.

Funaria bonplandii

E. brachyodus Mont.

Funaria integra

E. chiloënsis Mitt.

Funaria chiloënsis

E. clavellatus Mitt.

Funaria clavellata

E. flexisetus C. Muell.

Funaria flexiseta

E. mathewsii Hook. f. var. *integer* C. Muell.

Funaria integra

var. *integrifolius* Par.

Funaria integra

E. papillosus C. Muell.

Funaria papillosa

E. plagiothecius C. Muell.

Funaria plagiothecia

E. rhizomaticus C. Muell.

Funaria rhizomatica

Ephemerum

E. conicum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a, 1882; Roth, 1911; Kühnemann, 1938).

E. uleanum C. Muell. (Mueller, 1898c).

Distr. Southern South America (Hosseus, 1940; Herzog, 1952a).

Eremodon *nom. illeg.*

E. magellanicus (Brid.) Brid.

Tayloria magellanica

E. spathulatus Hook. f. et Wils.

Tayloria spathulata

Eriodon

E. conostomus Mont. (Montagne, 1845a).

Syn. *Hypnum conostomum* (Mont.) Mitt. (Mitten, 1869) *hom. illeg.*
Neckera eriodon C. Muell. (Mueller, 1850) *nom. illeg.*
Hookeria eriodon C. Muell. *ex Card.* (Mueller *ex* Cardot, 1908a) *err.*
Entopogon cylindricus C. Muell. (Mueller *in* Paris, 1895) *nom. nud.*

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1850; Lorentz, 1866; Mitten, 1869; Jaeger, 1878; Neger, 1899; Paris, 1904b; Cardot, 1908a; Thériot, 1918; Campo, 1921; Herzog, 1923, 1954; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Bartram, 1952; Gunckel, 1964; Seki, 1974).

Eriopus

E. apiculatus (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Syn. *Hookeria apiculata* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Pterygophyllum apiculatum (Hook. f. et Wils.) Jaeg. (Jaeger, 1877).
Distichophyllum apiculatum (Hook. f. et Wils.) Mitt. (Mitten, 1883).
Mniadelphus apiculatus (Hook. f. et Wils.) Mitt. (Mitten *in* Paris, 1896).
Mniadelphus hahnii C. Muell. (Mueller *in* Kindberg, 1889) *nom. nud. fide* Matteri, 1975a.
Mniadelphus hahnianus C. Muell. (Mueller *in* Fleischer, 1922) *nom. nud. fide* Matteri, 1975a.
Distichophyllum hahnianum Fleisch. (Fleischer, 1922) *nom. nud. fide* Matteri, 1975a.
Eriopus apiculatus (Hook. f. et Wils.) Mitt. *var. platyloma* Card. et Broth. (Cardot and Brotherus, 1923) *fide* Matteri, 1975a.

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1877; Paris, 1904b; Cardot, 1908a; Fleischer, 1922; Brotherus, 1925; Bartram, 1952; Herzog, 1954; Welch, 1969; Seki, 1974; Matteri, 1975a, b).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938; Welch, 1969; Matteri, 1975b).

var. platyloma Card. et Broth.

Eriopus apiculatus

var. spathulus Matteri (Matteri, 1975b).

Distr. Southern South America (Matteri, 1975b).

E. bescherellei Thér. (Thériot, 1925a).

Syn. *Distichophyllum molle* Besch. (Bescherelle, 1889) *nom. nud. fide* Matteri, 1975a.
Mniadelphus mollis C. Muell. (Mueller *in* Bescherelle, 1889) *nom. nud. fide* Matteri, 1975a.

Distr. Southern South America (Bescherelle, 1889; Paris, 1904b; Cardot, 1908a; Thériot, 1917b, 1925a; Costes, 1921; Brotherus, 1925; Herzog, 1954; Seki, 1974; Matteri, 1975a, b).

E. cristatus (Hedw.) Brid. (Bridel, 1827b).

Syn. *Leskea cristata* Hedw. (Hedwig, 1801).
Chaetophora cristata (Hedw.) Brid. (Bridel, 1819).
Mnium cristatum (Hedw.) P. Beauv. (Palisot de Beauvois, 1822).
Hookeria cristata (Hedw.) Hook. et Grev. (Hooker and Greville, 1825a).

Hypnum cristatum Poir. (Poiret *in* Bridel, 1827*b*) *nom. nud.*
Lepidopilum cristatum (Hedw.) Hamp. (Hampe, 1865).

Distr. Southern South America (Wilson and Hooker, 1847; Welch, 1969).

E. flexicollis (Mitt.) Jaeg. (Jaeger, 1877).

Syn. *Hookeria flexicollis* Mitt. (Mitten *in* Hooker, 1867).

Distr. Southern South America (Cardot and Brotherus, 1923; Welch, 1969; Seki, 1974).

E. grandiretis Broth. (Brotherus, 1924*b*).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Bartram, 1959; Welch, 1969; Matteri, 1975*b*).

E. leptoloma Broth. (Brotherus, 1924*b*).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Welch, 1969; Matteri, 1975*b*).

E. odontoloma Dus. ex Matteri (Matteri, 1975*b*).

Distr. Southern South America (Dusén, 1903*a*; Paris, 1904*b*; Seki, 1974; Matteri, 1975*b*).

Erpodium

E. balansae C. Muell.

Erpodium glaziouii

E. beccarii C. Muell. ex Vent. (Mueller ex Venturi, 1872).

Syn. *Erpodium lorentzianum* C. Muell. (Mueller, 1879*a*) *fide* Crum, 1972.
Erpodium lorentzii C. Muell. ex Kindb. (Mueller ex Kindberg, 1888) *nom. illeg.*
Erpodium paraguense Besch. (Bescherelle, 1877) *fide* Crum, 1972.

Distr. Southern South America (Mueller, 1879*a*; Jaeger and Sauerbeck, 1879*b*; Paris, 1904*b*;
 Brotherus, 1918, 1925; Kühnemann, 1938; Herzog, 1952*a*; Crum, 1972).

E. chlorophyllosum C. Muell.

Erpodium coronatum

E. coronatum (Hook. et Wils.) Mitt. (Mitten, 1869).

Syn. *Anictangium coronatum* Hook. et Wils. (Hooker, W. J. and Wilson, 1844).
Erpodium chlorophyllosum C. Muell. (Mueller, 1879*a*) *fide* Crum, 1972.

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1925; Kühnemann, 1938; Crum, 1972).

E. glaziouii Hamp. (Hampe, 1872).

Syn. *Erpodium balansae* C. Muell. (Mueller, 1887*b*) *fide* Crum, 1972.

Distr. Southern South America (Brotherus, 1925; Kühnemann, 1938; Hosseus, 1940; Herzog, 1952*a*).

E. lorentzinum C. Muell.

Erpodium beccarii

E. lorentzii C. Muell. ex Kindb.

Erpodium beccarii

E. paraguense Besch.

Erpodium beccarii

Erythrodonium

E. argentinicum (C. Muell.) Par. (Paris, 1904*b*).

Syn. *Entodon argentinicus* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1918, 1925;
 Kühnemann, 1938).

E. bicolor (Aongstr.) Broth.

Erythrodonium squarrosus

E. platygyrioides (C. Muell.) Fleisch. (Fleischer, 1922).

Syn. *Entodon platygyrioides* C. Muell. (Mueller, 1879*a*).
Cylindrothecium platygyrioides (C. Muell.) Par. (Paris, 1894).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1894, 1904*b*; Fleischer, 1922;
 Brotherus, 1925; Kühnemann, 1938).

E. squarrosus (Hamp.) Par. (Paris, 1904b).

Syn. *Leptohymerium squarrosus* Hamp. (Hampe, 1862b).
Erythrodontium bicolor (Aongstr.) Broth. (Brotherus *in* Ule, 1899).
Pterigynandrum bicolor Lindb. ex Aongstr. (Lindberg ex Ångström, 1876a).

Distr. Southern South America (Krieger, 1904; Hosseus, 1940; Herzog, 1952a).

Erythrophyllopsis

E. boliviana Broth.

Erythrophyllopsis fuscula

E. fuscula (C. Muell.) Hilp. (Hilpert, 1933).

Syn. *Barbula fuscula* C. Muell. (Mueller, 1879a).
Erythrophyllopsis boliviana Broth. (Brotherus *in* Herzog, 1916a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hilpert, 1933; Hosseus, 1935b, 1937; Kühnemann, 1938; Bartram, 1965).

Eucamptodon

E. perichaetialis (Mont.) Mont. (Montagne, 1845a).

Syn. *Weisia perichaetialis* Mont. (Montagne, 1845a).

Distr. Juan Fernandez (Brotherus, 1924b; Robinson, 1975).
 Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Mitten, 1869; Jaeger, 1872; Paris, 1904b; Dusén, 1905c; Cardot, 1908a; Herzog, 1923, 1938; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

Eucatagonium *nom. illeg.*

E. politum (Hook. f. et Wils.) Broth.

Catagonium politum

var. filescens (Card. et Broth.) Herz.

Catagonium politum* *var. filescens

Eucladium

E. calcareum (Nees et Hornsch.) C. Jens.

Gymnostomum aeruginosum

E. recurvirostre (Hedw.) C. Jens.

Hymenostylium recurvirostre

E. verticillatum (Brid.) B.S.G. (Bruch and others, 1846).

Syn. *Weisia verticillata* Brid. (Bridel, 1801a).

Distr. Southern South America (Roivainen, 1934).

Euglossophyllum *nom. inval.*

E. brevipes (C. Muell.) Hamp.

Stereophyllum brevipes

Eugrimmia *nom. nud.*

E. trichophylla (Grev.) Hamp.

Grimmia trichophylla

Eurhynchiella

E. acanthophylla (Mont.) Fleisch. (Fleischer, 1923).

Syn. *Hypnum acanthophyllum* Mont. (Montagne, 1845a).
Rhynchostegium acanthophyllum (Mont.) Jaeg. (Jaeger, 1878) *nom. inval.*
Rhynchostegiella acanthophylla (Mont.) Broth. (Brotherus, 1909).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1851a; Mitten, 1869; Jaeger, 1878; Paris, 1905b; Thériot, 1915, 1918; Campo, 1921; Costes, 1921; Herzog, 1923, 1938, 1939, 1954, 1957, 1960; Brotherus, 1924c, 1925; Espinosa B., 1941; Seki, 1974).

E. fuegiana (Card.) Fleish.

Oxyrrhynchium fuegianum

E. tenuinervis Herz. (Herzog, 1952a).

Distr. Southern South America (Herzog, 1952a).

Eurhynchium

E. acanthophyllum (Mont.) Dus. ex Thér.

E. confusum Thér.

E. corralense (Lor.) Jaeg.

Oxyrrhynchium corralense

Oxyrrhynchium corralense

Oxyrrhynchium corralense

E. cuestarum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b).

E. cygnisetum C. Muell.

Ptychomnion cygnisetum

E. dives C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b).

E. encalypratum Schimp.

Acrocladium auriculatum

E. eucalypratum Schimp. ex Par.

Acrocladium auriculatum

E. fuegianum Card.

Oxyrrhynchium fuegianum

E. pendulum (Brid.) Jaeg.

Helicodontium pendulum

E. pulchellum (Hedw.) Jenn. (Jennings, 1913).

Syn. *Hypnum strigosum* Hoffm. ex Web. et Mohr (Hoffman ex Weber and Mohr, 1803).

Distr. Southern South America (Mueller, 1851a).

E. remotifolium (Grev.) Jaeg.

Oxyrrhynchium clinocarpum

E. riparioides (Hedw.) Richs.

Platyhypnidium riparioides

E. rusciforme Mild.

Platyhypnidium riparioides

E. striatellum Schimp.

Rigodium toxarion

Eustichia hom. illeg.

E. longirostris (Brid.) Brid.

Diplostichum longirostre

E. lorentzii (C. Muell.) Par.

Diplostichum lorentzii

E. poeppigii Par.

Diplostichum poeppigii

Exodokidium

E. donatii Herz. (Herzog, 1937).

Distr. Southern South America (Herzog, 1937).

E. subsymmetricum (Card.) Card.

Bartramia subsymmetrica

Fabronia

F. affinis Thér. (Thériot in Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a; Herzog, 1957).

F. andina Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Jaeger, 1878; Paris, 1904a; Felippone, 1909; Brotherus, 1925; Herter, 1933a; Herzog, 1938, 1954).

var. *jaffuelii* Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924).

F. apophysatula C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Kühnemann, 1938; Herzog, 1960).

F. argentinica C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Hosseus, 1934, 1935b, 1937, 1939; Kühnemann, 1938).

F. balansae Besch. (Bescherelle, 1891).

Syn. *Fabronia balansaeana* Besch. (Bescherelle, 1885*b*) *nom. nud.*

Distr. Southern South America (Herzog, 1952*a*).

F. balansaeana Besch.

Fabronia balansae

F. basilaris C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Fleischer, 1920; Brotherus, 1925; Kühnemann, 1938).

F. contermina Thér. (Thériot *in* Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933*a*).

F. enervis Herz. (Herzog, 1960 [1961]) *hom. illeg.*

Distr. Southern South America (Herzog, 1960).

F. felipponei Broth. (Brotherus *in* Felippone, 1917).

Distr. Southern South America (Felippone, 1917; Brotherus, 1925; Herter, 1933*a*, 1939*a*).

F. filamentosa C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*a*; Brotherus, 1925; Kühnemann, 1938).

F. imbricata Hamp. (Hampe, 1878).

Distr. Southern South America (Thériot, 1936; Hosseus, 1938*a*, *d*, 1939; Herter, 1939*b*).

F. latidens Dub. (Duby, 1870).

Distr. Southern South America (Duby, 1870; Jaeger, 1878; Paris, 1904*a*; Brotherus, 1925; Herzog, 1960).

F. latifolia C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*; Herter, 1933*a*; Hosseus, 1934, 1939; Kühnemann, 1938).

F. longidens Dub.

Dimerodontium pellucidum

F. lorentziae C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*; Brotherus, 1925; Hosseus, 1934; Kühnemann, 1938; Herzog, 1954).

F. lorentzii C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Kurtz, 1904; Paris, 1904*b*; Fleischer, 1920; Brotherus, 1925; Williams, 1930; Hosseus, 1935*a*, *b*, 1937; Kühnemann, 1938).

F. minutissima Dub. (Duby, 1880*a*).

Distr. Southern South America (Duby, 1880*a*, *b*; Paris, 1904*b*; Brotherus, 1925).

F. obtusatula C. Muell. (Mueller, 1897*a*).

Syn. *Helicondontium obtusatulum* (C. Muell.) Fleisch. (Fleischer, 1920).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*; Fleischer, 1920; Brotherus, 1925; Herter, 1933*a*; Hosseus, 1934, 1939; Kühnemann, 1938).

F. palmicola C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1925; Herter, 1933*a*, 1939*b*; Hosseus, 1934, 1939; Kühnemann, 1938).

F. physcomitriocarpa C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1925; Kühnemann, 1938).

F. podocarp C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1925; Kühnemann, 1938).

F. polycarpa Hook. (Hooker, 1818).

Distr. Southern South America (Mueller, 1869; Gibert, 1873; Paris, 1904b; Herter, 1928, 1933a; Herzog, 1952a).

F. spegazzinii C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1925; Hosseus, 1938c, d; Kühnemann, 1938).

F. tucumanensis C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Hosseus, 1934, 1939; Kühnemann, 1938).

F. uruguensis C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1925; Herter, 1933a; Hosseus, 1934, 1939; Kühnemann, 1938).

Fabroniella

F. krausei Lor. ex C. Muell.

Juratzkaea krausei

Felipponea**F. hollermayeri** Thér. (Thériot, 1935a).

Distr. Southern South America (Thériot, 1935a).

F. montevidensis (C. Muell.) Broth. (Brotherus *in* Felippone, 1912).

Syn. *Cladomnion montevidense* C. Muell. (Mueller, 1897a).

Pterogoniadelphus montevidensis (C. Muell.) Fleisch. (Fleischer, 1917).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Felippone, 1912; Fleischer, 1917; Brotherus, 1925; Herter, 1933a, 1939b).

Fissidens

F. acacioides Schrad.

Fissidens osmundoides

F. adianthoides Hedw. (Hedwig, 1801).

Syn. *Hypnum adianthoides* (Hedw.) L. ex With. (Linnaeus ex Withering, 1801).

Dicranum adianthoides (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Skitophyllum adianthoides (Hedw.) Pyl. (De la Pylaie, 1814 [1815]).

Dicranodon adianthoides (Hedw.) Béhéré (Béhéré, 1826).

Schistophyllum adianthoides (Hedw.) Lindb. (Lindberg, 1879).

Fissidens taxifolius Hedw. var. *adianthoides* (Hedw.) Wahlenb. ex Hueb. (Hübener, 1833) *nom. inval.*

Distr. Southern South America (Dusén, 1906; Cardot, 1908a).

F. anacamptodes Besch.

Fissidens hauthalii* var. *obtusatulus

F. angustelimbatus Mitt. (Mitten, 1869).

Distr. Southern South America (Gibert, 1873; Herter, 1928, 1933a).

F. asplenioides Hedw. (Hedwig, 1801).

Syn. *Hypnum asplenioides* (Hedw.) Dicks. ex With. (Dickson ex Withering, 1801).

Dicranum asplenioides (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Skitophyllum asplenioides (Hedw.) Pyl. (De la Pylaie, 1814 [1815]).

Schistophyllum asplenioides (Hedw.) Brid. (Bridel, 1827b) *nom. inval.*

Fissidens pycnotylus Broth. (Brotherus, 1924b) *fide* Robinson, 1975.

Distr. Juan Fernandez (Mitten, 1869, 1885; Johow, 1896; Paris, 1904b; Brotherus, 1924b, 1925; Robinson, 1975).

Southern South America (Hosseus, 1938c, d, 1939, 1940; Herzog, 1938, 1939, 1954; Bartram, 1952, 1965).

var. *australis* Card. (Cardot in Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

F. atratus (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Conomitrium atratum* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1901, 1924a; Kühnemann, 1938).

F. berterii (Mont.) C. Muell.

Fissidens fontanus

F. brachyloma Card. (Cardot in Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

F. brevipes Besch. (Bescherelle, 1891).

Distr. Southern South America (Herzog, 1952a).

F. brotheri Dus.

Fissidens brotherianus

F. brotherianus Par. (Paris in Thériot, 1921a).

Syn. *Fissidens brotheri* Dus. (Dusén, 1906) *hom. illeg.*
Fissidens valdiviensis Herz. (Herzog, 1923).

Distr. Southern South America (Dusén, 1906; Costes, 1921; Thériot, 1921a, 1924, 1930; Herzog, 1923, 1938, 1954; Brotherus, 1924a; Bartram, 1952).

var. *longisetus* Thér. (Thériot, 1921a).

Distr. Southern South America (Costes, 1921; Thériot, 1921a).

F. bryoides Hedw. (Hedwig, 1801).

Syn. *Hypnum bryoides* (Hedw.) L. ex With. (Linnaeus ex Withering, 1801).

Dicranum bryoides (Hedw.) Sw. (Swartz, 1801).

Skitophyllum bryoides (Hedw.) Pyl. (De la Pylaie, 1814 [1815]).

Dicranodon bryoides (Hedw.) Béhéré (Béhéré, 1826).

Schistophyllum bryoides (Hedw.) Lindb. (Lindberg, 1879).

Fissidens viridulus (Sw.) Wahlenb. var. *bryoides* (Hedw.) Roehl. (Röhling, 1813) *nom. illeg.*

Distr. Juan Fernandez (Montagne, 1835).

Southern South America (Montagne, 1850).

ssp. *incurvus* (Roehl.) Bertsch (Bertsch, 1949).

Syn. *F. incurvus* Stark ex Roehl. (Röhling, 1813).

Distr. Southern South America (Montagne, 1850).

var. *osmundoides* (Hedw.) Mathieu

Fissidens osmundoides

F. campylopus Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Mitten, 1869; Jaeger, 1876; Paris, 1904b; Dusén, 1906; Brotherus, 1924a).

F. chilensis Dus. (Dusén, 1906).

Distr. Southern South America (Paris, 1904b; Dusén, 1906; Thériot, 1921a; Brotherus, 1924a; Herzog, 1938, 1954).

F. colonialis C. Muell.

Fissidens hauthallii* var. *minor

F. compactus Mitt. (Mitten in Gibert, 1873) *nom. nud.*

Distr. Southern South America (Gibert, 1873; Herter, 1928, 1933a).

F. costesii Thér. (Thériot, 1921a).

Distr. Southern South America (Costes, 1921; Thériot, 1921a; Brotherus, 1924a).

F. crassicuspis Broth. (brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Robinson, 1975).

F. crispus Mont. (Montagne, 1838).

Distr. Southern South America (Montagne, 1838, 1856; Jaeger, 1876; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. curvinervis Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

F. decursivus C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

F. dietrichiae C. Muell.***Fissidens fontanus*****F. dillenii** (Pyl.) Hamp.***Fissidens fontanus*****F. distichellus** Besch. (Bescherelle, 1891).

Distr. Southern South America (Bescherelle, 1891; Paris, 1904b; Brotherus, 1924a; Herter, 1933a).

F. diversiformis Broth. (Brotherus, 1924c).

Distr. Southern South America (Brotherus, 1924c, 1925; Espinosa B., 1941; Skottsberg, 1950).

F. echinellus Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954).

F. felipponei Broth. (Brotherus *in* Felippone, 1909).

Distr. Southern South America (Felippone, 1909; Brotherus, 1924a; Herter, 1933a, 1939a, 1943).

F. fernandezianus Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

F. fernandezianus Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Bartram, 1959; Robinson, 1975).

F. fontanus (Pyl.) Steud. (Steudel, 1824).

Syn. *Skitophyllum fontanum* Pyl. (De la Pylaie, 1814 [1815]).

Octodiceras fontanum (Pyl.) Lindb. (Lindberg, 1863).

Skitophyllum dillenii Pyl. (De la Pylaie, 1814 [1815]).

Octodiceras dillenii (Pyl.) Brid. (Bridel, 1827b).

Conomitrium dillenii (Pyl.) Mont. (Montagne, 1837).

Fissidens dillenii (Pyl.) Hamp. (Hampe, 1839).

Fontinalis juliana Savi ex Cand. (Savi ex de Candolle, 1815).

Skitophyllum julianum (Cand.) Brid. (Bridel, 1827b) *nom. inval.*

Octodiceras julianum (Cand.) Brid. (Bridel, 1827b).

Conomitrium julianum (Cand.) Mont. (Montagne, 1837).

Fissidens julianus (Cand.) Schimp. (Schimper, 1838).

Schistophyllum julianum (Cand.) Lindb. (Lindberg, 1879).

Conomitrium berterii Mont. (Montagne, 1837).

Fissidens berterii (Mont.) C. Muell. (Mueller, 1848a).

Octodiceras berterii (Mont.) Jaeger. (Jaeger, 1876).

Conomitrium berteroi Mont. ex Kindb. (Montagne ex Kindberg, 1888) *err.*

Fissidens dietrichae C. Muell. (Mueller, 1872).

Fissidens parvus Mitt. (Mitten, 1869) *hom. illeg.*

Distr. Southern South America (De la Pylaie, 1814; Bridel, 1827b; Montagne, 1837, 1839c, 1850, 1856; Schwaegrichen, 1842; Mueller, 1848a; Mitten, 1869; Jaeger, 1876; Paris, 1904a; Dusén, 1906; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954).

F. fossicola C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).

F. geheebii C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).

F. glossophyllus C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1924*a*; Hosseus, 1937; Kühnemann, 1938).

var. brevifolius C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Hosseus, 1935*a*; Kühnemann, 1938).

F. hauthalii C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*; Felippone, 1912; Brotherus, 1924*a*; Herter, 1933*a*; Kühnemann, 1938).

var. angustissimus C. Muell. (Mueller, 1897*a*).

Syn. *Fissidens stoloniferus* C. Muell. (Mueller, 1897*a*) *nom. nud.*

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*; Brotherus, 1924*a*; Herter, 1933*a* (as *F. stolonifer* C. Muell.).

var. gracillimus C. Muell. (Mueller, 1897*a*).

Syn. *Fissidens semilaminatus* C. Muell. (Mueller, 1897*a*) *nom. nud.*
Fissidens semi-lamellosus C. Muell. (Mueller, 1897*a*) *nom. nud.*

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*).

var. minor C. Muell. (Mueller, 1897*a*).

Syn. *Fissidens colonialis* C. Muell. (Mueller, 1897*a*) *nom. nud.*

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*).

var. obtusatus C. Muell. (Mueller, 1897*a*).

Syn. *Fissidens anacamptodes* Besch. (Bescherelle *in* Mueller, 1897*a*) *nom. nud.*

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*).

F. hedwigii C. Muell.

Fissidens semicompletus

F. hornschuchii Mont. (Montagne, 1840*a*).

Distr. Southern South America (Montagne, 1850).

F. inclinatus C. Muell.

Fissidens platensis

F. incompletus Hedw. ex Dix.

Fissidens semicompletus

F. incurvus Stark ex Roehl.

Fissidens bryoides* ssp. *incurvus

F. indistinctus C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).

var. major C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1904*b*).

F. jaffueli Thér. (Thériot *in* Costes, 1921) *nom. nud.*

Distr. Southern South America (Costes, 1921).

F. jujuiensis Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924*a*; Kühnemann, 1938).

F. julaceus (Hedw.) Lindb.

Leucodon julaceus

F. julianus (Cand.) Schimp.

Fissidens fontanus

F. jungermanniopsis C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1900a, 1904b; Kurtz, 1904; Brotherus, 1924a; Hosseus, 1937; Kühnemann, 1938).

F. lechleri Hamp. ex C. Muell.

Fissidens rigidulus

F. leptocaulis C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Felippone, 1912; Brotherus, 1924a; Herter, 1933a).

F. leptochaete Dus. (Dusén, 1906).

Distr. Juan Fernandez (Brotherus, 1924b; Robinson, 1975).
Southern South America (Dusén, 1906; Brotherus, 1924a).

F. leucodictyus C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. lonchothecius C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Hosseus, 1938a, d, 1939; Kühnemann, 1938).

F. lorentziae (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Conomitrium lorentziae* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1901, 1924a; Felippone, 1928; Herter, 1933a; Hosseus, 1936, 1937, 1938c, d, 1939; Kühnemann, 1938).

F. macro-bryoides C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. maschalanthus Mont. (Montagne, 1845a).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Lorentz, 1866; Mitten, 1869; Jaeger, 1876; Paris, 1904b; Dusén, 1906; Cardot, 1908a; Campo, 1921; Thériot, 1921a; Brotherus, 1924a; Reimers, 1926; Herzog, 1938, 1939, 1954, 1960; Kühnemann, 1938; Seki, 1974).

var. *minor* Dus. ex Thér. (Dusén ex Thériot, 1918).

Distr. Juan Fernandez (Skottsberg, 1914).
Southern South America (Paris, 1906; Thériot, 1918; Campo, 1921).

F. mollis (C. Muell.) Broth.

Fissidens permollis

F. nigrtellus (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Conomitrium nigrtellum* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Brotherus, 1901, 1924a; Paris, 1904a; Kühnemann, 1938).

F. obliquifolius C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. odontoloma C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. oeditrachelos C. Muell.

Fissidens vitreo-limbatus

F. ornaticostatus Robins. (Robinson, 1974).

Distr. Juan Fernandez (Robinson, 1974, 1975).

F. osmundoides Hedw. (Hedwig, 1801).

Syn. *Dicranum osmundoides* (Hedw.) Turn. (Turner, 1804a).
Skitophyllum osmundoides (Hedw.) Pyl. (De la Pylaie, 1814 [1815]).
Conomitrium osmundoides (Hedw.) C. Muell. (Mueller, 1851a).
Schistophyllum osmundoides (Hedw.) Lindb. (Lindberg, 1879).
Fissidens bryoides Hedw. var. *osmundoides* (Hedw.) Mathieu (Mathieu, 1853).
Fissidens osmundoides Hedw. var. *microcarpus* B.S.G. (Bruch and others, 1843).
Schistophyllum osmundoides (Hedw.) Lindb. var. *microcarpum* (B.S.G.) Kindb.
 (Kindberg, 1883).
Fissidens acacioides Schrad. (Schrader, 1803b).
Hypnum acacioides (Schrad.) L. ex Turn. (Linnaeus ex Turner, 1804b).
Skitophyllum acacioides (Schrad.) Pyl. (De la Pylaie, 1814 [1815]).
Schistophyllum acacioides (Schrad.) Lindb. (Lindberg, 1883).

Distr. Southern South America (Bridel, 1803, 1806, 1827b; Mueller, 1848a, 1851a; Jaeger, 1876; Lindberg, 1883; Paris, 1904b).

var. *microcarpus* B.S.G.

Fissidens osmundoides

F. pachylomatos C. Muell.

Fissidens vitreo-limbatus

F. pachylomulus C. Muell.

Fissidens vitreo-limbatus

F. palmatus Hedw. (Hedwig, 1801).

Distr. Southern South America (Montagne, 1850).

F. parvus Mitt.

Fissidens fontanus

F. permollis Thér. (Thériot, 1931b [1932]).

Syn. *Conomitrium molle* C. Muell. (Mueller, 1879a).
Fissidens mollis (C. Muell.) Broth. (Brotherus, 1900) *hom. illeg.*

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Herter, 1933a, 1939b; Kühnemann, 1938).

F. plagiothecioides C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. platensis Par. (Paris, 1900a).

Syn. *Fissidens inclinatus* C. Muell. (Mueller, 1897a) *hom. illeg.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. prionocheilos C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. pulvinatus Timm ex Hedw.

Grimmia pulvinata

F. pycnoglossus C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1937; Kühnemann, 1938).

F. pycnotylus Broth.

Fissidens asplenioides

F. repandus Wils. (Wilson in Mitten, 1851).

Distr. Southern South America (Gibert, 1873; Herter, 1928, 1933a; Bartram, 1965).

F. rigidulus Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Syn. *Fissidens lechleri* Hamp. ex C. Muell. (Hampe ex Mueller, 1864).

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).
Southern South America (Lechler, 1857; Mueller, 1864; Mitten, 1869; Jaeger, 1876; Neger, 1899; Paris, 1904b; Dusén, 1906; Cardot, 1908a; Campo, 1921; Thériot, 1921a, 1925a; Brotherus, 1924a; Reimers, 1926; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1939, 1954; Espinosa B., 1941; Seki, 1974).

***F. scalaris* Mitt. (Mitten, 1869).**

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1876; Paris, 1904b; Campo, 1921; Thériot, 1921a; Brotherus, 1924c; Herter, 1928, 1933a; Herzog, 1938, 1954, 1960; Kühnemann, 1938; Espinosa B., 1941; Bartram, 1952).

***F. semicompletus* Hedw. (Hedwig, 1801).**

Syn. *Cecalyphum semi-completum* (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).
Dicranum semicompletum (Hedw.) Mohr (Mohr, 1806).
Skitophyllum semi-completum (Hedw.) Pyl. (De la Pylaie, 1814 [1815]).
Schistophyllum semicompletum (Hedw.) Lindb. (Lindberg, 1883).
Fissidens incompletus Hedw. ex Dix. (Dixon, 1933 [1934]) *err.*
Conomitrium hedwigii Mont. (Montagne, 1837) *nom. illeg.*
Fissidens hedwigii C. Muell. (Mueller, 1848a) *nom. illeg.*
Octodiceras hedwigii Lindb. (Lindberg, 1863) *nom. illeg.*
Octodiceras fissidentoides Brid. (Bridel, 1827b) *nom. illeg.*

Distr. Southern South America (Hedwig, 1801; Bridel, 1803, 1806; Schwaegrichen, 1816, 1842; Montagne, 1837, 1850; Mueller, 1848a; Mitten, 1869; Jaeger, 1876; Paris, 1904a; Brotherus, 1924a).

F. semi-lamellosus C. Muell.

Fissidens hauthalii* var. *gracillimus

F. semilaminatus C. Muell.

Fissidens hauthalii* var. *gracillimus

***F. smaragdinus* (Lor. et C. Muell.) Broth. (Brotherus, 1901).**

Syn. *Conomitrium smaragdinum* Lor. et C. Muell. (Lorentz and Mueller *in* Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1901, 1924a; Kurtz, 1904; Paris, 1904a; Hosseus, 1935b, 1937; Kühnemann, 1938; Bruggeman-Nannenga, 1973).

***F. stolonaceus* C. Muell. (Mueller, 1879a).**

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

F. stoloniferus C. Muell.

Fissidens hauthalii* var. *angustissimus

***F. subaloma* Dus. (Dusén, 1906).**

Distr. Southern South America (Paris, 1904b; Dusén, 1906; Costes, 1921; Thériot, 1921a, 1924; Brotherus, 1924a, c; Espinosa B., 1941).

F. synoicus C. Muell. (Mueller, 1879a) *hom. illeg.*

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

***F. taxifolius* Hedw. (Hedwig, 1801).**

Syn. *Hypnum taxifolium* (Hedw.) L. ex With. (Linnaeus ex Withering, 1801).

Dicranum taxifolium (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Skitophyllum taxifolium (Hedw.) Pyl. (De la Pylaie, 1814 [1815]).

Schistophyllum taxifolium (Hedw.) Lindb. (Lindberg, 1879).

Distr. Southern South America (Brotherus, 1924c; Espinosa B., 1941).

var. *adanthoides* (Hedw.) Wahlenb. ex Hueb.

Fissidens adanthoides

***F. tener* Dus. (Dusén, 1906).**

Distr. Southern South America (Dusén, 1906).

***F. terebrifolius* C. Muell. (Mueller, 1897a).**

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904a; Brotherus, 1924a; Kühnemann, 1938).

F. valdiviensis Herz.

Fissidens brotherianus

F. ventanae C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. viridulus (Sw.) Wahlenb. var. *bryoides* (Hedw.) Roehl.

Fissidens bryoides

F. vitreo-limbatus C. Muell. (Mueller, 1897a).

Syn. *Fissidens oeditrachelos* C. Muell. (Mueller, 1897a) *nom. nud.*
Fissidens pachylomatos C. Muell. (Mueller in Paris, 1900a) *nom. nud.*
Fissidens pachylomulus C. Muell. (Mueller, 1897a) *nom. nud.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Felippone, 1917; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938).

Floribundaria

F. cardotii (Broth.) Broth. (Brotherus, 1906b).

Syn. *Papillaria cardotii* Broth. (Brotherus, 1895).

Distr. Southern South America (Herzog, 1952a).

F. usneoides (Broth.) Broth. (Brotherus, 1906b).

Syn. *Papillaria usneoides* Broth. (Brotherus, 1893).

Distr. Southern South America (Hosseus, 1940).

Florschuetzia hom. illeg.

F. pilmaiquen Crosby

Muscoflorschuetzia pilmaiquen

Fontinalis

F. juliana (Savi) Savi ex Cand.

Fissidens fontanus

Forsstroemia

F. coronata (Mont.) Par. (Paris, 1895).

Syn. *Leptodon coronatus* Mont. (Montagne, 1838).
Neckera coronata (Mont.) C. Muell. (Mueller, 1850).
Leucodon coronatus (Mont.) Mitt. (Mitten, 1869).
Lasia coronata (Mont.) C. Muell. (Mueller, 1879a).
Dusenja coronata (Mont.) C. Muell. (Mueller in Fleischer, 1917) *nom. inval.*

Distr. Southern South America (Montagne, 1838, 1839c; Mueller, 1850, 1879a, 1882; Mitten, 1869; Jaeger, 1877; Felippone, 1917; Brotherus, 1918; Herter, 1933a; Kühnemann, 1938; Herzog, 1952a).

F. felipponei Thér. (Thériot in Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

F. subcoronata (Besch.) Par. (Paris, 1895).

Syn. *Lasia subcoronata* Besch. (Bescherelle, 1877).

Distr. Southern South America (Herzog, 1952a).

Funaria

F. acutifolia (Hamp.) Broth. (Brotherus, 1903).

Syn. *Entosthodon acutifolius* Hamp. (Hampe in Mueller, 1859).

Distr. Southern South America (Thériot, 1927a).

F. aristatula C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

F. balansae (Besch.) Broth. (Brotherus, 1900).

Syn. *Entosthodon balansae* Besch. (Bescherelle, 1877).

Distr. Southern South America (Herter, 1933a, 1939a; Herzog, 1939).

F. berteriana Hamp. ex C. Muell. (Hampe ex Mueller, 1862).

Syn. *Funaria fontanesii* B.S.G. *non* Schwaegr. (Bruch and others, 1841) *pro parte fide* Paris, 1904b.

Funaria berteroi Hamp. ex Kindb. (Hampe ex Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Mueller, 1844b, 1851a, 1862; Jaeger, 1874; Paris, 1904b; Costes, 1921; Herzog, 1923; Brotherus, 1924a; Thériot, 1927a).

var. inclinata Thér. (Thériot, 1927a).

Distr. Southern South America (Thériot, 1927a).

F. berteroi Hamp. ex Kindb.

Funaria berteriana

F. bonplandii (Hook.) Broth. (Brotherus, 1903).

Syn. *Gymnostomum bonplandii* Hook. (Hooker, 1816).

Physcomitrium bonplandii (Hook.) De Not. (De Notaris, 1838b).

Entosthodon bonplandii (Hook.) Mitt. (Mitten, 1869).

Amphoritheca bonplandii (Hook.) Jaeg. (Jaeger, 1874).

Distr. Southern South America (Mueller, 1844b, 1848a; Montagne, 1850; Jaeger, 1874; Brotherus, 1903, 1924a; Paris, 1904b; Thériot, 1927a).

F. calvescens Schwaegr.

Funaria hygrometrica* var. *calvescens

var. *crispa* C. Muell.

Funaria hygrometrica* var. *crispa

F. cavifolia Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923).

F. chilensis (Thér.) Thér. (Thériot, 1926).

Syn. *Funaria clavellata* (Mitt.) Broth. var. *chilensis* Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924, 1926, 1927a).

F. chiloënsis (Mitt.) Broth. (Brotherus, 1903).

Syn. *Entosthodon chiloënsis* Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Jaeger, 1874; Brotherus, 1903, 1924a; Krieger, 1904; Paris, 1904b; Thériot, 1927a).

F. clavellata (Mitt.) Broth. (Brotherus, 1903).

Syn. *Entosthodon clavellatus* Mitt. (Mitten, 1869).

Amphoritheca clavellata (Mitt.) Jaeg. (Jaeger, 1874).

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1874; Brotherus, 1903, 1924a; Paris, 1904b; Felippone, 1909; Herter, 1928, 1933a).

var. *chilensis* Thér.

Funaria chilensis

F. commixta Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926, 1927a; Herzog, 1954).

F. costesii Thér. (Thériot, 1921a).

Distr. Southern South America (Thériot, 1921a, 1927a; Costes, 1921; Brotherus, 1924a).

F. erectiuscula Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Jaeger, 1874; Paris, 1904b; Brotherus, 1924a; Thériot, 1927a).

F. flexisetata (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Entosthodon flexisetatus* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1903, 1924a; Paris, 1904b; Kühnemann, 1938).

F. fontanesii B.S.G. *non* Schwaegr.

see *Funaria berteriana* and *F. integra*

F. fuegiana C. Muell.

Funaria hygrometrica var. *fuegiana*

F. hosseusii Bartr. (Bartram, 1936).

Distr. Southern South America (Bartram, 1936; Hosseus, 1938c, d, 1939).

F. hygrometrica Hedw. (Hedwig, 1801).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Skottsberg, 1914; Brotherus, 1924b; Espinosa B., 1941; Robinson, 1975).

Southern South America (Schwaegrichen, 1816; Montagne, 1850; Lorentz, 1866; Ångström, 1872; Gibert, 1873; Bescherelle, 1889; Dusén, 1903a; Cardot, 1905a, 1908a; Felippone, 1912; Williams, 1915, 1930; Thériot, 1915, 1917b, 1918, 1921a, 1927a; Campo, 1921; Costes, 1921; Cardot and Brotherus, 1923; Brotherus, 1924c; Espinosa B., 1924, 1941; Reimers, 1926; Herter, 1928, 1933a, 1939a, b; Roivainen, 1934; Hosseus, 1938c, d; Kühnemann, 1938; Herzog, 1939, 1940, 1954, 1957; Bartram, 1952; Bizot and Piovano, 1953; Piovano, 1954; Seki, 1974).
Falkland Islands (Wilson and Hooker, 1847; Kühnemann, 1938).

var. *calvescens* (Schwaegr.) Mont. (Montagne, 1839a).

Syn. *Funaria calvescens* Schwaegr. (Schwaegrichen, 1816).

Distr. Southern South America (Montagne, 1846, 1850; Mitten, 1869; Mueller, 1879a; Krieger, 1904; Felippone, 1912; Thériot, 1927a; Herter, 1933a; Hosseus, 1938a, c, d; Kühnemann, 1938; Herzog, 1954).

var. *crispa* (C. Muell.) Par. (Paris, 1895).

Syn. *Funaria calvescens* Schwaegr. var. *crispa* C. Muell. (Mueller, 1848a).

Distr. Southern South America (Mueller, 1848a; Paris, 1895, 1904b; Thériot, 1927a).

var. *fuegiana* (C. Muell.) Besch. (Bescherelle, 1889).

Syn. *Funaria fuegiana* C. Muell. (Mueller, 1885).

Funaria magellanica C. Muell. (Mueller *in* Bescherelle, 1889) *nom. nud.*

Distr. Southern South America (Mueller, 1885; Bescherelle, 1889; Paris, 1904b; Cardot, 1908a; Brotherus, 1924a; Thériot, 1927a; Kühnemann, 1938).

F. incompleta C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. integra (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Entosthodon mathewsii* Hook. f. var. *integer* C. Muell. (Mueller, 1848a).

Entosthodon mathewsii Hook. f. var. *integrifolius* Par. (Paris, 1895) *nom. inval.*

Entosthodon brachyodus Mont. (Montagne *in* Mueller, 1851a) *nom. nud.*

Funaria fontanesii B.S.G. *non* Schwaegr. (Bruch and others, 1841) *pro parte fide* Paris, 1904b.

Distr. Southern South America (Mueller, 1844b, 1848a, 1851a; Montagne, 1850; Jaeger, 1874; Paris, 1895, 1904b; Brotherus, 1903, 1924a, c; Thériot, 1927a; Skottsberg, 1950; Herzog, 1954).

var. *serrulata* Broth. (Brotherus, 1924c).

Distr. Southern South America (Brotherus, 1924c; Espinosa B., 1941).

F. jujuiensis C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. linearidens C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. lorentzii C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).

F. magellanica C. Muell.***Funaria hygrometrica* var. *fuegiana*****F. meeseacea** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. papillosa (C. Muell.) Wijk. et Marg. (van der Wijk and Margadant, 1960a).

Syn. *Entosthodon papillosus* C. Muell. (Mueller, 1882).
Amphoritheca papillosa (C. Muell.) Kindb. (Kindberg, 1889).
Funaria tucumanica Broth. (Brotherus, 1903) *nom. illeg.*

Distr. Southern South America (Mueller, 1882; Brotherus, 1903, 1924a; Paris, 1904b; Kühnemann, 1938).

F. plagiothecia (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Entosthodon plagiothecius* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1903, 1924a; Paris, 1904b; Kühnemann, 1938).

F. porteri Thér. (Thériot, 1928 [1929]).

Distr. Southern South America (Thériot, 1928).

F. pulchricolor C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1924a; Hosseus, 1938a, d; Kühnemann, 1938).

F. pungens Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

F. rhizomatica (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Entosthodon rhizomaticus* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1903, 1924a; Paris, 1904b; Kühnemann, 1938).

F. schnyderi C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

F. suberecta Mitt. (Mitten, 1869).

Distr. Southern South America (Williams, 1915; Thériot, 1927a).

F. tenella C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1935b, 1937, 1938a, d; Kühnemann, 1938).

F. tucumanica Broth.***Funaria papillosa*****F. valdiviae** C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

Gigaspermum***G. imbricatum*** (Mitt.) Kindb.***Lorentziella imbricata******Glossophyllum* *nom. illeg.******G. brevipes*** (C. Muell.) Hamp.***Stereophyllum brevipes***

Glyphocarpa*G. laevisphaera* Tayl.**Anacolia laevisphaera**Glyphocarpus *nom. illeg.**G. cygneus* (Mont.) Jaeg.**Bartramidula cygnea***G. exiguus* (Sull.) Jaeg.**Philonotis scabrifolia***G. krausei* (C. Muell.) Jaeg.**Philonotis krausei***G. laevisphaerus* (Tayl.) Jaeg.**Anacolia laevisphaera****Glyphomitrium***G. balansae* (Besch.) Broth.**Ptychomitrium balansae***G. brevifolium* (C. Muell.) Broth.**Ptychomitrium balansae***G. cummingii* (Dub.) Broth.**Ptychomitrium fernandesianum***G. emersum* (C. Muell.) Broth.**Ptychomitrium emersum***G. fernandesianum* Mitt.**Ptychomitrium fernandesianum***G. hieronymi* (Besch.) Broth.**Ptychomitrium hieronymi***G. kurtzii* Broth. (Brotherus *in* Kurtz, 1904) *nom. nud.**Distr.* Southern South America (Kurtz, 1904; Hosseus, 1937; Kühnemann, 1938).*G. ligulatum* Mitt.**Ptychomitrium ligulatum***G. sellowianum* (C. Muell.) Mitt.**Ptychomitrium sellowianum***G. uruguense* (C. Muell.) Broth.**Ptychomitrium balansae***G. vernicosum* (C. Muell.) Broth.**Ptychomitrium vernicosum****Glyphtothecium*****G. gracile*** (Hamp.) Broth. (Brotherus *in* Fleischer, 1906 [1908]).*Syn.* *Leucodon gracilis* Hamp. (Hampe, 1844).*Cladomnion gracile* (Hamp.) Mitt. (Mitten, 1869).*Glyphtothecium gracile* (Hamp.) Broth. (Brotherus, 1905*b*).*Neckera poeppigiana* C. Muell. (Mueller, 1850).*Cladomnion poeppigianum* C. Muell. (Mueller *in* Fleischer, 1917) *nom. nud.**Leskea distans* Mont. (Montagne, 1845*a*).*Distr.* Southern South America (Hampe, 1844; Montagne, 1845*a*, 1850, 1856; Mueller, 1850; Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Neger, 1899; Paris, 1904*a*; Brotherus, 1905*a*, 1925; Fleischer, 1906, 1917; Cardot, 1908*a*; Thériot, 1915; Reimers, 1926; Herzog, 1938, 1954, 1960; Kühnemann, 1938; Bizot, 1967; Seki, 1974; Kühnemann and Gonçalves, 1975).**var. *nanum*** Herz. (Herzog, 1923).*Distr.* Southern South America (Herzog, 1923).Glyphtothecium *nom. illeg.**G. gracile* (Hamp.) Broth.**Glyphtothecium gracile****Goniobryum***G. reticulatum* Lindb.**Philonotis vagans****var. *evanidum*** Herz. (Herzog *in* Donat, 1936*a*).*Distr.* Southern South America (Donat, 1936*a*; Kühnemann, 1938).***G. subbasilare*** (Hook.) Lindb. (Lindberg, 1864*b* [1865]).*Syn.* *Hypnum subbasilare* Hook. (Hooker, 1818).*Rhizogonium subbasilare* (Hook.) Schimp. (Schimper *in* Mueller, 1847*b*).*Mnium subbasilare* (Hook.) C. Muell. (Mueller, 1848*a*).*Trachyloma subbasilare* (Hook.) Mitt. (Mitten, 1860).*Photinophyllum subbasilare* (Hook.) Mitt. (Mitten, 1868).*Webera hariotiana* Besch. (Bescherelle *in* Mueller, 1901*a* [1900]) *nom. nud.*

Distr. Southern South America (Hooker, 1818; Bridel, 1827*b*; Schwaegrichen, 1829; Wilson and Hooker, 1847; Mueller, 1848*a*, 1851*a*, 1885, 1901*a*; Mitten, 1869; Ångström, 1872; Jaeger, 1875; Bescherelle, 1889; Dusén, 1903*a*; Paris, 1904*b*; Cardot, 1908*a*, 1913*a*; Spegazzini, 1922; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).

Grimmia

G. abscondita Card. (Cardot, 1908*a*).

Distr. Southern South America (Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938).

G. alpicola sw. ex Hedw.

Schistidium alpicola

var. *maritima* (Turn.) Wahlenb.

Schistidium maritimum

var. *rivularis* (Brid.) Wahlenb.

Schistidium apocarpum

G. amblyophylla C. Muell. (Mueller, 1849).

Syn. *Schistidium amblyophyllum* (C. Muell.) Herz. (Herzog, 1960 [1961]).

Distr. Southern South America (Wilson and Hooker, 1847 (as *G. apocarpa* var. *pro parte fide* Mueller, 1849); Mueller, 1849, 1885; Mitten, 1869; Jaeger, 1874; Paris, 1904*b*; Dusén, 1907; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938; Bartram, 1952; Herzog, 1960).

G. andreaeacea C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Kühnemann, 1938).

G. antarctici Card.

Schistidium antarctici

var. *percompacta* Bartr.

Schistidium antarctici

var. *pilifera* Bartr.

Schistidium antarctici

G. apocarpa Hedw.

Schistidium apocarpum

ssp. *alpicola* (Hedw.) C. Hartm.

Schistidium alpicola

ssp. *conferta* (Funck) Boul.

Schistidium apocarpum* ssp. *confertum

var. *conferta* (Funck) Spreng.

Schistidium apocarpum* ssp. *confertum

var. *rivularis* (Brid.) Roehl.

Schistidium apocarpum

G. aquatica (Schrud.) C. Muell.

Racomitrium aquaticum

G. arachnoidea Dus.

Grimmia orbicularis* var. *patagonica

G. atro-virens Sm.

Desmatodon convolutus

G. austro-georgica C. Muell. ex Par.

Racomitrium austro-georgicum

G. austro-leucophaea Besch.

Willia austro-leucophaea

G. austro-patens C. Muell.

Racomitrium austro-georgicum

G. calotricha C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Hosseus, 1935*b*, 1937; Kühnemann, 1938).

G. celata Card. (Cardot, 1906*a*).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
South Georgia (Cardot, 1906*a*, 1908*a*; Brotherus, 1924*a*; Steere, 1961*b*).

G. chilensis Thér. (Thériot in Herzog, 1957).

Distr. Southern South America (Herzog, 1957; Seki, 1974).

G. chubutensis Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).

G. conferta Funck

Schistidium apocarpum* ssp. *confertum

G. consobrina Kunz. ex C. Muell. (Kunze ex Mueller, 1849).

Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1904b; Dusén, 1907; Thériot, 1917b, 1921a, 1935a; Campo, 1921; Costes, 1921; Cardot and Brotherus, 1923; Brotherus, 1924a; Reimers, 1926; Roivainen, 1934; Herzog, 1938, 1939, 1954, 1957; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

G. controversa (Hedw.) Web. et Mohr

Weisia controversa

G. convoluta (Mont.) C. Muell.

Racomitrium crispulum

G. crassiretis Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

G. crispula (Hook. f. et Wils.) C. Muell.

Racomitrium crispulum

G. cryptodon (Mont.) Hamp.

Camptodontium cryptodon

G. decurrentipilis Thér. (Thériot in Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

G. depressa C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Bescherelle, 1889; Paris, 1904b; Cardot, 1908a; Kühnemann, 1938).

var. *terrestris* C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Paris, 1904b; Cardot, 1908a).

G. dicksonii (Dus.) Dus.

Grimmia flexicaulis* var. *dicksonii

G. didyma Mont.

Racomitrium didymum

G. donatii Herz. et Thér. (Herzog and Thériot in Herzog, 1937).

Distr. Southern South America (Herzog, 1937).

G. doniana Sm. ex Spruc.

Grimmia donniana

G. donii Sm. ex Lindb.

Grimmia donniana

G. donniana Sm. (Smith, 1804a).

Syn. *Weisia donniana* (Sm.) Poir. (Poiret in Bridel, 1826) *nom. inval.*

Dryptodon donnianus (Sm.) Hartm. (Hartman, 1838).

Grimmia obtusa Schwaegr. var. *donniana* (Sw.) Hartm. (Hartman, 1849) *nom. illeg.*

Grimmia donnii Gray (Gray, 1821) *nom. illeg.*

Grimmia doniana Sm. ex Spruc. (Smith ex Spruce, 1847) *nom. illeg.*

Grimmia donii Sm. ex Lindb. (Smith ex Lindberg, 1879) *nom. illeg.*

Distr. Antarctic, peninsula region (Cardot, 1901, 1908a, 1911b, d, 1913a; Paris, 1904b; Brotherus, 1924a; Bartram, 1957, Steere, 1961a; Robinson, 1972).

Antarctic, continental region (Kuc, 1969; Savich-Ljubitskaya and Smirnova, 1969; Savich-Ljubitskaya, 1978).

G. donii Gray

Grimmia donniana

G. fallax Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a, 1907; Cardot, 1908a; Brotherus, 1924a; Thériot, 1924; Kühnemann, 1938).

G. fasciculata Dus. (Dusén, 1905b) *hom. illeg.*

Distr. Southern South America (Paris, 1904b; Dusén, 1905b, 1907; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

G. fastigiata Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

Antarctic, continental region (Dixon and Watts, 1918; Steere, 1961a).

G. flexicaulis C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).

var. dicksonii Dus. (Dusén, 1905*b*).

Syn. *Grimmia dicksonii* (Dus.) Dus. (Dusén, 1907) *hom. illeg.*
Grimmia pycnophylla Dus. (Dusén, 1903*a*) *nom. nud.*
Grimmia pachyphylla Dus. (Dusén, 1905*b*) *hom. illeg.*

Distr. Southern South America (Dusén, 1903*a*, 1905*b*, 1907; Paris, 1904*b*; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938; Seki, 1974).

G. flexiseta Dus.

Grimmia reflexidens

G. gibertii Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1874; Krieger, 1904; Paris, 1904*b*; Felippone, 1909; Brotherus, 1924*a*; Herter, 1928, 1933*a*, 1939*a, b*, 1943).

G. glacialis C. Muell.

Racomitrium lanuginosum

G. grisea Card. (Cardot, 1906*a*).

Distr. Southern South America (Cardot and Brotherus, 1923; Thériot, 1934*b*; Kühnemann, 1938).
 South Georgia (Cardot, 1906*a*, 1908*a*; Cardot and Brotherus, 1923; Dixon, 1932).

G. gusindei Froehl. (Froehlich, 1953).

Distr. Southern South America (Froehlich, 1953).

G. heteromalla (Hedw.) Web. et Mohr

Ditrichum heteromallum

G. heterosticha (Hedw.) C. Muell.

Racomitrium heterostichum

G. homomalla (Hedw.) Sm.

Ditrichum heteromallum

G. humilis Mitt. (Mitten, 1869).

Syn. *Grimmia macropulvinata* Dus. (Dusén, 1903*a*) *fide* Cardot, 1908*a*.

Distr. Southern South America (Mitten, 1869; Jaeger, 1874; Mueller, 1885; Dusén, 1903*a*, 1907; Paris, 1904*b*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Espinosa B., 1924; Kühnemann, 1938; Bartram, 1952; Herzog, 1957; Seki, 1974).

G. hyalino-cuspidata C. Muell. (Mueller, 1890*a*).

Syn. *Racomitrium hyalino-cuspidatum* (C. Muell.) Kindb. (Kindberg, 1891).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).

South Georgia (Mueller, 1890*a*; Paris, 1905*b*; Cardot, 1908*a*; Brotherus, 1924*a*; Steere, 1961*b*).

var. mutica Card. et Broth. (Cardot and Brotherus, 1923).

Distr. South Georgia (Cardot and Brotherus, 1923; Steere, 1961*b*).

G. imberbis Kunz. ex C. Muell. (Kunze ex Mueller, 1849).

Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1904*b*; Dusén, 1907; Brotherus, 1924*a*; Herzog, 1938, 1957, 1960).

G. immerso-leucophaea (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Guembelia immerso-leucophaea* C. Muell. (Mueller, 1890*a*).

Distr. South Georgia (Mueller, 1890*a*; Paris, 1904*b*; Cardot, 1908*a*; Brotherus, 1924*a*; Steere, 1961*b*).

G. integridens C. Muell.

Grimmia subovata

G. julacea (Hedw.) Web. et Mohr

Leucodon julaceus

G. julacea Hornsch.

Acrocryphaea julacea

G. laevigata Mitt.

Racomitrium laevigatum

- G. lamprocarpa* C. Muell. ***Racomitrium lamprocarpum***
- G. lanuginosa* (Hedw.) C. Muell. ***Racomitrium lanuginosum***
- G. lawiana*** J. H. Willis (Willis *in* Filson, 1966).
Distr. Antarctic, continental region (Filson, 1966; Greene, 1968a).
- G. leucophaeola*** C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).
- G. lorentzii* C. Muell. *ex* Kindb. ***Grimmia lorentziana***
- G. lorentziana*** (C. Muell.) Par. (Paris, 1895).
Syn. *Guembelia lorentziana* C. Muell. (Mueller, 1882).
Grimmia lorentzii C. Muell. *ex* Kindb. (Mueller *ex* Kindberg, 1889) *nom. illeg.*
Distr. Southern South America (Mueller, 1882; Paris, 1895, 1904*b*; Brotherus, 1924*a*; Hosseus, 1936; Kühnemann, 1938).
- G. macropulvinata* Dus. ***Grimmia humilis***
- G. macrothylla* Card. et Broth. ***Grimmia macrotyla***
- G. macrotyla*** Card. et Broth. (Cardot and Brotherus, 1923).
Syn. *Grimmia macrothylla* Card. et Broth. *in* Broth. (Cardot and Brotherus *in* Brotherus, 1924*a*) *err.*
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).
- G. maritima* Turn. ***Schistidium maritimum***
- G. montevidensis*** Thér. (Thériot *in* Felippone, 1929 [1930]).
Distr. Southern South America (Felippone, 1929; Herter, 1933*a*).
- G. murina* C. Muell. ***Grimmia reflexidens***
- G. nigrita* C. Muell. ***Racomitrium crispulum***
- G. nivea*** Dus. (Dusén, 1905*b*).
Distr. Southern South America (Dusén, 1905*b*, 1907; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938; Seki, 1974).
- G. nordenskioldii*** Card. (Cardot, 1906*a*).
Distr. Southern South America (Cardot and Brotherus, 1923).
 South Georgia (Cardot, 1906*a*, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Steere, 1961*b*).
- G. obtusa* Schwaegr. *var. donniana* (Sm.) Hartm. ***Grimmia donniana***
- G. occulta*** C. Muell. (Mueller, 1890*a*).
Distr. Southern South America (Dusén, 1907; Cardot, 1908*a*; Cardot and Brotherus, 1923; Kühnemann, 1938).
 South Georgia (Mueller, 1890*a*; Paris, 1904*b*; Cardot, 1906*a*, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Dixon, 1935; Steere, 1961*b*).
- G. orbicularis*** Bruch (Bruch *in* Wilson, 1844).
Syn. *Guembelia orbicularis* (Bruch) Hamp. (Hampe *in* Mueller, 1849).
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938 (as *G. orbicularis*); Seki, 1974).
- var. patagonica*** Card. (Cardot, 1908*a*).
Syn. *Grimmia arachnoidea* Dus. (Dusén, 1903*a*) *fide* Cardot, 1908*a*, p. 284.
Distr. Southern South America (Dusén, 1903*a*, 1905*b* (as *G. orbicularis fide* Cardot, 1908*a*), 1907 (as *G. orbicularis fide* Cardot, 1908*a*); Cardot, 1908*a* (and as *G. orbicularis*)).

- G. pachyloma* (Mont.) Mitt. ***Sciaromium pachyloma***
- G. pachyphylla* C. Muell. ***Andreaea pachyphylla***
- G. pachyphylla* Dus. ***Grimmia flexicaulis* var. *dicksonii***
- G. patagonica* Mitt. ***Scouleria patagonica***
- G. perplexa*** Thér. (Thériot, 1923a).
Distr. Southern South America (Thériot, 1923a, 1934b; Brotherus, 1925).
- G. phyllorhizans*** Broth. (Brotherus, 1924b).
Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Robinson, 1975).
- G. plagiopodia*** Hedw. (Hedwig, 1801).
Syn. *Weisia plagiopodi* (Hedw.) Poir. (Poiret, 1808).
Schistidium plagiopodium (Hedw.) Loesk. (Loeske, 1913).
Distr. Antarctic, peninsula region (Bartram, 1957; Steere, 1961a).
 Antarctic, continental region (Bartram, 1957; Steere, 1961a).
- var. *antarctica*** Bartr. (Bartram, 1957).
Distr. Antarctic, continental region (Bartram, 1957; Steere, 1961a; Savich-Ljubitskaya and Smimova, 1970; Savich-Ljubitskaya, 1978).
- G. praemorsa*** (C. Muell.) Kindb. (Kindberg, 1889).
Syn. *Guembelia praemorsa* C. Muell. (Mueller, 1882).
Schistidium praemorsum (C. Muell.) Herz. (Herzog, 1916a).
Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1924a; Hosseus, 1938c, d; Kühnemann, 1938).
- G. protensum* (Braun) Mitt. ***Racomitrium aquaticum***
- G. ptychophylla* Mitt. ***Racomitrium ptychophyllum***
- G. pulvinata*** (Hedw.) Sm. (Smith, 1807).
Syn. *Fissidens pulvinatus* Timm ex Hedw. (Hedwig, 1801).
Distr. Southern South America (Montagne, 1850).
- G. pycnophylla* Dus. ***Grimmia flexicaulis* var. *dicksonii***
- G. quadricurris*** C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938 (as *quatricurris* C. Muell.); Bartram, 1965).
- G. raphidostega* C. Muell. ex Kindb. ***Grimmia raphidostega***
- G. reflexidens*** C. Muell. (Mueller, 1849).
Syn. *Grimmia murina* C. Muell. (Mueller, 1897a).
Grimmia flexiseta Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Mueller, 1849, 1897a; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1900a, 1904b; Dusén, 1903a, 1905b, 1907; Brotherus, 1924a; Kühnemann, 1938).
- G. raphidostega*** C. Muell. (Mueller, 1882).
Syn. *Grimmia raphidostega* C. Muell. ex Kindb. (Mueller ex Kindberg, 1889) *err.*
Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).
- G. richardii* (Brid.) Spreng. ***Campylopus richardii***
- G. rivularis* Brid. ***Schistidium apocarpum***
- G. rupestris* (Hook. f. et Wils.) C. Muell. ***Racomitrium crispulum* var. *rupestre***

G. scabripes Bartr. (Bartram, 1946).*Distr.* Southern South America (Roivainen, 1934; Bartram, 1946).**G. senilis** Besch.***Willia austro-leucophaea*****G. serripila** Dus. (Dusén *in* Paris, 1904*b*) *nom. nud.**Distr.* Southern South America (Paris, 1904*b*; Thériot, 1923*b*).**G. stolonifera** C. Muell. (Mueller, 1884 [1883]).*Distr.* Antarctic, continental region (Dixon and Watts, 1918; Steere, 1961*a*).**G. striata** Schrad.***Rhabdoweisia fugax*****G. subcrispipila** C. Muell.***Racomitrium subcrispipilum*****G. sublamprocarpa** C. Muell.***Racomitrium sublamprocarpum*****G. subnigrita** C. Muell.***Racomitrium subnigritum*****G. subovata** Schimp. (Schimper *in* Mueller, 1882).*Syn.* *Grimmia integridens* C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Kurtz, 1904; Paris, 1904*b*; Brotherus, 1924*a*; Hosseus, 1936, 1937; Kühnemann, 1938).**G. symphyodon** Mitt.***Racomitrium symphyodon*****G. symphyodonta** C. Muell.***Racomitrium symphyodontum*****G. syntrichiacea** C. Muell. (Mueller, 1890*a*).*Distr.* Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
South Georgia (Mueller, 1890*a*; Paris, 1904*b*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Steere, 1961*b*).**G. tenuicaulis** Hamp. (Hampe *in* Jaeger, 1874) *nom. nud.**Distr.* Southern South America (Jaeger, 1874).**G. tortuosa** Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).*Distr.* Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1849; Jaeger, 1874; Paris, 1904*b*; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938).**G. trichophylla** Grev. (Greville, 1824).*Syn.* *Dryptodon trichophyllus* (Grev.) Brid. (Bridel, 1827*a*).
Eugrimmia trichophylla (Grev.) Hamp. (Hampe, 1880*c*) *comb. inval.**Distr.* Southern South America (Montagne, 1850).**G. unicruris** C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938; Herzog, 1957).**G. urnulacea** C. Muell. (Mueller, 1890*a*).*Distr.* South Georgia (Mueller, 1890*a*; Paris, 1904*b*; Cardot, 1906*a*, 1908*a*; Brotherus, 1924*a*; Steere, 1961*b*).**G. vernicosula** C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1904*b*; Brotherus, 1924*a*; Kühnemann, 1938).**G. willii** C. Muell.***Racomitrium willii*****Groutiella****G. apiculata** (Hook.) Crum et Steere (Crum and Steere, 1950).*Syn.* *Orthotrichum apiculatum* Hook. (Hooker, 1818).
Macromitrium apiculatum (Hook.) Schwaegr. (Schwaegrichen, 1826).

Distr. Southern South America (Krieger, 1904).

G. tomentosa (Hornsch.) Wijk et Marg. (van der Wijk and Margadant, 1960a).

Syn. *Macromitrium tomentosum* Hornsch. (Hornschuch, 1840).
Micromitrium tomentosum (Hornsch.) Par. (Paris, 1905a).

Distr. Southern South America (Hornschuch, 1840; Mueller, 1849; Gibert, 1873; Jaeger, 1874; Paris, 1905a; Brotherus, 1925; Herter, 1933a).

Guembelia

G. austro-leucophaea C. Muell.

Willia austro-leucophaea

G. immerso-leucophaea C. Muell.

Grimmia immerso-leucophaea

G. lorentziana C. Muell.

Grimmia lorentziana

G. orbicularis (Bruch) Hamp.

Grimmia orbicularis

G. praemorsa C. Muell.

Grimmia praemorsa

Gymnocybe nom. rejic.

G. palustris (Hedw.) Fries

Aulacomnium palustre

Gymnopilum nom. nud.

G. dendroides (Hedw.) Schimp.

Dendroligotrichum dendroides

G. magellanicum (Hedw.) Schimp.

Polytrichadelphus magellanicus

Gymnostomum

G. aeruginosum Sm. (Smith, 1804b).

Syn. *Gymnostomum calcareum* Nees et Hornsch. (Nees and Hornschuch in Nees von Esenbeck and others, 1823) *fide* Zander, 1977.

Weisia calcarea (Nees et Hornsch.) C. Muell. (Mueller, 1849) *hom. illeg. fide* Zander, 1977.

Hymenostylium calcareum (Nees et Hornsch.) Mitt. (Mitten, 1859) *fide* Zander, 1977.

Trichostomum calcareum (Nees et Hornsch.) Lindb. (Lindberg, 1864a) *fide* Zander, 1977.

Eucladium calcareum (Nees et Hornsch.) C. Jens. (Jensen, 1923).

Gymnostomum calcareum Nees et Hornsch. var. *tenellum* B.S.G. (Bruch and others, 1846).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Robinson, 1975).

Southern South America (Montagne, 1850; Mitten, 1869; Paris, 1904b; Dusén, 1906; Thériot, 1921a; Hosseus, 1938c, d; Herzog, 1938, 1940, 1954; Bizot and Piovano, 1953; Zander, 1977).

G. aestivum Hedw. (Hedwig, 1801).

Syn. *Gymnostomum euchloron* Schwaegr. (Schwaegrichen, 1827a) *fide* Zander, 1977.

Anoetangium euchloron (Schwaegr.) Mitt. (Mitten, 1869) *fide* Zander, 1977.

Distr. Southern South America (Thériot, 1936; Hosseus, 1938c, d, 1939; Bartram, 1965; Zander, 1977).

G. amblyophyllum Hook.

Didymodon amblyophyllus

G. antarcticum Aongstr.

Pottia antarctica

G. bonplandii Hook.

Funaria bonplandii

G. calcareum Nees et Hornsch.

Gymnostomum aeruginosum

var. *tenellum* B.S.G.

Gymnostomum aeruginosum

G. curvirostre Hedw. ex Brid.

Hymenostylium recurvirostre

G. euchloron Schwaegr.

Gymnostomum aestivum

G. griffithianum (Dicks.) Sm.

Oedipodium griffithianum

G. heimii Hedw.

Pottia heimii

G. imberbe Sm.

Hedwigidium integrifolium

<i>G. kunzeanum</i> (C. Muell.) Par.	<i>Hymenostylium kunzeanum</i>
<i>G. laxifolium</i> Kunz. ex Par.	<i>Gymnostomum tenerrimum</i>
<i>G. longirostre</i> Kunz. ex C. Muell.	<i>Hymenostylium kunzeanum</i>
<i>G. magellanicum</i> Aongstr. ex Par.	<i>Pottia antarctica</i>
<i>G. marginatum</i> Kunz. ex Mont.	<i>Hymenostomum kunzeanum</i>
<i>G. menziesii</i> (R. Brown) Hook.	<i>Leptostomum menziesii</i>
<i>G. orbignyanum</i> Mont.	<i>Physcomitrium orbignyanum</i>
<i>G. ovatum</i> Hedw.	<i>Pterygoneurum ovatum</i>
<i>G. pachyloma</i> Mont.	<i>Sciaromium pachyloma</i>
<i>G. pyriforme</i> Hedw.	<i>Physcomitrium pyriforme</i>
<i>G. recurvirostre</i> Hedw.	<i>Hymenostylium recurvirostre</i>
<i>G. subsessile</i> Brid.	<i>Pterygoneurum subsessile</i>

G. tenerrimum (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1959).

- Syn.* *Anoetangium tenerrimum* C. Muell. (Mueller, 1847c).
Zygodon tenerrimus (C. Muell.) C. Muell. (Mueller, 1849).
Anoetangium laxifolium Par. (Paris, 1894) *hom. illeg.*
Gymnostomum laxifolium Kunz. ex Par. (Kunze ex Paris, 1904b) *nom. illeg.*

Distr. Southern South America (Mueller, 1847c, 1849; Lorentz, 1866; Mitten, 1869; Jaeger, 1870; Paris, 1894, 1904b; Brotherus, 1924a).

<i>G. tortula</i> Schwaegr.	<i>Hyophila tortula</i>
<i>G. truncatum</i> Hedw.	<i>Pottia truncata</i>

Gyroweisia

G. detersifolia (Hamp.) Broth. (*In Piovano, 1954 nom. nud.*

Distr. Southern South America (Piovano, 1954).

Haplocladium

<i>H. amblyostomum</i> (C. Muell.) Broth.	<i>Haplocladium microphyllum</i>
<i>H. austro-serpens</i> (C. Muell.) Broth.	<i>Haplocladium microphyllum</i>
<i>H. laplatae</i> (C. Muell.) Broth.	<i>Haplocladium microphyllum</i>
<i>H. laterculi</i> (C. Muell.) Broth.	<i>Haplocladium microphyllum</i>
<i>H. malachiticum</i> C. Muell. (Mueller <i>in</i> Reimers, 1937) <i>nom. nud.</i>	

Distr. Southern South America (Reimers, 1937).

H. microphyllum (Hedw.) Broth. (Brotherus, 1907).

- Syn.* *Hypnum microphyllum* Hedw. (Hedwig, 1801).
Leskea microphylla (Hedw.) Sw. (Swartz *in* Mitten, 1859).
Thuidium microphyllum (Hedw.) Jaeg. (Jaeger, 1878).
Pseudoleskea microphylla (Hedw.) Sauerb. (Sauerbeck *in* Jaeger and Sauerbeck, 1879b).
Hypnum austro-serpens C. Muell. (Mueller, 1879a).
Amblystegium austro-serpens (C. Muell.) Kindb. (Kindberg, 1891).
Thuidium austro-serpens (C. Muell.) Kindb. (Kindberg, 1891).
Haplocladium austro-serpens (C. Muell.) Broth. (Brotherus, 1907).
Hypnum laterculi C. Muell. (Mueller, 1879a).
Thuidium laterculi (C. Muell.) Kindb. (Kindberg, 1891).
Thuidium laterale Par. (Paris, 1898) *err.*
Haplocladium laterculi (C. Muell.) Broth. (Brotherus, 1907).
Hypnum attenuatifolium C. Muell. (Mueller, 1882) *nom. nud.*
Hypnum paludicola C. Muell. (Mueller, 1882) *nom. nud.*
Hypnum amblyostomum C. Muell. (Mueller, 1882).
Thuidium amblyostomum (C. Muell.) Kindb. (Kindberg, 1891).
Haplocladium amblyostomum (C. Muell.) Broth. (Brotherus, 1907).

Hypnum amblyostomum C. Muell. var. *attenuatifolium* C. Muell. (Mueller, 1882).
Thuidium amblyostomum (C. Muell.) Kindb. var. *attenuatifolium* (C. Muell.) Par. (Paris, 1898).

Hypnum amblyostomum C. Muell. var. *paludicola* C. Muell. (Mueller, 1882).
Thuidium amblyostomum (C. Muell.) Kindb. var. *paludicola* (C. Muell.) Par. (Paris, 1898).

Haplocladium pseudo-gracile C. Muell. (Mueller, 1897a).
Pseudoleskea pseudogracilis (C. Muell.) Par. (Paris, 1896).
Thuidium pseudo-gracile (C. Muell.) Par. (Paris, 1906) *hom. illeg.*
Haplodontium pseudo-gracile C. Muell. ex Par. (Mueller ex Paris, 1906) *err.*
Pseudoleskea uruguensis C. Muell. (Mueller, 1897a).
Haplocladium uruguense (C. Muell.) Broth. (Brotherus, 1907).
Thuidium semi-lunare C. Muell. (Mueller, 1897a).
Haplocladium semilunare (C. Muell.) Broth. (Brotherus, 1907).
Hypnum semilunare C. Muell. (Mueller in Reimers, 1937) *nom. nud.*
Thuidium torskii Kiaer ex C. Muell. (Kiaer ex Mueller, 1897a).
Haplocladium torskii (C. Muell.) Broth. (Brotherus, 1907).
Pseudoleskea laplatae C. Muell. (Mueller, 1897a).
Haplocladium laplatae (C. Muell.) Broth. (Brotherus, 1907).

Distr. Southern South America (Montagne, 1839c; Mueller, 1879a, 1882, 1897a; Paris, 1896, 1898, 1905b, 1906; Brotherus, 1907, 1918, 1925; Herter, 1933a, 1943; Kühnemann, 1938; Hosseus, 1939, 1940; Herzog, 1952a).

H. persistens (C. Muell.) Broth. (Brotherus, 1907).

Syn. *Hypnum persistens* C. Muell. (Mueller, 1882).
Thuidium persistens (C. Muell.) Kindb. (Kindberg, 1891).

Distr. Southern South America (Mueller, 1882; Paris, 1906; Brotherus, 1907, 1925; Kühnemann, 1938).

H. pseudo-gracile C. Muell.

Haplocladium microphyllum

H. semilunare (C. Muell.) Broth.

Haplocladium microphyllum

H. torskii (C. Muell.) Broth.

Haplocladium microphyllum

H. uruguense (C. Muell.) Broth.

Haplocladium microphyllum

Haplodontium

H. brachycladum Broth. (Brotherus in Felippone, 1909).

Syn. *Haplodontium brachycladulum* Broth. (Brotherus, 1924a) *err.*

Distr. Southern South America (Felippone, 1909; Brotherus, 1924a; Herter, 1933a).

H. brachycladulum Broth.

Haplodontium brachycladum

H. humipetens C. Muell. (Mueller, 1879a).

Syn. *Mielichhoferia humipetens* (C. Muell.) Par. (Paris, 1896).

Distr. Southern South America (Mueller, 1879a; Paris, 1896, 1904b; Brotherus, 1924a; Kühnemann, 1938).

H. pernanum C. Muell.

Haplodontium sanguinolentum

var. *robustior* C. Muell. (Mueller, 1879a).

Syn. *Mielichhoferia pernana* (C. Muell.) Par. var. *robustior* (C. Muell.) Par. (Paris, 1896).

Distr. Southern South America (Mueller, 1879a; Paris, 1896, 1904b; Kühnemann, 1938).

H. pseudo-gracile C. Muell. ex Par.

Haplocladium microphyllum

H. sanguinolentum C. Muell. (Mueller, 1879a).

Syn. *Mielichhoferia sanguinolenta* (C. Muell.) Par. (Paris, 1896).

Haplodontium pernanum C. Muell. (Mueller, 1879a).

Mielichhoferia pernana (C. Muell.) Par. (Paris, 1896).

Distr. Southern South America (Mueller, 1879a; Paris, 1896, 1904b; Brotherus, 1924a; Hosseus, 1936, 1937; Kühnemann, 1938; Bartram, 1965).

Haptymenium nom. illeg.*H. curtispiculum* (Hedw.) Fuernr.***Antitrichia curtispiculum*****Harpidium hom. illeg.***H. aduncum* (Hedw.) Con.***Drepanocladus aduncus****H. fluitans* (Hedw.) Spruc.***Drepanocladus fluitans****H. polycarpum* (Voit) Williams***Drepanocladus aduncus* var. *polycarpus****H. revolvens* (Sw.) C. Jens.***Drepanocladus revolvens****H. uncinatum* (Hedw.) C. Jens.***Drepanocladus uncinatum***var. *orthothecioides* (Lindb.) C. Jens.***Drepanocladus uncinatum* var. *subjulaceus*****Harrisonia hom. illeg.***H. australis* (Hook. f. et Wils.) Hamp.***Rhacocarpus purpurascens****H. crasso-limbata* C. Muell.***Rhacocarpus purpurascens****H. humboldtii* (Hook.) Spreng.***Rhacocarpus purpurascens***var. *argentinica* C. Muell.***Rhacocarpus purpurascens* var. *argentinicus****H. orbiculata* (Mitt.) Jaeg.***Rhacocarpus orbiculatus****H. purpurascens* (Brid.) C. Muell.***Rhacocarpus purpurascens****H. rhabdocarpa* Hamp.***Hedwigidium integrifolium****H. secunda* (Hook.) Spreng. var. *cirrhifolia* Mitt.***Braunia cirrhifolia*****Hedwigia***H. albicans* Lindb.***Hedwigia ciliata****H. argentinica* C. Muell.***Hedwigia ciliata******H. ciliata*** (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).Syn. *Anictangium ciliatum* Hedw. (Hedwig, 1801).*Bryum ciliatum* (Hedw.) Dicks. (Dickson, 1801).*Anoetangium ciliatum* (Hedw.) Roehl. (Röhling, 1809).*Perisiphorus ciliatus* (Hedw.) P. Beauv. (Palisot de Beauvois, 1822).*Hedwigidium ciliatum* (Hedw.) Hartm. (Hartman, 1849).*Pilotrichum ciliatum* (Hedw.) C. Muell. (Mueller, 1851a).*Bryum apocarpum* (Hedw.) L. ex With. var. *ciliatum* (Hedw.) With. (Withering, 1801).*Bryum hedwigii* Brotero (Brotero, 1804).*Hedwigia albicans* Lindb. (Lindberg, 1864b) *nom. illeg.**Hedwigia argentinica* C. Muell. (Mueller *in* Fleischer, 1920) *nom. nud.*

Distr. Southern South America (Jaeger, 1876; Fleischer, 1920).

H. cirrhifolia Mitt.***Braunia cirrhifolia****H. humboldtii* (Hook.) Hook.***Rhacocarpus purpurascens***var. *australis* (Hook. f. et Wils.) Wils.***Rhacocarpus purpurascens****H. imberbis* (Sm.) Spruc.***Hedwigidium integrifolium****H. integrifolia* P. Beauv.***Hedwigidium integrifolium****H. orbiculata* Mitt.***Rhacocarpus orbiculatus****H. patagonica* C. Muell. (Mueller *in* Kindberg, 1891) *nom. nud.*Distr. No locality given, see *Index muscorum*, 5, p. 674.**Hedwigidium***H. chilense* Fleisch. (Fleischer, 1920) *nom. nud.*Syn. *Braunia chilensis* Broth. (Brotherus *in* Fleischer, 1920) *nom. nud.*

Distr. Southern South America (Fleischer, 1920).

H. ciliatum (Hedw.) Hartm.***Hedwigia ciliata***

H. gibertii Fleisch. (Fleischer, 1920) *nom. nud.*

Syn. *Braunia gibertii* Besch. (Bescherelle *in* Fleischer, 1920) *nom. nud.*

Distr. Southern South America (Fleischer, 1920).

H. imberbe (Sm.) B.S.G.

Hedwigidium integrifolium

H. integrifolium (P. Beauv.) Dix. (Dixon *in* Jensen, 1939).

Syn. *Hedwigia integrifolia* P. Beauv. (Palisot de Beauvois, 1805a).

Anoectangium integrifolium (P. Beauv.) Schwaegr. (Schwaegrichen, 1811).

Gymnostomum imberbe Sm. (Smith, 1811).

Anictangium imberbe (Sm.) Hook. et Tayl. (Hooker and Taylor, 1818).

Schistidium imberbe (Sm.) Nees et Hornsch. (Nees von Esenbeck and others, 1823).

Hedwigidium imberbe (Sm.) B.S.G. (Bruch and others, 1846).

Hedwigia imberbis (Sm.) Spruc. (Spruce, 1847).

Neckera imberbis (Sm.) C. Muell. (Mueller, 1850).

Schistidium ciliatum (Hedw.) Brid. var. *imberbe* (Sm.) Hueb. (Hübener, 1833).

Harrisonia rhabdocarpa Hamp. (Hampe, 1863).

Braunia rhabdocarpa (Hamp.) C. Muell. (Mueller, 1879a).

Hedwigidium rhabdocarpum (Hamp.) Jaeg. (Jaeger *in* Jaeger and Sauerbeck, 1879b).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1905a, 1925; Reimers, 1926; Herzog, 1938; Kühnemann, 1938; Bartram, 1952).

H. patagonicum Fleisch. (Fleischer, 1920) *nom. nud.*

Syn. *Braunia patagonica* C. Muell. (Mueller *in* Fleischer, 1920) *nom. nud.*

Distr. Southern South America (Fleischer, 1920).

H. rhabdocarpum (Hamp.) Jaeg.

Hedwigidium integrifolium

Helicodontium

H. acuminatum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1925; Kühnemann, 1938).

H. chloronema C. Muell. (Mueller, 1897a).

Syn. *Helicodontium montevidense* C. Muell. (Mueller *in* Fleischer, 1920) *nom. nud.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Fleischer, 1920; Brotherus, 1925; Hosseus, 1934, 1939; Kühnemann, 1938).

H. clarazii (Dub.) Par. (Paris, 1895).

Syn. *Hypnum clarazii* Dub. (Duby, 1868).

Rudia clarazii (Dub.) Jaeg. (Jaeger, 1878) *comb. inval.*

Amblystegium clarazii (Dub.) Jaeg. (Jaeger *in* Jaeger and Sauerbeck, 1879a) *nom. inval.*

Distr. Southern South America (Duby, 1868; Jaeger, 1878; Paris, 1895, 1904b).

H. complanatum Broth. (Brotherus, 1895).

Distr. Southern South America (Herzog, 1952a).

H. montevidense C. Muell.

Helicodontium chloronema

H. obtusatum (C. Muell.) Fleisch.

Fabronia obtusatum

H. pendulum (Brid.) Lindb. (Lindberg, 1883).

Syn. *Isothecium pendulum* Brid. (Bridel, 1827b).

Hypnum pendulum (Brid.) C. Muell. (Mueller, 1851a) *hom. illeg.*

Eurhynchium pendulum (Brid.) Jaeg. (Jaeger, 1878).

Rhynchostegium pendulum (Brid.) Jaeg. (Jaeger, 1878).

Distr. Southern South America (Bridel, 1827b; Mueller, 1851a; Mitten, 1869; Gibert, 1873; Jaeger, 1878; Lindberg, 1883; Paris, 1904b; Herter, 1928, 1933b).

H. pervirens (C. Muell.) Broth. (Brotherus, 1895).

Syn. *Hypnum pervirens* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1904b; Brotherus, 1925; Herter, 1933a, 1943; Hosseus, 1938; Kühnemann, 1938; Herzog, 1952a).

H. pseudo-limnobia (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Hypnum pseudo-limnobia* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).

H. rhyparobolax C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1925; Hosseus, 1934, 1939; Kühnemann, 1938).

H. seminerve (Schwaegr.) Schwaegr.

Juratzkaea seminervis

H. siambonense C. Muell. (Mueller, 1897a).

Syn. *Helicondontium siambonicum* C. Muell. (Mueller *in* Fleischer, 1920) *nom. nud.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Fleischer, 1920; Brotherus, 1925; Kühnemann, 1938).

H. siambonicum C. Muell.

Helicondontium siambonense

H. tenuifolium (Hedw.) C. Muell.

Rhynchostegium tenuifolium

H. tenuirostre Schwaegr. (Schwaegrichen, 1830).

Syn. *Hypnum tenuirostre* (Schwaegr.) C. Muell. (Mueller, 1851a) *hom. illeg.*

Distr. Southern South America (Jaeger, 1878; Paris, 1904b; Brotherus, 1925).

Hepaticina *nom. inval.*

H. lamellata Fleisch.

Pterygophyllum lamellatum

H. peruncinata Dus.

Pterygophyllum peruncinatum

Herpetineuron

H. toccoae (Sull. et Lesq.) Card. (Cardot, 1905c).

Syn. *Anomodon toccoae* Sull. et Lesq. (Sullivant and Lesquereux, 1856).

Distr. Southern South America (Hosseus, 1940; Herzog, 1952a).

Heterocladium

H. austro-alpinum (C. Muell.) Broth.

Leptopterigynandrum austro-alpinum

H. implexum (Schwaegr.) Lor.

Rigodium implexum

H. lechleri Schimp.

Rigodium arborescens and **R. toxarion**

H. prolixum Schimp.

Rigodium arborescens and **R. toxarion**

Heterophyllum

H. breviflagellum C. Muell.

Acanthocladium breviflagellum

Holodontium

H. inerme (Mitt.) Broth. (Brotherus, 1924a).

Syn. *Dicranum inerme* Mitt. (Mitten, 1869).

Dicranoweisia inermis (Mitt.) Par. (Paris, 1895).

Blindia auriculata C. Muell. (Mueller, 1885).

Dicranoweisia auriculata (C. Muell.) Broth. (Brotherus, 1901).

Distr. Southern South America (Mueller, 1885; Paris, 1895, 1904a; Brotherus, 1901, 1924a; Dusén, 1905a; Cardot, 1905a, 1908a, 1913a; Cardot and Brotherus, 1923; Roivainen, 1934; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1939).
South Georgia (Bell, 1973b, p. 33).

H. pumilum (Mitt.) Broth. (Brotherus, 1924a).

- Syn.* *Symbblepharis pumila* Mitt. (Mitten in Hooker, 1867).
Dicranum pumilum (Mitt.) Mitt. (Mitten, 1869) *nom. illeg.*
Holomitrium pumilum (Mitt.) Kindb. (Kindberg, 1888).
Blindia humilis C. Muell. (Mueller, 1885).
Dicranoweisia humilis (C. Muell.) Broth. (Brotherus, 1901).
Blindia churuccana Besch. (Bescherelle, 1885a).

Distr. Southern South America (Mitten, 1869; Mueller, 1885; Bescherelle, 1885a, 1889; Cardot, 1900, 1901, 1905a, 1908a; Brotherus, 1901, 1924a; Paris, 1904a, b; Dusén, 1905a; Cardot and Brotherus, 1923; Roivainen and Bartram, 1937; Kühnemann, 1938; Herzog, 1954; Seki, 1974).
 Falkland Islands (Cardot and Brotherus, 1923).

H. ramulosum (Mitt.) Broth. (Brotherus, 1924a).

Syn. *Dicranum ramulosum* Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Mueller, 1885; Paris, 1904b; Cardot, 1908a; Brotherus, 1924a (as *H. ramosum*)).

Holodontium sp.

Syn. *Blindia savatieriana* C. Muell. (Mueller in Bescherelle, 1889).
Blindia savatieri C. Muell. (Mueller, 1901a [1900]) *nom. illeg.*

Distr. Southern South America (Bescherelle, 1889; Mueller, 1901a; Paris, 1904a; Cardot, 1908a; Brotherus, 1924a).

Holomitrium

H. pumilum (Mitt.) Kindb.

Holodontium pumilum

Homalia

H. glabella (Hedw.) B.S.G. (Bruch and others, 1850).

Syn. *Leskea glabella* Hedw. (Hedwig, 1801).
Neckera glabella (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Neckera patagonica Brid. (Bridel, 1801b).
Pilotrichum patagonicum (Brid.) P. Beauv. (Palisot de Beauvois, 1805a).
Hypnum patagonicum Brid. (Bridel in Steudel, 1824) *nom. nud.*
Neckera dillenii Lindb. (Lindberg, 1883) *nom. illeg.*

Distr. Southern South America (Bridel, 1801b, 1827b; Schwaegrichen, 1816; Lindberg, 1883).

Hookeria

H. ancistrodes Mont.

Ancistrodes genuflexa

H. anomala (Schwaegr.) C. Muell.

Achrophyllum anomalum

H. apiculata Hook. f. et Wils.

Eriopus apiculatus

H. cirrhifolia Arnott

Sematophyllum cirrhifolium

H. concinna (Hook.) Hook. et Grev.

Lopidium concinnum

H. cristata (Hedw.) Hook. et Grev.

Eriopus cristatus

H. dentata Hook. f. et Wils.

Achrophyllum dentatum

H. denticulata Hook. f. et Wils.

Achrophyllum dentatum

H. dicksonii Hook. et Grev.

Distichophyllum dicksonii

H. eriodon C. Muell. ex Card.

Eriodon conostomus

H. erectiuscula Tayl.

Lepidopilum erectiusculum

H. flaccida Hook. f. et Wils.

Distichophyllum flaccidum

H. flexicollis Mitt.

Eriopus flexicollis

H. incurva (Hornsch.) Hook. et Grev.

Hookeriopsis incurva

H. lorentzii C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1925; Kühnemann, 1938; Welch, 1969).

H. magellanica (P. Beauv.) Arnott (Arnott, 1827).

Syn. *Hypnum magellanicum* P. Beauv. (Palisot de Beauvois, 1805a).

Distr. Southern South America (Palisot de Beauvois, 1805a; Bridel, 1817, 1827b; Wilson and Hooker, 1847; Mueller, 1850; Paris, 1904c; Kühnemann, 1938; Welch, 1969).

H. nigella Hook. f. et Wils.

Achrophyllum dentatum

H. obscura Mont.

Pterygophyllum crassirete

H. patrisiae (Brid.) Hamp.

Crossomitrium patrisiae

H. polytrichoides (Hedw.) Spreng.

Lepidopilum polytrichoides

H. rigida (Schwaegr.) Arnott

Lepidopilum polytrichoides

H. rotundifolia Hook. f. et Wils.

Distichophyllum rotundifolium

H. scabriuscula C. Muell.

Callicostella scabriuscula

H. sellovii Hornsch.

Mittenothamnium sellovii

H. speciosissima Mont. ex Schwaegr.

Schimperobryum splendidissimum

H. splendidissima Mont.

Schimperobryum splendidissimum

H. sublimbata C. Muell.

Cyclodictyon sublimbatum

H. tenella Hook. f. et Wils.

Sauloma tenella

H. uliginosa C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1925; Kühnemann, 1938; Welch, 1969).

Hookeriopsis**H. incurva** (Hornsch.) Broth. (Brotherus, 1907).

Syn. *Chaetephora incurva* Hornsch. (Hornschuch, 1820a).

Hookeria incurva (Hornsch.) Hook. et Grev. (Hooker and Greville, 1825a).

Lepidopilum incurvum (Hornsch.) C. Muell. (Mueller, 1848b).

Callicostella incurva (Hornsch.) Aongstr. (Ångström, 1876a).

Distr. Southern South America (Hornschuch, 1820a, b; Hooker and Greville, 1825a; Bridel, 1827b; Schwaegrichen, 1829; Montagne, 1850; Mueller, 1851a; Jaeger, 1877; Paris, 1904b; Brotherus, 1907, 1925; Welch, 1969; Matteri, 1972).

Husnotiella**H. baueri** Bartr. (Bartram, 1936).

Distr. Southern South America (Bartram, 1936; Hosseus, 1938c, d, 1939).

H. glossophylla Herz. (Herzog, 1916a).

Distr. Southern South America (Hosseus, 1936, 1937 (both as *H. glaucophylla* Herz.); Kühnemann, 1938).

Hygroamblystegium**H. antarcticum** (Card.) Reim. (Reimers, 1926).

Syn. *Pseudoleskea antarctica* Card. (Cardot, 1900).

Distr. Southern South America (Reimers, 1926).

South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Reimers, 1926; Steere, 1961b).

Antarctic, peninsula region (Cardot, 1900, 1901, 1908a; Paris, 1905b; Brotherus, 1925; Steere, 1961a).

H. austro-fluviatile (C. Muell.) Broth. (Brotherus, 1908).

Syn. *Hypnum austro-fluviatile* C. Muell. (Mueller, 1890a).

Amblystegium austro-fluviatile (C. Muell.) Kindb. (Kindberg, 1891).

Distr. Southern South America (Thériot, 1924; Bartram, 1942, 1943).

South Georgia (Mueller, 1890a; Paris, 1903; Cardot, 1906a, 1908a; Brotherus, 1908, 1925; Reimers, 1926; Steere, 1961b).

H. calochroum (Card.) Reim. (Reimers, 1926).

Syn. *Pseudoleskea calochroa* Card. (Cardot, 1906a).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Reimers, 1926; Steere, 1961b).

Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Steere, 1961a).

H. chilense (Lor.) Reim. (Reimers, 1926).

Syn. *Amblystegium chilense* Lor. (Lorentz, 1866).

Orthotheciella austro-chilense C. Muell. (Mueller in Reimers, 1926) *nom. nud.*

Distr. Southern South America (Lorentz, 1866; Jaeger and Sauerbeck, 1879a; Paris, 1903; Reimers, 1926; Herzog, 1939, 1940, 1954; Seki, 1974).

H. crassicostatum Bartr. (Bartram, 1942) *hom. illeg.*

Distr. Southern South America (Bartram, 1942, 1943).

H. excurrens (Card. et Broth.) Reim.

Hygroamblystegium fuegianum* var. *excurrens

H. filum (C. Muell.) Reim. (Reimers, 1926).

Syn. *Hypnum filum* C. Muell. (Mueller, 1884 [1883]).

Orthothecium filum (C. Muell.) Kindb. (Kindberg, 1891).

Pseudoleskea filum (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Cardot, 1905a, 1908a; Thériot, 1918; Campo, 1921; Herzog, 1923, 1938, 1939; Brotherus, 1925; Reimers, 1926; Roivainen, 1934; Kühnemann, 1938; Bartram, 1946, 1952).

var. compactum Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

H. fuegianum (Besch.) Reim. (Reimers, 1926).

Syn. *Leskea fuegiana* Besch. (Bescherelle, 1889).

Pseudoleskea fuegiana (Besch.) Broth. (Brotherus in Cardot, 1905a).

Distr. Southern South America (Bescherelle, 1889; Dusén, 1903a; Cardot, 1905a, 1908a;

Paris 1905a; Thériot, 1915, 1917b; Campo, 1921; Costes, 1921; Cardot and

Brotherus, 1923; Herzog, 1923, 1938, 1960; Reimers, 1926; Looser, 1932; Roivainen,

1934; Kühnemann, 1938; Bartram, 1946; Seki, 1974).

Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938).

var. excurrens (Card. et Broth.) Bartr. (Bartram, 1946).

Syn. *Amblystegium excurrens* Card. et Broth. (Cardot and Brotherus, 1923).

Hygroamblystegium excurrens (Card. et Broth.) Reim. (Reimers, 1926).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Bartram, 1946, 1952).

var. gracilis (Card. et Broth.) Bartr. (Bartram, 1946).

Syn. *Pseudoleskea fuegiana* (Besch.) Broth. var. *gracilis* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Bartram, 1946).

var. secundum Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

var. skottsbergii (Card.) Bartr. (Bartram in Roivainen, 1934).

Syn. *Pseudoleskea fuegiana* (Besch.) Broth. var. *skottsbergii* Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Roivainen, 1934; Kühnemann, 1938; Bartram, 1946).

Falkland Islands (Cardot and Brotherus, 1923).

H. luridum (Card.) Reim. (Reimers, 1926).

Syn. *Pseudoleskea lurida* Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Herzog, 1923; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938).

H. platyphyllum (Card.) Reim. (Reimers, 1926).

Syn. *Pseudoleskea platyphylla* Card. (Cardot, 1906a).

Distr. South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Reimers, 1926; Steere, 1961b).

H. sordidoviride (Card. et Broth.) Reim. (Reimers, 1926).

Syn. *Pseudoleskea sordidoviridis* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938).

H. strictulum (Card.) Reim. (Reimers, 1926).

Syn. *Pseudoleskea strictula* Card. (Cardot, 1906a).

Distr. South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Reimers, 1926; Steere, 1961b).

H. tenellum (Card. et Broth.) Reim. (Reimers, 1926).

Syn. *Amblystegium tenellum* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Herzog, 1954).

H. varium (Hedw.) Moenk.

Amblystegium varium

Hygrodicranum**H. falklandicum** Card. (Cardot, 1911a).

Distr. Falkland Islands (Cardot, 1911a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

Hygrohypnum**H. aureum** Herz. (Herzog, 1916a).

Distr. Southern South America (Bartram, 1965).

H. falcifolium Bartr. (Bartram, 1965).

Distr. Southern South America (Bartram, 1965).

H. peruvienne Williams (Williams, 1916).

Distr. Southern South America (Bartram, 1942, 1943).

Hylocomium

H. lagurus (Hook.) Kindb.

Lepyrodon lagurus

H. schreberi (Brid.) De Not.

Pleurozium schreberi

H. splendidissimum De Not.

Ptychomnion cygnisetum

Hymenocleiston

H. magellanicum Dub.

Tayloria dubyi

var. *edenense* Besch.

Tayloria dubyi* var. *edenensis

Hymenodon

H. ovatus (Hook. f. et Wils.) C. Muell.

Leptotheca gaudichaudii

Hymenoloma

H. intermedium (Dix.) Broth.

Verrucidens intermedius

H. nordenskjöldii Dus.

Dicranoweisia austro-crispula

H. subglobosum Herz. (Herzog, 1937).

Distr. Southern South America (Herzog, 1937).

H. turpe (Card.) Card. et Broth.

Verrucidens turpis

Hymenostomum

H. argentinicum (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Weisia argentinica* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904b; Brotherus, 1924a; Hosseus, 1935b, 1938c, d; Kühnemann, 1938).

H. balansae Besch. ex Kindb.

Hymenostomum balansaeum

H. balansaeum Besch. (Bescherelle, 1877).

Syn. *Hymenostomum balansae* Besch. ex Kindb. (Bescherelle ex Kindberg, 1888) *nom. illeg.*

Weisia balansaeana (Besch.) C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Felippone, 1909; Brotherus, 1924a; Herter, 1933a, 1943).

var. densirete Thér. (Thériot, 1935b).

Distr. Southern South America (Thériot, 1935b; Hosseus, 1938a, d).

H. griffithianum (Dicks.) Spreng.

Oedipodium griffithianum

H. kunzeanum (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Weisia kunzeana* C. Muell. (Mueller, 1849).

Gymnostomum marginatum Kunz. ex Mont. (Kunze ex Montagne, 1850) *nom. illeg.*

Hymenostomum marginatum Par. (Paris, 1904b) *nom. illeg.*

Distr. Juan Fernandez (Brotherus, 1924b; Robinson, 1975).

Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1870; Brotherus, 1902, 1924a; Paris, 1904b; Thériot, 1935a; Herzog, 1939, 1954).

H. marginatum Par.

Hymenostomum kunzeanum

H. semi-involutum (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Weisia semi-involuta* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1904b; Brotherus, 1924a; Kühnemann, 1938).

Hymenostylium

H. calcareum (Nees et Hornsch.) Mitt.

Gymnostomum aeruginosum

H. curvirostre Mitt.

Hymenostylium recurvirostre

H. kunzeanum (C. Muell.) C. Muell. (Mueller, 1901a [1900]).

Syn. *Pottia kunzeana* C. Muell. (Mueller in Montagne, 1850).

Gymnostomum kunzeanum (C. Muell.) Par. (Paris, 1895) *nom. illeg.*

Gymnostomum longirostris Kunz. ex C. Muell. (Mueller, 1847c) *hom. illeg.*

Pottia longirostris C. Muell. (Mueller, 1849) *hom. illeg.*

Weisia longirostris Mitt. (Mitten, 1869) *hom. illeg.*

Hymenostylium longirostre Broth. (Brotherus, 1902) *hom. illeg.*

Distr. Southern South America (Mueller, 1847c, 1849, 1901a; Montagne, 1850; Mitten, 1869; Jaeger, 1870; Paris, 1895, 1904b; Brotherus, 1902, 1924a; Warnstorf, 1916).

H. longirostre Broth.

Hymenostylium kunzeanum

H. longo-pulvinatum Dus.

Hymenostylium recurvirostre

H. recurvirostre (Hedw.) Dix. (Dixon, 1933 [1934]).

Syn. *Gymnostomum recurvirostre* Hedw. (Hedwig, 1801).

Pottia recurvirostra Ehrh. ex Hedw. (Hedwig, 1801) *nom. inval.*

Weisia recurvirostris (Hedw.) Dix. (Dixon, 1902) *hom. illeg.*

Eucladium recurvirostre (Hedw.) C. Jens. (Jensen, 1939).
Gymnostomum curvirostre Hedw. ex Brid. (Hedwig ex Bridel, 1801a) *nom. illeg.*
Weisia curvirostris C. Muell. (Mueller, 1849) *hom. illeg.*
Hymenostylium curvirostre Mitt. (Mitten, 1859) *nom. illeg.*
Barbula curvirostris Lindb. (Lindberg, 1879) *hom. illeg.*
Hymenostylium longo-pulvinatum Dus. (Dusén, 1906).
Barbula ripicola Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Paris, 1904b; Dusén, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

Hyophila

H. argentinica Thér. (Thériot, 1935b).

Distr. Southern South America (Bauer, 1934; Thériot, 1935b; Hosseus, 1936, 1937, 1938c, d, 1939; Kühnemann, 1938).

H. macrocarpa (Schimp.) Kindb.

Pottia macrocarpa

H. poeppigiana (C. Muell.) Jaeg.

Trichostomopsis australasiae

H. poeppigii C. Muell. ex Kindb.

Trichostomopsis australasiae

H. tortula (Schwaegr.) Hamp. (Hampe, 1846).

Syn. *Gymnostomum tortula* Schwaegr. (Schwaegrichen, 1826).

Distr. Southern South America (Herzog, 1952a).

Hypnodendron

H. arcuatum (Hedw.) Lindb. (Lindberg, 1861).

Syn. *Hypnum arcuatum* Hedw. (Hedwig, 1801).

Pterygophyllum arcuatum (Hedw.) Brid. (Bridel, 1827b).

Hypopterygium arcuatum (Hedw.) C. Muell. (Mueller, 1850).

Racopilum arcuatum (Hedw.) Jaeg. (Jaeger, 1876).

Hypnum spininervium Hook. (Hooker, 1818).

Rhizogonium spininervium (Hook.) Schimp. (Schimper in Mueller, 1847c).

Isothecium spininervium (Hook.) Wils. (Wilson, 1854).

Hypnodendron spininervium (Hook.) Reichdt. (Reichardt, 1870).

Isothecium spininervium (Hook.) Wils. var. *arcuatum* (Hook.) Wils. (Wilson, 1854).

Hypnodendron spininervium (Hook.) Reichdt. var. *arcuatum* (Hook.) Jaeg. (Jaeger and Sauerbeck, 1879a) *nom. illeg.*

Distr. Southern South America (Lorentz, 1866).

H. krausei (C. Muell.) Jaeg.

Hypnodendron microstictum

H. microstictum Mitt. (Mitten, 1869).

Syn. *Hypnum krausei* C. Muell. (Mueller, 1874).

Hypnodendron krausii (C. Muell.) Jaeg. (Jaeger and Sauerbeck, 1879a).

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Touw, 1971; Robinson, 1975).

Southern South America (Mitten, 1869; Mueller, 1874a; Jaeger and Sauerbeck, 1879a; Neger, 1899; Paris, 1904b; Cardot, 1908a; Herzog, 1923, 1938, 1939, 1954, 1960; Brotherus, 1924a; Reimers, 1926; Kühnemann, 1938; Bizot, 1967; Touw, 1971; Seki, 1974).

H. naumannii (C. Muell.) Kindb.

Poroathamnium arbusculans

H. spininervium (Hook.) Reichdt.

Hypnodendron arcuatum

var. *arcuatum* (Hedw.) Jaeg.

Hypnodendron arcuatum

Hypnodon

H. demissus C. Muell.

Rhachithecium perpusillum

H. perpusillus (Thwait. et Mitt.) C. Muell.

Rhachithecium perpusillum

Hypnopsis

H. schreberi (Brid.) Podp.

Pleurozium schreberi

Hypnum

- H. acacioides* (Schrad.) L. ex Turn.
H. acanthophyllum Mont.
H. aciculare Brid.
H. adianthoides (Hedw.) L. ex With.
H. aduncum Hedw.
 ssp. *polycarpum* (Voit) Meyl.
 var. *polycarpum* (Voit) B.S.G.
 var. *revolvens* (Sw.) Bland.
H. albicans Web. et Mohr
H. alopecurum L. ex Hedw. var. *flagelliferum* Mont. (Montagne, 1835).
 Distr. Juan Fernandez (Montagne, 1835).
H. altisetum (C. Muell.) Broth.
H. amblyostomum C. Muell.
 var. *attenuatifolium* C. Muell.
 var. *paludicola* C. Muell.

H. amoenum Hedw.
H. aquicola C. Muell.
H. arborescens C. Muell.
H. arbuscula P. Beauv.
H. arbusculans C. Muell.
H. arcuatum Hedw.
H. argentinicum C. Muell.
H. asplenioides (Hedw.) Dicks. ex With.
H. attenuatifolium C. Muell.
H. auriculatum Mont.
H. austro-fluviatile C. Muell.
H. austro-glareosum C. Muell.
H. austro-salebrosum C. Muell.
H. austro-serpens C. Muell.
H. austro-stramineum C. Muell.
 var. *gracillimum* C. Muell.
 var. *minus* Card.
 var. *subfluitans* C. Muell.
H. berteroanum Mont.
H. beskeanum C. Muell.
H. bimum (Schreb.) Web. et Mohr
H. brachiatum Mitt.
H. brachypelma C. Muell.
H. brachypodium C. Muell.
H. brachypus Hamp.
H. bracteatum C. Muell.
H. brevipes C. Muell.
H. bryoides (Hedw.) L. ex With.
- Fissidens osmundoides*
Eurhynchiella acanthophylla
Ptychomnion aciculare
Fissidens adianthoides
Drepanocladus aduncus
Drepanocladus aduncus var. *polycarpus*
Drepanocladus aduncus var. *polycarpus*
Drepanocladus revolvens
Pohlia wahlenbergii

Oxyrrhynchium altisetum
Haplocladium microphyllum
Haplocladium microphyllum
Haplocladium microphyllum

Rhaphidorrhynchium amoenum
Bryum sp.
Rigodium arborescens
Hypopterygium arbuscula
Porothamnium arbusculans
Hypnodendron arcuatum
Rigodium argentinicum
Fissidens asplenioides
Haplocladium microphyllum
Acrocladium auriculatum
Hygroamblystegium austro-fluviatile
Brachythecium austro-glareosum
Brachythecium austro-salebrosum
Haplocladium microphyllum
Calliergidium austro-stramineum
Calliergidium austro-stramineum var. *gracillimum*
Calliergidium austro-stramineum var. *minus*
Calliergidium austro-stramineum var. *subfluitans*
Catagoniopsis berteroana
Rhynchostegium beskeanum
Bryum pseudotriquetrum ssp. *bimum*
Drepanocladus brachiatus
Rigodium brachypodium
Rigodium brachypodium
Rhaphidorrhynchium brachypus
Sematophyllum bracteatum
Stereophyllum brevipes
Fissidens bryoides

- H. cacti* C. Muell. ***Isopterygium cacti***
H. cacticola C. Muell. ***Rhynchostegium cacticola***
H. caespiticium (Hedw.) Web. et Mohr ***Bryum caespiticium***
H. calerae C. Muell. ***Brachythecium calerae***
H. callichroum C. Muell. ***Catagonium politum* var. *phyllogonium***
H. callidum Mont. ***Rhaphidorrhynchium callidum***
H. campicola C. Muell. ***Leptodictyum campicola***
- H. campoanum*** (Thér.) Broth. (Brotherus, 1925).
 Syn. *Stereodon campoanus* Thér. (Thériot, 1918).
 Distr. Southern South America (Thériot, 1918; Campo, 1921; Brotherus, 1925; Herzog, 1938, 1954, 1960).
- H. camptorrhynchium* Hamp. ***Mittenothamnium camptorrhynchium***
H. chlamydophyllum Hook. f. et Wils. ***Acrocladium auriculatum***
- H. chrysogaster*** C. Muell. (Mueller, 1851a).
 Syn. *Hypnum cupressiforme* L. ex Hedw. var. *chrysogaster* (C. Muell.) Sains. (Sainsbury, 1952).
Hypnum lechleri C. Muell. (Mueller, 1856) *fide* Ando, 1972.
Stereodon lechleri (C. Muell.) Mitt. (Mitten, 1869) *fide* Ando, 1972.
Hypnum lechleri C. Muell. var. *fernandezianum* Gard. ex Thér. (Cardot ex Thériot, 1921b) *fide* Ando, 1976.
Hypnum sublimatum Lor. (Lorentz, 1866) *fide* Ando, 1976.
Ectropothecium sublimatum (Lor.) Par. (Paris, 1895) *fide* Ando, 1976.
Hypnum cupressoides Schimp. (Schimper *in* Lechler, 1857) *nom. nud.* *fide* Ando, 1976.
- Distr. Juan Fernandez (Jaeger and Sauerbeck, 1879a; Johow, 1896; Paris, 1904c; Skottsberg, 1914; Thériot, 1921b; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975; Ando, 1976).
 Southern South America (Mueller, 1856; Lechler, 1857; Lorentz, 1866; Mitten, 1869; Jaeger and Sauerbeck, 1879a; Paris, 1895, 1904b, c; Cardot, 1908a; Campo, 1915; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1960; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938; Seki, 1974; Ando, 1976).
- H. circinale*** Hook. (Hooker, 1819).
 Syn. *Hypnum circinnale* Hook. ex Macoun et Kindb. (Macoun and Kindberg, 1892).err
Drepanium circinale (Hook.) Roth (Roth, 1904).
 Distr. Juan Fernandez (Montagne, 1835; Johow, 1896; Paris, 1904c).
 Southern South America (Montagne, 1850; Mueller, 1851a).
- H. circinnale* Hook. ex Macoun et Kindb. ***Hypnum circinale***
H. cirrifolium (Arnott) Schwaegr. ***Sematophyllum cirrifolium***
H. clarazii Dub. ***Helicodontium clarazii***
H. clinocarpum Tayl. ***Oxyrrhynchium clinocarpum***
H. cochlearifolium Schwaegr. ***Weymouthia cochlearifolia***
H. complanum Mitt. ***Rhynchostegium complanum***
H. confertum Dicks. ***Rhynchostegium confertum***
H. confluens C. Muell. ***Sciaromium confluens***
H. conostomum Tayl. ***Brachythecium conostomum***
H. conostomum (Mont.) Mitt. ***Eriodon conostomus***
H. conspissatum Hook. f. et Wils. ***Sciaromium conspissatum***
H. corralense Lor. ***Oxyrrhynchium corralense***
H. crassiusculum Brid. ***Sematophyllum crassiusculum***
H. crinitifolium C. Muell. ***Leucomium crinitifolium***

H. cristatum Poir.	<i>Eriopus cristatus</i>
<i>H. crudum</i> (Hedw.) Web. et Mohr	<i>Pohlia cruda</i>
<i>H. cucullifolium</i> P. Beauv.	<i>Ptychomnion aciculare</i>
<i>H. cupressiforme</i> L. ex Hedw. (Hedwig, 1801).	
Syn. <i>Stereodon cupressiformis</i> (Hedw.) Brid. ex Mitt. (Bridel ex Mitten, 1859).	
<i>Cupressina cupressiformis</i> (Hedw.) C. Muell. (Mueller, 1896a).	
<i>Drepanium cupressiforme</i> (Hedw.) Roth (Roth, 1904).	
<i>Hypnum cupressiforme</i> L. ex Hedw. var. <i>tectorum</i> Brid. (Bridel, 1827b).	
Distr. Southern South America (Campo, 1915; Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Herzog, 1938, 1940; Kühnemann, 1938; Bartram, 1952; Seki, 1974).	
var. <i>chrysogaster</i> (C. Muell.) Sains.	<i>Hypnum chrysogaster</i>
var. <i>tectorum</i> Brid.	<i>Hypnum cupressiforme</i>
<i>H. cupressoides</i> Schimp.	<i>Hypnum chrysogaster</i>
<i>H. curtipendulum</i> (Hedw.) L. ex With.	<i>Antitrichia curtipendula</i>
<i>H. cuspidatum</i> Hedw.	<i>Calliergonella cuspidata</i>
<i>H. cygnisetum</i> C. Muell.	<i>Ptychomnion cygnisetum</i>
<i>H. delicatulum</i> Hedw.	<i>Thuidium recognitum</i> var. <i>delicatulum</i>
<i>H. densifolium</i> Brid.	<i>Ptychomnion densifolium</i>
<i>H. denticulatum</i> Hedw.	<i>Plagiothecium denticulatum</i>
var. <i>obtusifolium</i> Turn.	<i>Plagiothecium denticulatum</i> var. <i>obtusifolium</i>
<i>H. diminutivum</i> Hamp.	<i>Mittenothamnium diminutivum</i>
<i>H. dolomiticum</i> Mild.	<i>Hypnum revolutum</i> var. <i>dolomiticum</i>
<i>H. donnianum</i> Sm.	<i>Plagiothecium denticulatum</i> var. <i>obtusifolium</i>
<i>H. drepanocladoides</i> C. Muell.	<i>Rhynchostegium drepanocladoides</i>
<i>H. encalypratum</i> Schimp.	<i>Acrocladium auriculatum</i>
<i>H. eucalypratum</i> Lindb. ex Card.	<i>Acrocladium auriculatum</i>
<i>H. exannulatum</i> B.S.G.	<i>Drepanocladus exannulatus</i>
<i>H. falcatum</i> Brid.	see <i>Hypnum longifolium</i>
<i>H. fasciculatum</i> Hedw.	<i>Poroathamnium fasciculatum</i>
<i>H. filarium</i> (Mitt.) Hamp.	<i>Thuidiopsis furfurosa</i>
<i>H. filicinum</i> Hedw.	<i>Cratoneuron filicinum</i>
<i>H. filum</i> C. Muell.	<i>Hygroamblystegium filum</i>
<i>H. fissidens</i> C. Muell.	<i>Rhynchostegium fissidens</i>
<i>H. flagellare</i> Hedw.	<i>Brachythecium plumosum</i>
<i>H. fluitans</i> Hedw.	<i>Drepanocladus fluitans</i>
var. <i>australe</i> Card.	<i>Drepanocladus fluitans</i> var. <i>australe</i>
var. <i>falcifolium</i> Ren.	<i>Drepanocladus fluitans</i>
var. <i>laculosum</i> (C. Muell.) Par.	<i>Drepanocladus laculosus</i>
var. <i>polycarpon</i> (Voit) Fiedl.	<i>Drepanocladus aduncus</i> var. <i>polycarpus</i>
<i>H. fuegianum</i> (Mitt.) C. Muell.	<i>Drepanocladus fuegianus</i>
<i>H. fulvo-acutum</i> (C. Muell.) Par.	<i>Calliergonella cuspidata</i>
<i>H. furfurosum</i> Hook. f. et Wils.	<i>Thuidiopsis furfurosa</i>
<i>H. gayanum</i> (Mont.) Lor.	<i>Ptychomnion ptychocarpum</i>
<i>H. georgico-antarcticum</i> C. Muell.	<i>Plagiothecium georgico-antarcticum</i>

- H. georgico-glareosum* C. Muell.
H. georgico-uncinatum C. Muell.
H. glauco-virescens C. Muell.
H. globipyxis C. Muell.
H. gracile Hook. f et Wils.
H. gracile Par. (Paris, 1904c) *nom. nud.*
Syn. *Stereodon gracilis* Dus. (Dusén *in* Paris, 1904c) *nom. nud.*
Distr. Southern South America (Paris, 1904c).
H. gracilescens C. Muell.
H. harrisona Poir.
H. heufleri Jur.
H. homaliocaulon C. Muell.
H. hookeri Lindb.
H. implexum (Schwaegr.) C. Muell.
H. intermedium Lindb. var. *revolvens* (Sw.) San.
H. julaceum (Hedw.) Schleich.
H. kneiffii (B.S.G.) Schimp. var. *polycarpus* (Voit) Fam.
H. krausei C. Muell.
H. laculosum C. Muell.
H. lagurum Menz.
H. laterculi C. Muell.
H. lechleri C. Muell.
var. *fernandezianum* Card. ex Thér.
H. lepidopiloides C. Muell.
H. leptorhynchum Brid.
H. leucocytus C. Muell.
H. leucophyllum Hamp.
H. leucostegum (Brid.) C. Muell.
H. lithophilum Hook. f. et Wils.
H. longidens C. Muell.
H. longifolium Wils. (Wilson, 1855) *hom. illeg.*
Distr. Falkland Islands (Wilson and Hooker, 1847 (as *H. falcatum* Brid. *fide* Wilson, 1855); Wilson, 1855; Kühnemann, 1938 (as *H. falcatum* Brid. *fide* Wilson, 1855)).
H. longifolium (Mitt.) Jaeg.
H. loxense Hook.
H. lucidulum Hook. f. et Wils.
H. lucidum Hook. f. et Wils.
H. macroconum C. Muell.
var. *robustius* C. Muell.
H. magellanicum P. Beauv.
H. magellanicum C. Muell.
H. masafuerae Bartr. (Bartram, 1959).
Distr. Juan Fernandez (Bartram, 1959).
- Brachythecium austro-salebrosum*
Drepanocladus uncinatus
Rhynchostegium glauco-virescens
Rhynchostegium globipyxis
Camptochaete gracilis
Camptochaete gracilis
Neckeropsis undulata
Hypnum revolutum
Rhynchostegium homaliocaulon
Catagonium nitidum
Rigodium implexum
Drepanocladus revolvens
Leucodon julaceus
Drepanocladus aduncus var. *polycarpus*
Hypnodendron microstictum
Drepanocladus laculosus
Lepyrodon lagurus
Haplocladium microphyllum
Hypnum chrysogaster
Hypnum chrysogaster
Stereophyllum lepidopiloides
Rhaphidorrhynchium amoenum
Sematophyllum leucocytus
Isopterygium leucophyllum
Stereophyllum leucostegum
Drepanocladus secundifolius
Brachythecium longidens
Drepanocladus brachiatus
Sematophyllum caespitosum
Plagiothecium lucidulum
Plagiothecium lucidum
Brachythecium plumosum
Brachythecium macroconum var. *robustius*
Hookeria magellanica
Isopterygium fuegianum

H. micans Wils. var. *laxum* Hook. f.
H. microcarpoides C. Muell.
H. microphyllum Hedw.
H. micropyxis C. Muell.
H. mnioides Hook.
H. morenoi (C. Muell.) Par.
H. nanum C. Muell.
H. naumanii C. Muell.
H. neckera Schimp.
H. neckeraeforme Hamp.
H. neckeroides Hook.
H. neei Mohr
H. nematogonium C. Muell.
H. nigrescens Hedw.
H. nitidum (Hook. f. et Wils.) C. Muell.
H. obtusifolium (Turn.) Brid.
H. oligorrhizon Guemb.
H. ornithopodioides Brid.
H. orthocarpon Hornsch. ex C. Muell.
H. orthothecioides (Lindb.) Par.
H. pachyloma (Mont.) C. Muell.
H. pallens Schimp. ex Card.
H. paludicola C. Muell.
H. palustre (Hedw.) Web. et Mohr
H. pampae C. Muell.
H. panduraefolium C. Muell.
H. paradoxum Hook. f. et Wils.
 var. *leptocladum* C. Muell. (Mueller, 1889).
 Distr. Southern South America (Mueller, 1889).
H. parietinum Wahlenb.
H. patagonicum Brid.
H. patrisiae Brid.
H. pendulum (Brid.) C. Muell.
H. perplicatum Dus.
H. persistens C. Muell.
H. pervirens C. Muell.
H. phyllogonium C. Muell.
H. pinnicaule C. Muell.
H. piriforme Web. et Mohr ex Par.
H. plicatile (Mitt.) Lesq. et Jam. ssp. *revolutum* (Mitt.) Kindb.
H. plinthophilum C. Muell.
H. plumosum Hedw.
H. politum Hook. f. et Wils.
H. polycarpon Bland. ex Voit

Campochaete gracilis
Sematophyllum microcarpoides
Haplocladium microphyllum
Trichosteleum sp.
Rhizogonium mnioides
Pleurozium schreberi
Rhaphidostegium nanum
Poroathamnium arbusculans
Poroathamnium valdiviae
Poroathamnium neckeraeforme
Thamnium neckeroides
Rigodium implexum
Brachythecium nematogonium
Papillaria nigrescens
Catagonium nitidum
Plagiothecium denticulatum var. *obtusifolium*
Amblystegium serpens
Racopilum tomentosum
Plagiothecium orthocarpon
Drepanocladus uncinatus var. *subjulaceus*
Sciaromium pachyloma
Hypnum skottsbergii
Haplocladium microphyllum
Aulacomnium palustre
Rhynchostegium pampae
Poroathamnium panduraefolium
Brachythecium paradoxum

Pleurozium schreberi
Homalia glabella
Crossomitrium patrisiae
Helicodontium pendulum
Cratoneuron perplicatum
Haplocladium persistens
Helicodontium pervirens
Catagonium politum var. *phyllogonium*
Rhynchostegium pinnicaule
Leptobryum pyriforme
Hypnum revolutum
Mittenothamnium plinthophilum
Brachythecium plumosum
Catagonium politum
Drepanocladus aduncus var. *polycarpus*

- H. polygamum* (B.S.G.) Wils. ***Campylium polygamum***
H. polytrichoides Hedw. ***Lepidopilum polytrichoides***
H. pseudo-limnobium C. Muell. ***Helicodontium pseudo-limnobium***
H. pseudo-pallens Dus. (Dusén *in Paris*, 1905a) *nom. nud.*
Distr. Southern South America (Paris, 1905a).
 var. *gracile* Dus. (Dusén *in Paris*, 1905a) *nom. nud.*
Distr. Southern South America (Paris, 1905a).
H. pseudo-purum (C. Muell.) Par. ***Pseudoscleropodium pseudopurum***
H. pseudo-triquetrum (Hedw.) Web. et Mohr ***Bryum pseudotriquetrum***
H. ptychocarpum Schwaegr. ***Ptychomnion ptychocarpum***
H. purpurascens Brid. ***Rhacocarpus purpurascens***
H. pyriforme (Hedw.) Web. et Mohr ***Leptobryum pyriforme***
H. radicale P. Beauv. ***Campylium radicale***
H. raphidostegum C. Muell. ***Thuidium raphidostegum***
H. remotifolium Grev. ***Oxyrrhynchium clinocarpum***
H. reticulatum Hook. f. et Wils. ***Philonotis vagans***
- H. revolutum*** (Mitt.) Lindb. (Lindberg, 1866 [1867]).
Syn. *Stereodon revolutus* Mitt. (Mitten, 1859).
Drepanium revolutum (Mitt.) C. Jens. (Jensen *in Lange and Jensen*, 1887).
Hypnum plicatile (Mitt.) Lesq. et Jam. ssp. *revolutum* (Mitt.) Kindb. (Kindberg, 1897)
nom. illeg.
Hypnum heufleri Jur. (Juratzka, 1861).
Distr. Antarctic, peninsula region (Cardot, 1900, 1901, 1908a; Paris, 1905a; Steere, 1961a;
 Robinson, 1972; Ando, 1973).
 Antarctic, continental region (Bartram, 1957; Steere, 1961a).
 var. ***dolomiticum*** (Mild.) Moenk. (Mönkemeyer, 1927).
Syn. *Hypnum dolomiticum* Mild. (Milde, 1864a).
Distr. Antarctic, peninsula region (Ando, 1973).
- H. revolvens* Sw. ***Drepanocladus revolvens***
H. raphidostegum C. Muell. ex Par. ***Thuidium raphidostegum***
H. rigidum Schwaegr. ***Lepidopilum polytrichoides***
H. riparioides Hedw. ***Platyhypnidium riparioides***
H. riparium L. ex Hedw. ssp. *kochii* (B.S.G.) Boul. ***Leptodictyum kochii***
H. rivularioides C. Muell. ***Brachythecium rivularioides***
H. rostratum (Schrad.) Web. et Mohr ***Mnium rostratum***
H. rusciforme Brid. ***Platyhypnidium riparioides***
H. rutabulum Hedw. ***Brachythecium rutabulum***
H. sarmentosum Wahlenb. ***Calliergon sarmentosum***
H. scabrifolium Hook. f. et Wils. ***Philonotis scabrifolia***
H. schreberi Brid. ***Pleurozium schreberi***
H. sclerodontium C. Muell. ***Dimerodontium pellucidum***
H. scorpiurus Mont. ***Rhaphidorrhynchium scorpiurus***
H. secundifolium C. Muell. ***Drepanocladus secundifolius***
H. sellowianum C. Muell. ***Rhynchostegium sellowii***
H. sellowii Hornsch. ***Rhynchostegium sellowii***
H. semilunare C. Muell. ***Haplocladium microphyllum***

- H. semi-nerve* (Schwaegr.) C. Muell. ***Juratzkaea seminervis***
- H. semi-tortulum* C. Muell. ***Rhynchostegium semi-tortulum***
- H. sericeo-virens* C. Muell. ***Brachythecium sericeo-virens***
- H. serpens* Hedw. ***Amblystegium serpens***
- H. serrulatum* Hedw. ***Rhynchostegium serrulatum***
- H. simorhynchum* Hamp. ***Mittenothamnium simorhynchum***
- H. simplex* Brid. ***Sematophyllum subsimplex***
- H. skottsbergii* Ando (Ando, 1972) *nom nud.*
- Syn.* *Rhaphidostegium pallens* Dus. (Dusén, 1903a) *nom. nud.*
Stereodon pallens Broth. (Brotherus, 1908) *nom. nud.*
Hypnum pallens Schimp. ex Card. (Schimper ex Cardot, 1908a) *hom. illeg.*
- Distr.* Southern South America (Mueller, 1885; Dusén, 1903a; Paris, 1904c; Cardot, 1905a, 1908a; Brotherus, 1908, 1925; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1957, 1960; Thériot, 1934b; Kühnemann, 1938; Seki, 1974).
- H. smithii* Hedw. ***Leptodon smithii***
- H. sparsifolium* Hamp. ***Amblystegium sparsifolium***
- H. speciosum* C. Muell. ***Hypopterygium arbuscula***
- H. spegazzinii*** C. Muell. (Mueller, 1885).
- Syn.* *Brachythecium spegazzinii* (C. Muell.) Kindb. (Kindberg, 1888).
Stereodon spegazzinii (C. Muell.) Broth. (Brotherus, 1908).
- Distr.* Southern South America (Mueller, 1885; Paris, 1905a; Brotherus, 1908; Cardot, 1908a).
- H. spiniforme* Hedw. ***Rhizogonium spiniforme***
- H. spininervium* Hook. ***Hypnodendron arcuatum***
- H. squalidissimum* C. Muell. ***Brachythecium squalidissimum***
- H. squarroso-byssoides* (C. Muell.) Par. ***Campylium squarroso-byssoides***
- H. stenopyxidium* C. Muell. ***Sematophyllum stenopyxidium***
- H. stramineum* Dicks. ex Brid. ***Calliergon stramineum***
- H. strigosum* Hoffm. ex Web. et Mohr ***Eurhynchium pulchellum***
- H. subbasilare* Hook. ***Goniobryum subbasilare***
- H. sublimatum* Lor. ***Hypnum chrysogaster***
- H. subpilosum* Hook. f. et Wils. ***Brachythecium subpilosum***
- H. subplicatum* Hamp. ***Brachythecium subplicatum***
- H. subsimplex* Hedw. ***Sematophyllum subsimplex***
- H. sulphureum* Geh. et Hamp. ***Brachythecium sulphureum***
- H. symmetricum* (Ren. et Card.) Ren. et Card. ***Drepanocladus uncinatus* var. *symmetricus***
- H. tamariscinum* Hedw. ***Thuidium tamariscinum***
- var. *delicatulum* (Hedw.) Brid. ***Thuidium recognitum* var. *delicatulum***
- H. taxarion* Schwaegr. ex Mont. ***Rigodium toxarion***
- H. taxifolium* (Hedw.) L. ex With. ***Fissidens taxifolius***
- H. taylorii* Mitt. ***Brachythecium conostomum***
- H. tenerum* Sw. ***Isopterygium tenerum***
- H. tenuifolium* Hedw. ***Rhynchostegium tenuifolium***
- H. tenuirostre* (Schwaegr.) C. Muell. ***Helicodontium tenuirostre***
- H. thelistegum* C. Muell. ***Mittenothamnium diminutivum***
- H. thieleanum* C. Muell. ***Pinnatella thieleana***

<i>H. thouinii</i> Schwaegr.	<i>Hypopterygium arbuscula</i>
<i>H. tomentosum</i> Hedw.	<i>Racopilum tomentosum</i>
<i>H. torquatum</i> Hedw.	<i>Schlotheimia torquata</i>
<i>H. toxarion</i> Schwaegr.	<i>Rigidium toxarion</i>
<i>H. trichopodium</i> Schultz var. <i>kochii</i> Lindb. ex Par.	<i>Leptodictyum kochii</i>
<i>H. turbinatum</i> (Hedw.) Web. et Mohr	<i>Bryum turbinatum</i>
<i>H. uncinatum</i> Hedw.	<i>Drepanocladus uncinatus</i>
ssp. <i>symmetricum</i> Ren. et Card.	<i>Drepanocladus uncinatus</i> var. <i>symmetricus</i>
var. <i>cylindropyxis</i> Dus.	<i>Drepanocladus uncinatus</i> var. <i>symmetricus</i>
var. <i>orthothecioides</i> (Lindb.) Zett.	<i>Drepanocladus uncinatus</i> var. <i>subjulaceus</i>
var. <i>plumosum</i> Schimp.	<i>Drepanocladus uncinatus</i>
var. <i>subjulaceum</i> B.S.G.	<i>Drepanocladus uncinatus</i> var. <i>subjulaceus</i>
<i>H. unguiculatum</i> Hook. f. et Wils.	<i>Thuidiopsis furfurosa</i>
<i>H. valdiviae</i> C. Muell.	<i>Porothamnium valdiviae</i>
var. <i>pallidum</i> Lor.	<i>Porothamnium valdiviae</i> var. <i>pallidum</i>
<i>H. varium</i> (Hedw.) P. Beauv.	<i>Amblystegium varium</i>
<i>H. ventricosum</i> Web. et Mohr	<i>Bryum pseudotriquetrum</i>
<i>H. vesiculare</i> Schwaegr.	<i>Vesicularia vesicularis</i>
<i>H. wahlenbergii</i> Web. et Mohr	<i>Pohlia wahlenbergii</i>

Hypopterygium

H. arbuscula Brid. (Bridel, 1827b).

- Syn.** *Hypnum arbuscula* P. Beauv. (Palisot de Beauvois, 1805a) *hom. illeg.*
Hypnum speciosum C. Muell. (Mueller, 1844b [1845]) *hom. illeg.*
Hypopterygium speciosum C. Muell. (Mueller, 1844b [1845]).
Hypnum thounii Schwaegr. (Schwagrighen, 1830).
Hypopterygium thounii (Schwaegr.) Mont. (Montagne, 1845a).

Distr. Juan Fernandez (Brotherus, 1924a, b; Espinosa B., 1941; Bartram, 1959; Matteri, 1973b; Robinson, 1975).

Southern South America (Palisot de Beauvois, 1805a; Bridel, 1827b; Schwaegrighen, 1830; Mueller, 1844b, 1850, 1885; Montagne, 1845a, 1850, 1856; Wilson and Hooker, 1847; Lorentz, 1866; Mitten, 1869; Jaeger, 1876; Bescherelle, 1885a; Hariot, 1891; Eaton, 1892; Neger, 1899; Paris, 1905a; Cardot, 1908a; Campo, 1915, 1921; Thériot, 1915, 1918; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1957, 1960; Brotherus, 1924a; Reimers, 1926; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Matteri, 1973b, 1975a; Seki, 1974).

H. arcuatum (Hedw.) C. Muell.

Hypnodendron arcuatum

H. argentinicum Lor. ex C. Muell. (Lorentz ex Mueller, 1879a).

- Syn.** *Hypopterygium tamarisci* (Sw.) Brid. ex C. Muell. ssp. *argentinicum* (C. Muell.) Kindb. (Kindberg, 1901).

Distr. Southern South America (Mueller, 1879a; Kindberg, 1901; Paris, 1905a; Brotherus, 1925; Herter, 1933a, 1939a; Kühnemann, 1938; Herzog, 1952a).

H. concinnum (Hook.) Brid.

Lopidium concinnum

H. didictyon C. Muell. (Mueller, 1850).

- Distr.** Southern South America (Wilson and Hooker, 1847 (as *H. laricinum* fide Mueller, 1850); Mueller, 1850, 1885; Sullivant, 1859; Mitten, 1869; Jaeger, 1876; Bescherelle, 1889; Hariot, 1891; Neger, 1899; Kindberg, 1901; Cardot, 1905a, 1908a; Paris, 1905a; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1960; Thériot, 1924, 1934b; Brotherus, 1925; Kühnemann, 1938; Bartram, 1952; Matteri, 1973b, 1975a; Seki, 1974).

H. flavescens Hamp. (Hampe, 1847).

Distr. Southern South America (Herzog, 1952a).

H. flexisetum Hamp.

Lopidium concinnum

H. incrassato-limbatum C. Muell.

Hypopterygium laricinum ssp. **incrassato-limbatum**

H. krauseanum C. Muell.

Hypopterygium novae-seelandiae var. **chilensis**

H. laricinum (Hook.) Brid. ssp. **incrassato-limbatum** (C. Muell.) Kindb. (Kindberg, 1901).

Syn. *Hypopterygium incrassato-limbatum* C. Muell. (Mueller, 1850).

Distr. Southern South America (Krieger, 1904).

H. novae-seelandiae C. Muell. var. **chilensis** Lor. (Lorentz, 1866).

Syn. *Hypopterygium krauseanum* C. Muell. (Mueller in Kindberg, 1901).

Distr. Southern South America (Lorentz, 1866; Kindberg, 1901; Paris, 1905a).

H. pallens (Hook. f. et Wils.) Mitt.

Lopidium concinnum

ssp. **plumarium** (Mitt.) Kindb.

Lopidium concinnum

H. plumarium Mitt.

Lopidium concinnum

H. speciosum C. Muell.

Hypopterygium arbuscula

H. squarulosum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Herter, 1933a, 1943; Kühnemann, 1938 (as *H. squamulosum* C. Muell.); Hosseus, 1939).

H. tamarisci (Sw.) Brid. ex C. Muell. ssp. **argentinicum** (C. Muell.) Kindb.

Hypopterygium argentinicum

H. thouinii (Schwaegr.) Mont.

Hypopterygium arbuscula

H. tomentosum (Hedw.) C. Muell.

Racopilum tomentosum

H. uliginosum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

H. wolffhuegelii Herz. (Herzog, 1923).

Distr. Southern South America (Herzog, 1923; Brotherus, 1925).

Isopterygium

I. adflatum (C. Muell.) Par. (Paris, 1900a).

Syn. *Taxicaulis adflatus* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

I. arechavaletae Broth. (Brotherus in Krieger, 1904) *nom. nud.*

Distr. Southern South America (Krieger, 1904).

I. byssobolax (C. Muell.) Par. (Paris, 1900a).

Syn. *Taxicaulis byssobolax* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1918, 1925; Kühnemann, 1938).

I. cacti (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum cacti* C. Muell. (Mueller, 1879a).

Plagiothecium cacti (C. Muell.) Kindb. (Kindberg, 1891).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

***I. elegans* (Brid.) Lindb. var. *nanum* (Jur.) Jaeg. (Jaeger, 1878).**

- Syn.* *Plagiothecium nanum* Jur. (Juratzka in Milde, 1864b).
Isopterygium nanum (Jur.) Loesk. (Loeske, 1910) *nom. inval.*
Plagiothecium schimperi Jur. et Mild. var. *nanum* (Jur.) Walth. et Mol. (Walther and Molendo, 1868).
Plagiothecium elegans (Brid.) Sull. var. *nanum* (Jur.) Mol. (Molendo, 1875).

Distr. Falkland Islands (Cardot and Brotherus, 1923).

I. fernandezianum* Broth.**Isopterygium tenerum*****var. *longisetum* Broth. (Brotherus, 1924b).**

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959).

***I. fuegianum* Besch. (Bescherelle, 1889).**

- Syn.* *Plagiothecium fuegianum* (Besch.) Dus. (Dusén, 1903a).
Hypnum magellanicum C. Muell. (Mueller, 1885) *hom. illeg.*
Plagiothecium magellanicum Par. (Paris, 1896) *nom. illeg.*

Distr. Southern South America (Mueller, 1885; Bescherelle, 1889; Paris, 1896, 1905b; Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

***I. leptoplumosum* (Dus.) Card. (Cardot, 1908a).**

Syn. *Plagiothecium leptoplumosum* Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Kühnemann, 1938; Seki, 1974).

***I. leucophyllum* (Hamp.) Mitt. (Mitten, 1869).**

- Syn.* *Hypnum leucophyllum* Hamp. (Hampe in Mueller, 1851a).
Plagiothecium leucophyllum Hamp. (Hampe in Mueller, 1851a).

Distr. Southern South America (Mueller, 1851a; Mitten, 1869; Jaeger, 1878).

I. nanum* (Jur.) Loesk.**Isopterygium elegans* var. *nanum******I. pyrropus* (C. Muell.) Par. (Paris, 1900a).**

Syn. *Taxicaulis pyrropus* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

***I. saprophilum* (C. Muell.) Par. (Paris, 1900a).**

Syn. *Taxicaulis saprophilus* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

***I. tenerum* (Sw.) Mitt. (Mitten, 1869).**

- Syn.* *Hypnum tenerum* Sw. (Swartz, 1806b).
Isopterygium fernandezianum Broth. (Brotherus, 1924b) *fide* Robinson, 1975.

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b, 1925; Bartram, 1959; Robinson, 1975).

Isothecium

I. amoenum (Hedw.) Brid.

Rhaphidorrhynchium amoenum

I. cochlearifolium (Schwaegr.) Mitt.

Weymouthia cochlearifolia

I. gracile Hook. f. et Wils.

Camptochaete gracilis

I. molle (Hedw.) Mitt.

Weymouthia mollis

I. neckeroides (Hook.) Brid.

Thamnium neckeroides

I. orthocarpum Brid.

Plagiothecium orthocarpum

I. pendulum Brid.

Helicodontium pendulum

I. pumilum Hook. f. et Wils.

Thamnobryum pumilum

I. serpens Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Neger, 1899; Dusén, 1903a; Paris, 1905a; Seki, 1974).

I. spininervium (Hook.) Wils.

Hypnodendron arcuatum

var. *arcuatum* (Hedw.) Wils.

Hypnodendron arcuatum

I. subsimplex (Hedw.) Brid.

Sematophyllum subsimplex

I. tenuifolium (Hedw.) Brid.

Rhynchostegium tenuifolium

Juratzkaea

J. krausei (C. Muell.) Fleisch. (Fleischer, 1923).

Syn. *Fabroniella krausei* Lor. ex C. Muell. (Lorentz ex Mueller, 1875).

Stereophyllum krausei (C. Muell.) Broth. (Brotherus, 1907).

Distr. Southern South America (Mueller, 1875; Jaeger, 1878; Paris, 1904b; Brotherus, 1907, 1925; Campo, 1921 (as *Atereophyllum krausei* Lor.); Fleischer, 1923; Thériot, 1935).

J. membranosa Fleisch. (Fleischer, 1917) *nom. nud.*

Syn. *Cladomnion membranosum* Dus. (Dusén in Fleischer, 1917) *nom. nud.*

Distr. Southern South America (Fleischer, 1917).

J. seminervis (Schwaegr.) Lor. (Lorentz, 1866).

Syn. *Leskea seminervis* Kunz. ex Schwaegr. (Kunze ex Schwaegrichen, 1829).

Helicodontium seminerve (Schwaegr.) Schwaegr. (Schwaegrichen, 1830) *nom. inval.*

Hypnum semi-nerve (Schwaegr.) C. Muell. (Mueller, 1851a).

Stereophyllum seminerve (Schwaegr.) Mitt. (Mitten, 1869).

Distr. Southern South America (Schwaegrichen, 1829; Mueller, 1851a; Sullivant, 1859 (as *Pylaisea seminervis* Kunz.); Lorentz, 1866; Mitten, 1869; Reichardt, 1870; Jaeger, 1878; Paris, 1904b; Thériot, 1917b, 1918, 1921b, 1928; Campo, 1921; Costes, 1921; Herzog, 1923, 1938, 1952b, 1954; Brotherus, 1924a, c; Hosseus, 1938b; Espinosa B., 1941; Bartram, 1942, 1943, 1952).

var. ***arenicola*** Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

var. ***argentifica*** Thér. (Thériot in Bauer, 1931).

Distr. Southern South America (Bauer, 1931; Thériot, 1935b; Hosseus, 1936, 1937, 1938b, c, 1939; Kühnemann, 1938; Herzog, 1952a).

var. ***pilifera*** Thér. (Thériot in Verdoorn, 1938).

Distr. Southern South America (Verdoorn, 1938).

Kiaeria

K. starkei (Web. et Mohr) Hag. (Hagen, 1915).

Syn. *Dicranum starkei* Web. et Mohr (Weber and Mohr, 1807).

Oncophorus starkei (Web. et Mohr) Brid. (Bridel, 1826).

Distr. Southern South America (Wilson and Hooker, 1847 (as vars 1 and 2)).

Lamprophyllum hom. illeg.

L. crudum (Hedw.) Lindb.

Pohlia cruda

L. nutans (Hedw.) Lindb.

Pohlia nutans

Lamprophyllum hom. illeg.

L. splendidissimum (Mont.) Broth.

Schimperobryum splendidissimum

Lasia hom. illeg.

L. coronata (Mont.) C. Muell.

Forsstroemia coronata

L. orthotrichoides Raddi

Macrocoma orthotrichoides

L. subcoronata Besch.

Forsstroemia subcoronata

Leiotheca nom. rejic*L. filiformis* Brid.*L. microstoma* (Hook. et Grev.) Brid.*L. obtusifolia* (C. Muell.) Hamp.*L. urceolata* (Hook.) Brid.***Macrocoma orthotrichoides******Macromitrium microstomum******Drummondia obtusifolia******Macromitrium urceolatum*****Lembophyllum***L. auriculatum* (Mont.) Par.*L. cochlearifolium* (Schwaegr.) Lindb.***Acrocladium auriculatum******Weymouthia cochlearifolia*****Lepidopilum*****L. aurescens*** C. Muell. (Mueller, 1879a).*Distr.* Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938; Welch, 1969).*L. cristatum* (Hedw.) Hamp.***Eriopus cristatus******L. erectiusculum*** (Tayl.) Mitt. (Mitten, 1869).*Syn.* *Hookeria erectiuscula* Tayl. (Taylor, 1846).*Distr.* Southern South America (Mitten, 1869; Jaeger, 1877; Paris, 1905a; Brotherus, 1925; Welch, 1969).*L. incurvum* (Hornsch.) C. Muell.***Hookeriopsis incurva****L. patrisiae* (Brid.) Mitt.***Crossomitrium patrisiae******L. plebejum*** C. Muell. (Mueller, 1900).*Distr.* Southern South America (Welch, 1969).***L. polytrichoides*** (Hedw.) Brid. (Bridel, 1827b).*Syn.* *Hypnum polytrichoides* Hedw. (Hedwig, 1801).*Orthotrichum polytrichoides* (Hedw.) Brid. (Bridel, 1801a).*Neckera polytrichoides* (Hedw.) Web. et Mohr (Weber and Mohr, 1803).*Pilotrichum polytrichoides* (Hedw.) Brid. (Bridel, 1819).*Daltonia polytrichoides* (Hedw.) Arnott (Arnott, 1827).*Hookeria polytrichoides* (Hedw.) Spreng. (Sprengel, 1827).*Hypnum rigidum* Schwaegr. (Schwaegrichen, 1816).*Pterygophyllum rigidum* (Schwaegr.) Brid. (Bridel, 1819).*Hookeria rigida* (Schwaegr.) Arnott (Arnott, 1827).*Distr.* Southern South America (Paris, 1905a; Brotherus, 1925; Welch, 1969).***L. scabrisetum*** (Schwaegr.) Steere (Steere, 1948).*Syn.* *Neckera scabriseta* Schwaegr. (Schwaegrichen, 1816).*Pilotrichum scabrisetum* (Schwaegr.) Brid. (Bridel, 1819).*Lepidopilum subnerve* Brid. (Bridel, 1827b) *hom. illeg.**Distr.* Southern South America (Welch, 1969).*L. splendidissimum* (Mont.) Mitt.***Schimperobryum spendidissimum****L. subnerve* Brid.***Lepidopilum scabrisetum****L. uruguense* Broth. (Brotherus in Krieger, 1904) *nom. nud.**Distr.* Southern South America (Krieger, 1904).**Leptangium hom. illeg.***L. imbricatum* Mitt.***Lorentziella imbricata*****Leptobryum*****L. pottiaceum*** Dus. (Dusén, 1903a).*Syn.* *Wollnya pottiacea* (Dus.) Herz. (Herzog, 1954).

Distr. Southern South America (Dusén, 1903a, 1905d; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954).

L. pyriforme (Hedw.) Wils. (Wilson, 1855).

Syn. *Webera pyriformis* Hedw. (Hedwig, 1801).

Bryum pyriforme (Hedw.) Gaertn., Meyer and Scherb. (Gärtner and others, 1802) *hom. illeg.*

Bryum piriforme Par. (Paris, 1894) *err.*

Hypnum pyriforme (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Hypnum piriforme Web. et Mohr ex Par. (Weber and Mohr ex Paris, 1896) *err.*

Distr. Southern South America (Bescherelle, 1889; Dusén, 1903a, 1905d; Krieger, 1904; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938 (as *L. pysiforme* Dus.); Seki, 1974).

var. antarcticum Besch. (Bescherelle, 1889) *nom. nud.*

Syn. *Bryum pyriforme* (Hedw.) Gaertn., Meyer and Scherb. *var. antarcticum* C. Muell. (Mueller, 1885) *nom. nud.*

Distr. Southern South America (Mueller, 1885; Paris, 1905a; Cardot, 1908a; Kühnemann, 1938).

var. fuegianum Par. (Paris, 1896) *nom. nud.*

Syn. *Bryum pyriforme* (Hedw.) Gaertn., Meyer and Scherb. *var. fuegianum* C. Muell. (Mueller, 1889) *nom. nud.*

Distr. Southern South America (Mueller, 1889; Paris, 1905a; Cardot, 1908a).

L. wilsonii (Mitt.) Broth. (Brotherus, 1903).

Syn. *Bryum wilsonii* Mitt. (Mitten, 1851).

Webera wilsonii (Mitt.) Jaeg. (Jaeger, 1875).

Brachymenium wilsonii (Mitt.) Jaeg. (Jaeger, 1875).

Wollnya wilsonii (Mitt.) Herz. (Herzog, 1911).

Distr. Southern South America (Bartram, 1952; Herzog, 1954).

Leptochlaena hom. illeg.

L. chilensis Mont.

Mielichhoferia chilensis

Leptodictyum

L. brachypelmatum (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Amblystegium brachypelmatum* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1903; Brotherus, 1925; Hosseus, 1938c, d; Kühnemann, 1938).

L. campicola (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Hypnum campicola* C. Muell. (Mueller, 1879a).

Amblystegium campicola (C. Muell.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Mueller, 1879a; Paris, 1903; Kurtz, 1904; Brotherus, 1925; Herter, 1933a; Hosseus, 1935a, 1936, 1937; Kühnemann, 1938).

L. kochii (B.S.G.) Warnst. (Warnstorf, 1906).

Syn. *Amblystegium kochii* B.S.G. (Bruch and others, 1853).

Amblystegium riparium (Hedw.) B.S.G. *var. kochii* (B.S.G.) Buys. (Du Buysson, 1883).

Amblystegium riparium (Hedw.) B.S.G. *ssp. kochii* (B.S.G.) Ren. et Card. (Renauld and Cardot, 1893a).

Hypnum riparium L. ex Hedw. *ssp. kochii* (B.S.G.) Boul. (Boulay, 1884).

Amblystegium trichopodium (Schultz) Hartm. *var. kochii* (B.S.G.) Lindb. (Lindberg, 1872).

Amblystegium trichopodium (Schultz) Hartm. *ssp. kochii* (B.S.G.) Loesk. (Loeske, 1903).

Hypnum trichopodium Schultz *var. kochii* Lindb. ex Par. (Lindberg ex Paris, 1896) *err.*

Leptodictyum trichopodium (Schultz) Warnst. *var. kochii* (B.S.G.) Broth. (Brotherus, 1925).

Distr. Southern South America (Cardot and Brotherus, 1923).

L. riparium (Hedw.) Warnst. (Warnstorf, 1906).

var. *jaffuelii* (Thér.) Thér. (Thériot, 1934b [1935]).

Syn. *Amblystegium jaffuelii* Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924; Brotherus, 1925).

var. *looseri* Thér. (Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b).

L. trichopodium (Schultz) Warnst. var. *kochii* (B.S.G.) Broth.

Leptodictyum kochii

Leptodon

L. coronatus Mont.

Forsstroemia coronata

L. dillenii Lindb. (Lindberg, 1883).

Distr. Southern South America (Lindberg, 1883).

L. patagonicus C. Muell.

Leptodon smithii

L. smithii (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Syn. *Hypnum smithii* Hedw. (Hedwig, 1801).

Orthotrichum smithii (Hedw.) Brid. (Bridel, 1801a).

Pilotrichum smithii (Dicks.) P. Beauv. (Palisot de Beauvois, 1805a).

Pterigynandrum smithii (Hedw.) Lam. et Cand. (Lamarck and de Candolle, 1805).

Maschalocarpus smithii (Hedw.) Spreng. (Sprengel, 1827).

Neckera smithii (Hedw.) C. Muell. (Mueller, 1850).

Leptodon patagonicus C. Muell. (Mueller *in* Paris, 1905a) *nom. nud. fide* Thériot, 1929c.

Distr. Juan Fernandez (Johow, 1896; Paris, 1905a; Brotherus, 1924b; Bartram, 1959; Robinson, 1975).

Southern South America (Mitten, 1869; Paris, 1905a; Cardot, 1908a; Fleischer, 1917; Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1924; Roivainen, 1934; Herzog, 1938, 1954, 1960) Kühnemann, 1938;.

var. *longirepens* Card. et Thér. (Cardot and Thériot *in* Thériot, 1924).

Distr. Juan Fernandez (Thériot, 1924).

Leptodontium

L. arachnoideum C. Muell.

Leptodontium capituligerum

L. braunioides C. Muell.

Leptodontium pungens

L. bullockii Thér.

Leptostomum bullockii

L. capituligerum C. Muell. (Mueller, 1879a).

Syn. *Leptodontium arachnoideum* C. Muell. (Mueller, 1879a) *fide* Zander, 1972.

Leptodontium felipponei Broth. (Brotherus *in* Felippone, 1917) *fide* Zander, 1972.

Leptodontium gracile C. Muell. ex Britt. var. *gemmaescens* Bartr. (Bartram, 1936) *fide* Zander, 1972.

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Felippone, 1917; Brotherus, 1924a; Herter, 1933a; Hosseus, 1935b, 1937, 1938c, d, 1939; Bartram, 1936; Kühnemann, 1938; Zander, 1972; Seki, 1974).

L. chiloense C. Muell. (Mueller *in* Kindberg, 1889) *nom. nud.*

Distr. No locality given, see *Index muscorum*, 3, p. 233.

L. felipponei Broth.

Leptodontium capituligerum

L. fernandezianum Broth.

Leptodontium longicaule* var. *microruncinatum

L. filicaule Dus. (Dusén *in* Paris, 1905a) *nom. nud.*

Distr. Southern South America (Paris, 1905a).

L. filicola Herz. (Herzog, 1916a).

Distr. Southern South America (Zander, 1972).

L. gracile C. Muell. ex Britt. var. *gemmascens* Bartr.

Leptodontium capituligerum

L. gracile C. Muell. ex Britt. var. *gracilescens* Bartr. *nom. nud.*

Distr. Southern South America (Bartram, 1936; Hosseus, 1938c, 1939).

L. kurtzii Broth. (Brotherus *in* Kurtz, 1904) *nom. nud.*

Distr. Southern South America (Kurtz, 1904; Hosseus, 1936, 1937; Kühnemann, 1938).

L. longicaule Mitt. var. *microruncinatum* (Dus.) Zander (Zander, 1972).

Syn. *Barbula micro-runcinata* Dus. (Dusén, 1903a) *nom. nud. fide* Zander, 1972.

Leptodontium microruncinatum Dus. (Dusén, 1906) *fide* Zander, 1972.

Syntrichia micro-runcinata Dus. (Dusén *in* Paris, 1906) *nom. nud.*

Tortula micro-runcinata Par. (Paris, 1906) *nom. nud.*

Leptodontium fernandezianum Broth. (Brotherus, 1924b) *fide* Zander, 1972.

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Zander, 1972; Robinson, 1975).

Southern South America (Dusén, 1903a, 1906; Paris, 1906; Cardot, 1908a; Brotherus, 1924a; Thériot, 1925a; Herzog, 1938, 1954; Zander, 1972).

L. menziesii R. Brown ex Thér.

Leptostomum menziesii

L. microruncinatum Dus.

Leptodontium longicaule* var. *microruncinatum

L. orthotrichoides (C. Muell.) Par. (Paris, 1900a).

Syn. *Trichostomum orthotrichoides* C. Muell. (Mueller, 1874).

Zygodon orthotrichoides (C. Muell.) Broth. (Brotherus, 1918).

Zygodon palmarum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1906; Brotherus, 1918, 1925; Kühnemann, 1938).

L. pungens (Mitt.) Kindb. (Kindberg, 1888).

Syn. *Didymodon pungens* Mitt. (Mitten, 1863).

Trichostomum pungens (Mitt.) Par. (Paris, 1898).

Leptodontium braunioides C. Muell. (Mueller, 1879a) *fide* Zander, 1972.

Leptodontium skottsbergii Bartr. (Bartram, 1959) *fide* Zander, 1972.

Distr. Juan Fernandez (Bartram, 1959; Zander, 1972; Robinson, 1975).

Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938; Zander, 1972).

L. quennoae C. Muell.

Leptodontium viticulosoides* var. *viticulosoides

L. racomitrioides Lor. et C. Muell.

Leptodontium viticulosoides* var. *viticulosoides

L. rhacomitrioides Lor. et C. Muell.

Leptodontium viticulosoides* var. *viticulosoides

L. skottsbergii Bartr.

Leptodontium pungens

L. splachnoides (Hook. et Arnott) Thér.

Leptostomum splachnoides

L. viticulosoides (P. Beauv.) Wijk et Marg. (van der Wijk and Margadant, 1960a).

var. *viticulosoides*

Syn. *Neckera viticulosoides* P. Beauv. (Palisot de Beauvois, 1805a).

Leptodontium quennoae C. Muell. (Muller, 1879a) *fide* Zander, 1972.

Leptodontium rhacomitrioides Lor. et C. Muell. (Lorentz and Mueller *in* Mueller, 1879a).

Leptodontium racomitrioides Lor. et C. Muell. (Lorentz and Mueller *in* Kindberg, 1889) *err.*

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938; Zander, 1972).

L. zygodontoides C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Zander, 1972).

Leptohymenium*L. squarrosus* Hamp.***Erythrodonium squarrosus*****Leptopterigynandrum*****L. austro-alpinum*** C. Muell. (Mueller, 1879a).

Syn. Heterocladium austro-alpinum (C. Muell.) Broth. (Brotherus, 1907).
Pterigynandrum austro-alpinum C. Muell. (Mueller *in* Fleischer, 1912) *nom. nud.*

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1907, 1925; Fleischer, 1912, 1922; Kühnemann, 1938).

Leptostomum***L. bullockii*** (Thér.) Thér. (Thériot *in* Andrews, 1951 [1952]).*Syn. Leptodontium bullockii* Thér. (Thériot, 1929b).*Distr.* Southern South America (Thériot, 1929b, 1930; Andrews, 1951).***L. inclinans*** R. Brown (Brown, 1811).*Distr.* Southern South America (Montagne, 1850).***L. menziesii*** R. Brown (Brown, 1811).

Syn. Gymnostomum menziesii (R. Brown) Hook. (Hooker, 1820).
Leptodontium menziesii R. Brown *ex* Thér. (R. Brown *ex* Thériot, 1929b) *err.*

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Brown, 1811; Schwaegrichen, 1816, 1823; Hooker, 1820; Montagne, 1845b, 1850; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivant, 1859; Mitten, 1869; Jaeger, 1875; Bescherelle, 1889; Hariot, 1891; Neger, 1899; Cardot, 1900; 1901, 1908a, 1913a; Dusén, 1903a; Paris, 1905a; Spegazzini, 1922; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1954; Brotherus, 1924a; Thériot, 1929b; Roivainen, 1934; Kühnemann, 1938; Andrews, 1951; Bartram, 1952).

L. splachnoides Hook. et Arnott (Hooker and Arnott, 1832).

Syn. Leptodontium splachnoides (Hook. et Arnott) Thér. (Thériot, 1929a) *err.*
Leptostomum sulcinerve Kunz. (Kunze *in* Mueller, 1848a) *nom. nud.*

Distr. Southern South America (Hooker and Arnott, 1832; Schwaegrichen, 1842; Montagne, 1845b, 1850; Mueller, 1848a; Lorentz, 1866; Mitten, 1869; Jaeger, 1875; Paris, 1905a; Campo, 1921; Brotherus, 1924a; Thériot, 1929b, 1935a; Andrews, 1951; Herzog, 1954; Seki, 1974).

L. sulcinerve Kunz.***Leptostomum splachnoides*****Leptotheca*****L. gaudichaudii*** Schwaegr. (Schwaegrichen, 1824).

Syn. Bryum gaudichaudii (Schwaegr.) Spreng. (Sprengel, 1827).
Aulacomnium gaudichaudii (Schwaegr.) Mitt. (Mitten, 1856).
Brachymenium ovatum Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Hymenodon ovatus (Hook. f. et Wils.) C. Muell. (Mueller, 1851a).
Leptotheca spegazzinii C. Muell. (Mueller, 1885).

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Mueller, 1848a, 1885; Jaeger, 1875; Cardot, 1905a, 1908a; Paris, 1905b; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1939; Bartram, 1952; Seki, 1974).

Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1851a; Mitten, 1869; Jaeger, 1875; Cardot, 1905a, 1908a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

South Georgia (Clarke, 1973a).

L. spegazzinii C. Muell.***Leptotheca gaudichaudii****Leptotrichum hom. illeg.**L. affine* C. Muell.***Ditrichum difficile***

L. australe Mitt.
L. capillaceum (Hedw.) Mitt.
L. cylindricarpum C. Muell.
L. difficile (Dub.) C. Muell.
L. elongatum (Hook. f. et Wils.) Jaeg.
L. flexifolium Mitt.
L. glaciale C. Muell.
L. homomallum (Hedw.) Hamp.
L. hookeri C. Muell.
L. hyalinum Mitt.
L. jamesonii Mitt.
L. kunzeanum C. Muell.
L. laxifolium (Hook. f. et Wils.) C. Muell.
L. longisetum Lor.

L. lorifolium C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Syn. *Leptotrichum sericeum* Lor. (Lorentz *in* Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

L. montagnei C. Muell.
L. praealtum Mitt.
L. rufescens Hamp.
L. sericeum Lor.

Ditrichum strictum
Distichium capillaceum
Ditrichum cylindricarpum
Ditrichum difficile
Ditrichum cylindricarpum
Ditrichum difficile
Sarconeurum glaciale
Ditrichum heteromallum
Ditrichum hookeri
Ditrichum hyalinum
Anisothecium vaginatum
Microdus kunzeanus
Ditrichum difficile
Ditrichum longisetum

Lepyrodon

L. glaucus (C. Muell.) Kindb.

L. gunckelii Thér. (Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b).

L. hexastichus (Mont.) Wijk et Marg. (van der Wijk and Margadant, 1960b).

Syn. *Leucodon hexastichus* Mont. (Montagne, 1845a).
Neckera implexa C. Muell. (Mueller, 1850) *nom. illeg.*
Leucodon implexus Kunz. *ex* Hook. f. (Kunze *ex* Hooker, 1867) *nom. illeg.*
Lepyrodon implexus Kindb. (Kindberg, 1888) *nom. illeg.*
Neckera glauca C. Muell. (Mueller, 1859).
Leucodon glaucus (C. Muell.) Jaeg. (Jaeger, 1877).
Lepyrodon glaucus (C. Muell.) Kindb. (Kindberg, 1888).
Leucodon kunzeanus C. Muell. (Mueller, 1844b [1845]).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Thériot, 1927b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
 Southern South America (Mueller, 1844b, 1850, 1859; Montagne, 1845a, 1850, 1856; Jaeger, 1877; Dusén, 1903a; Paris, 1905a; Cardot, 1908a; Fleischer, 1917; Herzog, 1923, 1938, 1939, 1940, 1954, 1957, 1960; Thériot, 1924; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

L. implexus Kindb.

var. reptans Reim. (Reimers, 1926).

Distr. Southern South America (Reimers, 1926).

L. lagurus (Hook.) Mitt. (Mitten, 1869).

Syn. *Leucodon lagurus* Hook. (Hooker, 1819).
Hypnum lagurum Menz. (Menzies *in* Hooker, 1819) *nom. nud.*
Neckera lagura (Hook.) C. Muell. (Mueller, 1850).
Stereodon lagurus (Hook.) Mitt. (Mitten, 1860).
Hylocomium lagurus (Hook.) Kindb. (Kindberg, 1885).

Lepyrodon hexastichus

Distr. Southern South America (Hooker, 1819; Schwaegrichen, 1824; Bridel, 1827b; Montagne, 1845b, 1850; Wilson and Hooker, 1847; Mueller, 1850, 1885, 1889; Sullivant, 1859; Mitten, 1869; Jaeger, 1877; Beschereille, 1889; Neger, 1899; Cardot, 1900, 1901, 1905a, 1908a, 1913a; Dusén, 1903a, 1905d (as *Leptodon lagurus*); Paris, 1905a; Fleischer, 1917; Campo, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1939; Brotherus, 1925; Roivainen, 1934; Thériot, 1934b; Kühnemann, 1938; Bartram, 1952; Seki, 1974).
South Georgia (Cardot, 1906a, 1908a; Steere, 1961b).

var. laxior Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923).

L. parvulus Mitt. (Mitten, 1869).

Syn. *Leucodon parvulus* (Mitt.) Jaeg. (Jaeger, 1877).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1905a; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
Southern South America (Mitten, 1869; Jaeger, 1877; Fleischer, 1917; Brotherus, 1925; Herzog, 1939, 1954).

L. suborthostichus (C. Muell.) Hamp.

Lepyrodon tomentosus

L. tomentosus (Hook.) Mitt. (Mitten, 1869).

Syn. *Leucodon tomentosus* Hook. (Hooker, 1818).
Neckera tomentosa (Hook.) C. Muell. (Mueller, 1850).
Neckera suborthosticha C. Muell. (Mueller, 1850).
Leucodon suborthostichus (C. Muell.) De Not. (De Notaris, 1859).
Lepyrodon suborthostichus (C. Muell.) Hamp. (Hampe, 1862b).

Distr. Juan Fernandez (Brotherus, 1924, 1925; Bartram, 1959; Robinson, 1975).
Southern South America (Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Kurtz, 1904; Paris, 1905a; Campo, 1921; Cardot and Brotherus, 1923; Brotherus, 1925; Roivainen, 1934; Thériot, 1935a; Hosseus, 1936, 1937; Herzog, 1938, 1957, 1960; Kühnemann, 1938).

var. minor Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923).

var. patagonicus Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Seki, 1974).

Lescuraea

L. chilensis Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954).

Leskea

<i>L. albicans</i> Hedw.	<i>Cyclodictyon albicans</i>
<i>L. caespitosa</i> Hedw.	<i>Sematophyllum caespitosum</i>
<i>L. concinna</i> Hook.	<i>Lopidium concinnum</i>
<i>L. cristata</i> Hedw.	<i>Eriopus cristatus</i>
<i>L. distans</i> Mont.	<i>Glyphothecium gracile</i>
<i>L. fuegiana</i> Besch.	<i>Hygroamblystegium fuegianum</i>
<i>L. gayana</i> Mont.	<i>Ptychomnion ptychocarpum</i>
<i>L. glabella</i> Hedw.	<i>Homalia glabella</i>
<i>L. inclinata</i> (Brid.) Web. et Mohr	<i>Bryum inclinatum</i>
<i>L. julacea</i> Schwaegr.	<i>Myurella julacea</i>
<i>L. leucostega</i> Brid.	<i>Stereophyllum leucostegum</i>
<i>L. microphylla</i> (Hedw.) Sw.	<i>Haplocladium microphyllum</i>
<i>L. mollis</i> Hedw.	<i>Weymouthia mollis</i>

L. nitida Hook. f. et Wils.

Catagonium nitidum

L. ornithopodioides (Brid.) Brid.

Racopilum tomentosum

L. pellicula (C. Muell.) Broth. (Brotherus, 1907).

Syn. *Anomodon pellicola* C. Muell. (Mueller *in* Kindberg, 1891) *nom. nud.*
Anomodon pellicula C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1903; Brotherus, 1907, 1918, 1925; Kühnemann, 1938).

L. pellucida Hook.

Dimerodontium pellucidum

L. pseudo-leskeoides Broth. (Brotherus *in* Kurtz, 1904) *nom. nud.*

Distr. Southern South America (Kurtz, 1904; Hosseus, 1936, 1937; Kühnemann, 1938).

L. remotifolia C. Muell.

Meteoriopsis remotifolia

L. rutilans Brid.

Vesicularia vesicularis

L. seminervis Kunz. *ex* Schwaegr.

Juratzkaea seminervis

L. varia Hedw.

Amblystegium varium

Leskeadelphus

L. angustifolius Herz. (Herzog, 1952a).

Distr. Southern South America (Herzog, 1952a).

L. catenulatulus (C. Muell.) Herz. (Herzog, 1916a).

Syn. *Pseudoleskea catenulatula* C. Muell. (Mueller, 1897b).

Distr. Southern South America (Mueller, 1897a, b; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938).

Leucobryum

L. argenticum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Kühnemann, 1938).

L. crispum C. Muell. (Mueller, 1848a).

Distr. Southern South America (Hosseus, 1940).

L. giganteum C. Muell. (Mueller, 1848a).

Syn. *Leucobryum longifolium* Hamp. (Hampe, 1847) *hom. illeg.*

Distr. Southern South America (Jaeger, 1872, 1873).

L. longifolium Hamp.

Leucobryum giganteum

L. sordidum Aongstr. (Ångström, 1876a).

Distr. Southern South America (Hosseus, 1940).

Leucodon

L. coronatus (Mont) Mitt.

Forsstroemia coronata

L. curtispindulus (Hedw.) T. Jens.

Antitrichia curtispindula

L. felipponei Thér. (Thériot, 1939 [1941]).

Distr. Southern South America (Thériot, 1939).

L. glaucus (C. Muell.) Jaeg.

Lepyrodon hexastichus

L. gracilis Hamp.

Glyphothecium gracile

L. hexastichus Mont.

Lepyrodon hexastichus

L. implexus Kunz. *ex* Hook. f.

Lepyrodon hexastichus

L. julaceus (Hedw.) Sull. (Sullivant, 1846).

Syn. *Pterigynandrum julaceum* Hedw. (Hedwig, 1801).

Maschalocarpus julaceus (Hedw.) Spreng. (Sprengel, 1827).
Grimmia julacea (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Pterogonium julaceum (Hedw.) Schwaegr. (Schwaegrichen, 1811).
Hypnum julaceum (Hedw.) Schleich. (Schleicher, 1821) *hom. illeg.*
Fissidens julaceus (Hedw.) Lindb. (Lindberg, 1883).
Leucodontiella julacea (Hedw.) Nog. (Noguchi, 1947).

Distr. Southern South America (Hornschuch, 1820*b*; Bridel, 1827*b*; Montagne, 1850).

<i>L. kunzeanus</i> C. Muell.	<i>Lepyrodon hexastichus</i>
<i>L. lagurus</i> Hook.	<i>Lepyrodon lagurus</i>
<i>L. parvulus</i> (Mitt.) Jaeg.	<i>Lepyrodon parvulus</i>
<i>L. suborthostichus</i> (C. Muell.) De Not.	<i>Lepyrodon tomentosus</i>
<i>L. tomentosus</i> Hook.	<i>Lepyrodon tomentosus</i>

Leucodontella

<i>L. julacea</i> (Hedw.) Nog.	<i>Leucodon julaceus</i>
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Leucoloma

<i>L. alboalare</i> Dus.	<i>Dicranoloma hariotii</i>
<i>L. australe</i> (Besch.) Broth.	<i>Dicranoloma australe</i>
<i>L. billardieri</i> (Brid.) Broth.	<i>Dicranoloma billardieri</i>
<i>L. capillare</i> Dus.	<i>Dicranoloma capillare</i>
<i>L. capillifolium</i> Broth.	<i>Dicranoloma menziesii</i>
<i>L. dusenii</i> Broth.	<i>Dicranoloma dusenii</i>
<i>L. fuegianum</i> Dus.	<i>Dicranoloma hariotii</i>
var. <i>laxum</i> Dus.	<i>Dicranoloma hariotii</i>
<i>L. grandialare</i> Dus.	<i>Dicranoloma robustum</i>
<i>L. hariotii</i> (C. Muell.) Broth.	<i>Dicranoloma hariotii</i>
<i>L. imponens</i> (Mont.) Dus.	<i>Dicranoloma imponens</i>

L. longifolium (Brid.) Wijk et Marg. (van der Wijk and Margadant, 1960*b*).

Syn. *Trichostomum longifolium* Brid. (Bridel, 1806).
Didymodon longifolius (Brid.) Hook. f. et Wils. *hom. illeg.*

Distr. Juan Fernandez (Montagne, 1835, 1850; Johow, 1896).
 Southern South America (Wilson and Hooker, 1847).

<i>L. menziesii</i> (Hook. f. et Wils.) Broth.	<i>Dicranoloma menziesii</i>
<i>L. muelleri</i> Dus.	<i>Dicranoloma muelleri</i>
var. <i>strictifolium</i> Dus.	<i>Dicranoloma robustum</i> var. <i>strictifolium</i>
<i>L. nigricaula</i> (Aongstr.) Broth.	<i>Dicranoloma nigricaula</i>
var. <i>flexuosulum</i> Dus.	<i>Dicranoloma nigricaula</i> var. <i>flexuosulum</i>
var. <i>gracile</i> Dus.	<i>Dicranoloma capillare</i>
<i>L. perremotifolium</i> Dus.	<i>Dicranoloma perremotifolium</i>
var. <i>fragile</i> Dus.	<i>Dicranoloma perremotifolium</i> var. <i>fragile</i>
<i>L. peruncinatum</i> Dus.	<i>Dicranoloma nigricaula</i>
var. <i>gracile</i> Dus.	<i>Dicranoloma capillare</i>
<i>L. pungens</i> (Hook. f. et Wils.) Broth.	<i>Dicranoloma robustum</i>
<i>L. robustum</i> (Hook. f. et Wils.) Broth.	<i>Dicranoloma robustum</i>
var. <i>flexuosum</i> Dus.	<i>Dicranoloma australe</i>
var. <i>lagunicola</i> Dus.	<i>Dicranoloma imponens</i>
<i>L. setosum</i> (Hook. f. et Wils.) Broth.	<i>Dicranoloma robustum</i> var. <i>setosum</i>

L. suberectum (Hamp.) Broth.

Dicranoloma menziesii

L. subnigricaule Dus. (Dusén *in* Paris, 1905a) *nom. nud.*

Distr. Southern South America (Paris, 1905a).

L. syrrodictyon (C. Muell.) Broth.

Dicranum syrroodontoides

Leucomium

L. crinitifolium (C. Muell.) Mitt. (Mitten, 1869).

Syn. *Hypnum crinitifolium* C. Muell. (Mueller, 1851a).

Distr. Southern South America (Mueller, 1851a; Mitten, 1869; Jaeger, 1878; Paris, 1905a; Brotherus, 1925).

Limbella nom. nud.

L. confluens (C. Muell.) C. Muell.

Sciaromium confluens

L. conspissata (Hook. f. et Wils.) C. Muell.

Sciaromium conspissatum

L. conspissatula C. Muell.

Sciaromium conspissatulum

L. drepanophylloopsis C. Muell.

Sciaromium drepanophylloopsis

L. krauseana C. Muell.

Sciaromium krauseanum

L. negerii Broth. (Brotherus *in* Neger, 1899) *nom. nud.*

Distr. Southern South America (Neger, 1899).

L. pachyloma (Mont.) C. Muell.

Sciaromium pachyloma

L. pachylomata C. Muell.

Sciaromium pachylomatium

L. platylomata C. Muell.

Sciaromium platylomatium

Limnobryum

L. palustre (Hedw.) Rabenh.

Aulacomnium palustre

Limprichtia

L. revolvens (Sw.) Loesk.

Drepanocladus revolvens

Lindigia

L. lorentzii C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).

Lophiodon nom. rejic.

L. strictus Hook. f. et Wils.

Ditrichum strictum

Lopidium

L. concinnum (Hook.) Wils. (Wilson, 1854).

Syn. *Leskea concinna* Hook. (Hooker, 1818).

Hookeria concinna (Hook.) Hook. et Grev. (Hooker and Greville, 1825a).

Hypopterygium concinnum (Hook.) Brid. (Bridel, 1827b).

Lopidium pallens Hook. f. et Wils. (Hooker and Wilson *in* Wilson, 1854).

Hypopterygium pallens (Hook. f. et Wils.) Mitt. (Mitten, 1856).

Hypopterygium plumarium Mitt. (Mitten, 1869).

Lopidium plumarium (Mitt.) Hamp. (Hampe, 1879).

Hypopterygium pallens (Hook. f. et Wils.) Mitt. ssp. *plumarium* (Mitt.) Kindb. (Kindberg, 1901).

Hypopterygium flexisetum Hamp. (Hampe *in* Lorentz, 1866) *nom. nud.*

Lopidium flexisetum Fleisch. (Fleischer, 1922) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Matteri, 1973b; Robinson, 1975).

Southern South America (Montagne, 1850; Lorentz, 1866; Mitten, 1869; Jaeger, 1876; Neger, 1899; Kindberg, 1901; Paris, 1905a; Cardot, 1908a; Campo, 1915; Fleischer,

1922; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1960; Brotherus, 1925; Reimers, 1926; Thériot, 1934a; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

- L. flexisetum* Fleisch. ***Lopidium concinnum***
L. pallens Hook. f. et Wils. ***Lopidium concinnum***
L. plumarium (Mitt.) Hamp. ***Lopidium concinnum***

Lorentziella

- L. gibertii* C. Muell. ***Lorentziella imbricata***

L. glauca C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Jaeger and Sauerbeck, 1879b; Paris, 1905a; Roth, 1911; Brotherus, 1924a; Kühnemann, 1938).

- L. globiceps* C. Muell. ***Lorentziella imbricata***

L. imbricata (Mitt.) Broth. (Brotherus, 1903).

Syn. *Leptangium imbricatum* Mitt. (Mitten, 1869).
Gigaspermum imbricatum (Mitt.) Kindb. (Kindberg, 1888).
Lorentziella globiceps C. Muell. (Mueller, 1879a).
Lorentziella paraguensis Besch. (Bescherelle, 1877).
Lorentziella gibertii C. Muell. (Mueller, 1888).

Distr. Southern South America (Mitten, 1869; Gibert, 1873; Jaeger and Sauerbeck, 1879b; Mueller, 1879a, 1888; Paris, 1896, 1904b, 1905a; Brotherus, 1903, 1924a; Kurtz, 1904; Roth, 1911, 1913; Felippone, 1912; Herter, 1928, 1933a, b, 1939a; Hosseus, 1935b, 1937, 1938a, d; Kühnemann, 1938).

- L. paraguensis* Besch. ***Lorentziella imbricata***

L. uruguensis C. Muell. (Mueller *in* Bescherelle, 1877).

Distr. Southern South America (Jaeger and Sauerbeck, 1879b; Paris, 1905a).

Macrocoma

- M. filiforme* (Hook. et Grev.) Grout ***Macrocoma orthotrichoides***

M. hymenostomum (Mont.) Grout (Grout, 1946).

Syn. *Macromitrium hymenostomum* Mont. (Montagne, 1845a).
Macromitrium hariotii Besch. ex C. Muell. (Bescherelle ex Mueller, 1885).

Distr. Juan Fernandez (Brotherus, 1924b, 1925).
 Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849, 1885; Mitten, 1869; Jaeger, 1874; Bescherelle, 1885a, 1889; Paris, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

M. orthotrichoides (Raddi) Wijk et Marg. (van der Wijk and Margadant, 1962).

Syn. *Lasia orthotrichoides* Raddi (Raddi, 1823).
Chaetephora orthotrichoides (Raddi) Brid. (Bridel, 1827b).
Orthotrichum filiforme Hook. et Grev. (Hooker and Greville, 1824a) *nom. illeg.*
Macromitrium filiforme Schwaegr. (Schwaegrichen, 1826) *nom. illeg.*
Leiotheca filiformis Brid. (Bridel, 1826) *hom. illeg.*
Macrocoma filiforme (Hook. et Grev.) Grout (Grout, 1944) *nom. illeg.*
Macromitrium quinquefarium Hornsch. (Hornschuch, 1840).

Distr. Southern South America (Schwaegrichen, 1826; Bridel, 1827a; Montagne, 1839c, 1850; Hornschuch, 1840; Mueller, 1849; Mitten, 1869; Paris, 1905a; Felippone, 1912; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Herzog, 1952a).

M. sullivantii (C. Muell.) Grout (Grout, 1944).

Syn. *Macromitrium sullivanti* C. Muell. (Mueller, 1862).
Macromitrium paraphysatum Mitt. (Mitten, 1869) *fide* Vitt, 1973.
Macromitrium paraphysatum Mitt. var. *chilense* Thér. (Thériot, 1921a) *fide* Vitt, 1973.

Distr. Juan Fernandez (Robinson, 1975).
Southern South America (Mitten, 1869; Jaeger, 1874; Paris, 1905a; Thériot, 1921a; Brotherus, 1925).

Macromitrium

M. aciculare Brid.

see **Macromitrium filicaule**

M. anacamptophyllum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Kühnemann, 1938).

M. angulicaule C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

M. apiculatum (Hook.) Schwaegr.

Groutiella apiculata

M. bifasciculare C. Muell. ex Dus. (Mueller ex Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Kühnemann, 1938).

M. bifasciculatum C. Muell. (Mueller, 1898a).

Distr. Southern South America (Mueller, 1898a; Paris, 1900a, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925).

M. campoanum Thér. (Thériot in Herzog, 1938).

Distr. Southern South America (Herzog, 1938).

M. coriaceum Bartr.

Macromitrium tenax

M. crassiusculum Lor. (Lorentz, 1866).

Distr. Southern South America (Lorentz, 1866; Jaeger, 1874; Paris, 1905a; Brotherus, 1925; Thériot, 1925a; Herzog, 1938, 1960).

M. didymodon Schwaegr.

Macromitrium richardii

M. fernandezianum Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

M. filicaule C. Muell. (Mueller, 1849).

Distr. Juan Fernandez (? Montagne, 1835 (as *M. aciculare* Brid.)).
Southern South America (Paris, 1905a).

M. filiforme Schwaegr.

Macrocoma orthotrichoides

M. fimbriatum (P. Beauv.) Schwaeg. (Schwaegrichen, 1823).

Syn. *Orthotrichum fimbriatum* P. Beauv. (Palisot de Beauvois, 1805a).

Distr. Juan Fernandez (Montagne, 1850; Johow, 1896).

M. gracillimum (Besch.) Broth. (Brotherus, 1902).

Syn. *Schlotheimia gracillima* Besch. (Bescherelle, 1885a).

Distr. Southern South America (Bescherelle, 1885a, 1889; Brotherus, 1902, 1925; Paris, 1905b; Cardot, 1908a; Herzog, 1926, 1954; Kühnemann, 1938; Seki, 1974).

M. hariotii Besch. ex C. Muell.

Macrocoma hymenostomum

M. hymenostomum Mont.

Macrocoma hymenostomum

M. jamesonii (Arnott) C. Muell.

Schlotheimia jamesonii

M. krausei Lor. (Lorentz, 1866).

Distr. Southern South America (Lorentz, 1866; Jaeger, 1874; Mueller, 1885; Cardot, 1908a; Brotherus, 1925; Herzog, 1938; Bartram, 1952).

M. linearifolium C. Muell.

Schlotheimia linearifolia

- M. longipes*** (Hook.) Schwaegr. (Schwaegrichen, 1824).
 Syn. *Orthotrichum longipes* Hook. (Hooker, 1818).
 Distr. Southern South America (Wilson and Hooker, 1847).
- M. longirostre*** (Hook.) Schwaegr. (Schwaegrichen, 1823).
 Syn. *Orthotrichum longirostre* Hook. (Hooker, 1818).
 Distr. Southern South America (Mitten, 1869; Paris, 1905a; Brotherus, 1925).
- M. macrocomoides*** C. Muell. (Mueller, 1898a).
 Distr. Southern South America (Mueller, 1898a; Paris, 1900a, 1905a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).
- M. masafuerae*** Broth. (Brotherus, 1924b).
 Distr. Juan Fernandez (Brotherus, 1924b, 1925; Bartram, 1959; Robinson, 1975).
- M. microcarpum*** C. Muell. (Mueller, 1849).
 Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1905a; Brotherus, 1925; Thériot, 1935a; Herzog, 1939, 1960; Bartram, 1952).
- M. microstomum*** (Hook. et Grev.) Schwaegr. (Schwaegrichen, 1827a).
 Syn. *Orthotrichum microstomum* Hook. et Grev. (Hooker and Greville, 1824a).
Leiotheca microstoma (Hook. et Grev.) Brid. (Bridel, 1826).
Macromitrium saxatile Mitt. (Mitten, 1869) *fide* Robinson, 1975.
 Distr. Juan Fernandez (Montagne, 1835; Mitten, 1869, 1885; Jaeger, 1874; Johow, 1896; Paris, 1905a; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
- M. ottonis*** (Schwaegr.) C. Muell. ***Schlotheimia torquata***
- M. papillosum*** Thér. (Thériot *in* Herzog, 1938).
 Distr. Southern South America (Herzog, 1938, 1954).
- M. paraphysatum*** Mitt. ***Macrocoma sullivantii***
 var. *chilense* Thér. ***Macrocoma sullivantii***
- M. pertriste*** C. Muell. (Mueller, 1898a).
 Distr. Southern South America (Mueller, 1898a; Paris, 1900a, 1905a; Thériot, 1921a, 1934b; Brotherus, 1925).
- M. poeppigii*** Dub. ***Zygodon pentastichus***
- M. pseudoserrulatum*** Bartr. (Bartram, 1965).
 Distr. Southern South America (Bartram, 1965).
- M. quinquefarium*** Hornsch. ***Macrocoma orthotrichoides***
- M. richardii*** Schwaegr. (Schwaegrichen, 1826).
 Syn. *Macromitrium didymodon* Schwaegr. (Schwaegrichen, 1827a).
 Distr. Southern South America (Krieger, 1904).
- M. saddleanum*** Besch. ex C. Muell. (Bescherelle ex Mueller, 1885).
 Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1885; Paris, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Herzog, 1938, 1954; Kühnemann, 1938).
- M. saxatile*** Mitt. ***Macromitrium microstomum***
- M. spurio-crispulum*** Dus. (Dusén, 1903a) *nom. nud.*
 Distr. Southern South America (Dusén, 1903a; Paris, 1905a).

M. subpiliferum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

M. sullivantii C. Muell.

Macrocoma sullivantii

M. tenax C. Muell. (Mueller, 1884 [1883]).

Syn. *Macromitrium coriaceum* Bartr. (Bartram, 1946) *fide* Seki, 1974.

Distr. Southern South America (Mueller, 1884, 1885, 1889; Dusén, 1903a; Paris, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938; Bartram, 1946; Seki, 1974).

var. *theriotii* Card. (Cardot, 1908a).

Syn. *Macromitrium theriotii* Card. (Cardot, 1908a) *nom. inval.*

Distr. Southern South America (Cardot, 1908a).

M. theriotii Card.

Macromitrium tenax* var. *theriotii

M. tomentosum Hornsch.

Groutiella tomentosa

M. torquatum (Hedw.) C. Muell.

Schlotheimia torquata

M. trichomitrium (Schwaegr.) C. Muell.

Schlotheimia trichomitria

M. urceolatum (Hook.) Brid. (Bridel, 1826).

Syn. *Orthotrichum urceolatum* Hook. (Hooker, 1819).
Leiotheca urceolata (Hook.) Brid. (Bridel, 1826).

Distr. Juan Fernandez (Montagne, 1835; Johow, 1896).
Southern South America (Montagne, 1850).

***Macromitrium* sp.**

Syn. *Zygodon hatcheri* Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

Maschalocarpus *nom. illeg.*

M. julaceus (Hedw.) Spreng.

Leucodon julaceus

M. smithii (Hedw.) Spreng.

Leptodon smithii

Meesia

M. alpina Funck ex Bruch

Meesia uliginosa* var. *alpina

M. austro-georgica C. Muell.

Philonotis acicularis

M. hymenostoma Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

M. patagonica Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Brotherus, 1924a; Kabiersch, 1937; Kühnemann, 1938).

M. stygia (Sw.) Brid.

Cinclidium stygium

M. trichodes Spruc. var. *alpina* (Bruch) Braithw.

Meesia uliginosa* var. *alpina

M. uliginosa Hedw. var. *alpina* (Bruch) Hamp. (Hampe, 1837a).

Syn. *Meesia alpina* Funck ex Bruch (Funck ex Bruch, 1826).
Meesia trichodes Spruc. var. *alpina* (Bruch) Braithw. (Braithwaite, 1895).

Distr. Southern South America (Cardot and Brotherus, 1923; Kabiersch, 1937; Kühnemann, 1938).

M. vagans (Hook. f. et Wils.) C. Muell.

Philonotis vagans

Meteoriopsis

M. ambigua (Hornsch.) Broth. (Brotherus, 1906).

Syn. *Pilotrichum ambiguum* Hornsch. (Hornschuch, 1840).
Meteorium ambiguum (Hornsch.) Mitt. (Mitten, 1869).

Distr. Southern South America (Hampe, 1879).

M. characea (C. Muell.) Broth. (Brotherus, 1906).

Syn. *Neckera characea* C. Muell. (Mueller, 1879a).
Pilotrichella characea (C. Muell.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1906, 1925;
Kühnemann, 1938).

var. nigrescens (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1962).

Syn. *Neckera characea* C. Muell. var. *nigrescens* C. Muell. (Mueller, 1879a).
Pilotrichella characea (C. Muell.) Kindb. var. *nigrescens* (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879a; Paris, 1897, 1905b).

var. tenuis (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1962).

Syn. *Neckera characea* C. Muell. var. *tenuis* C. Muell. (Mueller, 1879a).
Pilotrichella characea (C. Muell.) Kindb. var. *tenuis* (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879a; Paris, 1897, 1905b).

M. decurrens (Broth.) Broth. (Brotherus, 1906).

Syn. *Meteorium decurrens* Broth. (Brotherus, 1900).

Distr. Southern South America (Herzog, 1952a).

M. implanata (Mitt.) Broth. (Brotherus, 1906b).

Syn. *Meteorium implanatum* Mitt. (Mitten, 1869).

Distr. Southern South America (Herzog, 1952a).

M. onusta (Mitt.) Broth. (Brotherus, 1906b).

Syn. *Meteorium onustum* Spruc. ex Mitt. (Spruce ex Mitten, 1869).

Distr. Southern South America (Herzog, 1952a).

M. piligera (C. Muell.) Broth. (Brotherus, 1906b).

Syn. *Meteorium piligerum* C. Muell. (Mueller, 1901b).

Distr. Southern South America (Herzog, 1952a).

M. remotifolia (C. Muell.) Broth. (Brotherus, 1906b).

Syn. *Leskea remotifolia* C. Muell. (Mueller, 1847a [1846]).

Distr. Southern South America (Hosseus, 1940).

M. straminea (C. Muell.) Broth. ex Par. (Brotherus ex Paris, 1909).

Syn. *Pilotrichum stramineum* C. Muell. (Mueller, 1850).
Meteorium stramineum (C. Muell.) Mitt. (Mitten, 1869).

Distr. Southern South America (Mueller, 1850; Mitten, 1869; Jaeger, 1877; Paris, 1905a;
Brotherus, 1925).

Meteorium

M. ambiguum (Hornsch.) Mitt.

M. ancistrodes (Mont.) Par.

M. billardieri (Hamp.) Mitt.

M. decurrens Broth.

M. excavatum Mitt.

Meteoriopsis ambigua

Ancistrodes genuflexa

Weynouthia cochlearifolia* var. *billardieri

Meteoriopsis decurrens

Orthostichidium pentagonum

- M. filipendulum* Hook. f. et Wils. ***Papillaria flexicaulis***
M. flexicaule Wils. ***Papillaria flexicaulis***
M. genuflexum (C. Muell.) Mitt. ***Ancistrodes genuflexa***

M. illecebrinum (C. Muell.) Broth. (Brotherus, 1925).

- Syn. Neckera illecebrina* C. Muell. (Mueller, 1879a).
Pilotrichella illecebrina (C. Muell.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).

M. implanatum Mitt.

Meteoriopsis implanata

M. lorentzii C. Muell.

Squamidium lorentzii

M. medium (Aongstr.) Broth. (Brotherus, 1906b).

Syn. Papillaria media Aongstr. (Ångström, 1876a).

Distr. Southern South America (Herter, 1933a).

M. molle Wils.

Weymouthia mollis

M. onustum Spruc. ex Mitt.

Meteoriopsis onusta

M. piligerum C. Muell.

Meteoriopsis piligera

M. stramineum (C. Muell.) Mitt.

Meteoriopsis straminea

M. striatum Lindb. (Lindberg, 1864b [1865]).

Distr. Southern South America (Lindberg, 1864b; Paris, 1905a).

Microdus

M. euchlorus (Mont.) Besch. (Bescherelle in Paris, 1896).

- Syn. Dicranum euchlorum* Mont. (Montagne, 1845a).
Aongstroemia euchlora (Mont.) C. Muell. (Mueller, 1848a).
Dicranella euchlora (Mont.) Lor. (Lorentz, 1866).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Lorentz, 1866; Mitten, 1869; Jaeger, 1872; Paris, 1896, 1905a).

M. hilarianus (Mont.) Besch.

Dicranella hilariana

M. kunzeanus (C. Muell.) Broth. (Brotherus, 1924a).

- Syn. Leptotrichum kunzeanum* C. Muell. (Mueller, 1847c).
Seligeria kunzeana (C. Muell.) C. Muell. (Mueller, 1848a).
Dicranella kunzeana (C. Muell.) Mitt. (Mitten, 1869).
Seligeria kunzei Kindb. (Kindberg, 1888) *nom. illeg.*
Weisia tenuis Kunz. ex Mont. (Kunze ex Montagne, 1850) *hom. illeg.*
Microdus tenuis Par. (Paris, 1896) *nom. illeg.*

Distr. Southern South America (Mueller, 1847c, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1896, 1905; Brotherus, 1924a).

M. tenuirostris (Schwaegr.) Besch.

Dicranella hilariana

M. tenuis Par.

Microdus kunzeanus

Micromitrium

M. tomentosum (Hornsch.) Par.

Groutiella tomentosa

Microthamnium

M. flavidum Aongstr.

Mittenothamnium simorhynchum

M. gracile (Hook. f. et Wils.) Jaeg.

Camptochaete gracilis

M. humile Besch.

Mittenothamnium humile

M. hylophilum C. Muell.

Mittenothamnium hylophilum

M. longo-reptans C. Muell.

Mittenothamnium longoreptans

M. plinthophilum (C. Muell.) Par.

Mittenothamnium plinthophilum

M. pseudo-elegans C. Muell.

Mittenothamnium pseudo-elegans

M. pumilum (Hook. f. et Wils.) Jaeg.

Thamnobryum pumilum

M. sellovii (Hornsch.) Mitt.

Mittenothamnium sellovii

M. tapes C. Muell.

Mittenothamnium tapes

M. thelistegum (C. Muell.) Mitt.

Mittenothamnium diminutivum

M. widgrenii Aongstr.

Mittenothamnium camptorhynchium

Mielichhoferia

M. acuminata C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. auriseta C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

var. *alpina* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a).

M. austro-georgica C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Paris, 1905a; Cardot, 1908a; Steere, 1961b; Clarke, 1973a).

M. brevicaulis Hornsch. (Hornschuch, 1840).

Distr. Southern South America (Hornschuch, 1840; Mueller, 1848a; Montagne, 1850; Mitten, 1869; Gibert, 1873; Jaeger, 1875; Krieger, 1904; Paris, 1905a; Brotherus, 1924a; Herter, 1933a).

M. chilensis (Mont.) Mitt. (Mitten, 1869).

Syn. *Leptochlaena chilensis* Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Mitten, 1869; Jaeger, 1875; Paris, 1905a; Brotherus, 1924a; Espinosa B., 1924).

M. coarctata C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. cygnicolla Hamp.

Anomobryum cygnicollum

M. demissa C. Muell. (Mueller, 1858).

Distr. Southern South America (Mueller, 1858; Jaeger, 1875; Paris, 1905a; Brotherus, 1924a).

M. emergens (C. Muell.) Broth. (Brotherus, 1904).

Syn. *Bryum emergens* C. Muell. (Mueller, 1879a).

Webera emergens (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1904; Paris, 1905a; Kühnemann, 1938).

M. fulvonitens Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

M. gayana Card.

Mielichhoferia pleurogyna

M. humipetens (C. Muell.) Par.

Haplodontium humipetens

M. immersidens C. Muell. (Mueller, 1879a).

Distr. Southern South America (Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. leptoclada C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. longiseta C. Muell. (Mueller, 1848a).

Syn. *Bryum nutans* (Hedw.) Turn. var. *minus* Hook. (Hooker in Kunth, 1822).
Webera nutans Hedw. var. *minor* (Hook.) Brid. (Bridel, 1827a).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1905a; Brotherus, 1924b; Robinson, 1975).

M. lorentziana C. Muell. (Mueller, 1879a).

Syn. *Mielichhoferia lorentzii* C. Muell. ex Kindb. (Mueller ex Kindberg, 1889) *nom. illeg.*

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Brotherus, 1924a; Hosseus, 1936, 1937; Kühnemann, 1938).

M. lorentzii C. Muell. ex Kindb.

Mielichhoferia lorentziana

M. manca (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum mancum* C. Muell. (Mueller, 1879a).
Webera manca (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1903, 1924a; Paris, 1906; Kühnemann, 1938).

M. micropoma C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

var. brunnescens C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a).

M. multiflora Bartr. (Bartram, 1946).

Distr. Southern South America (Roivainen, 1934; Bartram, 1946).

M. ochracea C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. pampae C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. patagonica C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a).

M. pernana (C. Muell.) Par.

Haplodontium sanguinolentum

var. *robustior* (C. Muell.) Par.

Haplodontium pernana* var. *robustior

M. pleurogena Mont. ex C. Muell.

Mielichhoferia pleurogyna

M. pleurogyna Mont. (Montagne, 1845a).

Syn. *Mielichhoferia pleurogena* Mont. ex C. Muell. (Montagne ex Mueller, 1848c) *err.*
Mielichhoferia gayana Card. (Cardot in Thériot, 1921b) *nom. nud.*

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a, c; Lorentz, 1866; Mitten, 1869; Jaeger, 1875; Paris, 1905a; Thériot, 1921b, 1934b; Brotherus, 1924a; Looser, 1932; Bartram, 1952).

M. pohlioidea C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Brotherus, 1924a; Hosseus, 1936, 1937, 1938c, d; Kühnemann, 1938).

M. pulchra Broth. (Brotherus *in* Felippone, 1909).

Distr. Southern South America (Felippone, 1909; Brotherus, 1924a; Herter, 1933a; Herzog, 1952a).

M. sanguinolenta (C. Muell.) Par.**Haplodontium sanguinolentum****M. serridens** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

M. skottsbergii Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

M. spegazzinii C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Paris, 1905a; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

M. subpohlioidea Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924a; Hosseus, 1936, 1937; Kühnemann, 1938).

M. ulei C. Muell. (Mueller, 1898c).

Distr. Southern South America (Herter, 1943).

M. uruguayensis Besch. (Bescherelle *in* Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

Mittenothamnium**M. camptorrhynchium** (Hamp.) Card. (Cardot, 1913b).

Syn. *Hypnum camptorrhynchium* Hamp. (Hampe, 1870).
Microthamnium widgrenii Aongstr. (Ångström, 1876a) *nom. illeg.*

Distr. Southern South America (Krieger, 1904).

M. diminutivum (Hamp.) Britt. (Britton, 1914).

Syn. *Hypnum diminutivum* Hamp. (Hampe, 1847).
Hypnum thelistegum C. Muell. (Mueller, 1851a).
Microthamnium thelistegum (C. Muell.) Mitt. (Mitten, 1869).

Distr. Southern South America (Hosseus, 1940; Herter, 1943; Herzog, 1952a).

M. humile (Besch.) Card. (Cardot, 1913b).

Syn. *Microthamnium humile* Besch. (Bescherelle, 1877).
Stereohypnum humile (Besch.) Herz. (Herzog, 1909).

Distr. Southern South America (Brotherus, 1918, 1925; Kühnemann, 1938).

M. hylophilum (C. Muell.) Card. (Cardot, 1913b).

Syn. *Microthamnium hylophilum* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).

M. longoreptans (C. Muell.) Card. (Cardot, 1913b).

Syn. *Microthamnium longo-reptans* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

M. plinthophilum (C. Muell.) Card. (Cardot, 1913b).

Syn. *Hypnum plinthophilum* C. Muell. (Mueller, 1879a).
Microthamnium plinthophilum (C. Muell.) Par. (Paris, 1896).

Distr. Southern South America (Mueller, 1879a; Paris, 1896, 1905a; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

M. pseudo-elegans (C. Muell.) Card. (Cardot, 1913b).

Syn. *Microthamnium pseudo-elegans* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1925; Kühnemann, 1938).

M. sellovii (Hornsch.) Card. (Cardot, 1913b).

Syn. *Hookeria sellovii* Hornsch. (Hornschuch, 1840).
Microthamnium sellovii (Hornsch.) Mitt. (Mitten, 1869).

Distr. Southern South America (Herter, 1928, 1933a, b).

M. simorhynchum (Hamp.) Card. (Cardot, 1913b).

Syn. *Hypnum simorhynchum* Hamp. (Hampe, 1870).
Microthamnium flavidum Aongstr. (Ångström, 1876a) *nom. illeg.*

Distr. Southern South America (Krieger, 1904).

M. tapes (C. Muell.) Card. (Cardot, 1913b).

Syn. *Microthamnium tapes* C. Muell. (Mueller, 1897a).
Stereohypnum tapes (C. Muell.) Fleisch. (Fleischer, 1908a).

Distr. Southern South America (Mueller, 1897a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

Mniadelphus nom. illeg.

M. apiculatus (Hook. f. et Wils.) Mitt.

M. assimilis Broth.

M. cavifolius Card.

M. dicksonii (Hook. et Grev.) Hamp.

M. eremitae Jaeg.

M. flaccidus (Hook. f. et Wils.) Hamp.

M. hahnianus C. Muell.

M. hahnii C. Muell.

M. krausei Lor.

M. krausei Lor.

M. mollis C. Muell.

M. nigricans C. Muell.

M. procumbens C. Muell.

M. rotundifolius (Hook. f. et Wils.) C. Muell.

Eriopus apiculatus

Distichophyllum assimile

Distichophyllum eremitae

Distichophyllum dicksonii

Distichophyllum eremitae

Distichophyllum flaccidum

Eriopus apiculatus

Eriopus apiculatus

Distichophyllum krausei

Distichophyllum krausei

Eriopus bescherellei

Distichophyllum krausei

Distichophyllum eremitae

Distichophyllum rotundifolium

Mniobryum

M. albicans (Wahlenb.) Limpr.

M. alticaule (C. Muell.) Broth.

var. *crassinerve* Broth. (Brotherus in Cardot and Brotherus, 1923).

Syn. *Webera alticaulis* (C. Muell.) Kindb. var. *crassinervis* Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Cardot and Brotherus, 1923).
Falkland Islands (Cardot and Brotherus, 1923).

var. *robustus* (C. Muell.) Par. (Paris, 1905a).

Syn. *Bryum alticaule* C. Muell. var. *robustus* C. Muell. (Mueller, 1889).
Webera alticaulis (C. Muell.) Kindb. var. *robustior* (C. Muell.) Par. (Paris, 1898).

Pohlia wahlenbergii

Pohlia wahlenbergii var. *glacialis*

Distr. Southern South America (Mueller, 1889; Paris, 1898, 1905a; Cardot, 1908a; Kühnemann, 1938).

M. amplirete (C. Muell.) Broth.

Pohlia wahlenbergii* var. *glacialis

M. aspillacae Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924; Brotherus, 1925).

M. austro-albicans (C. Muell.) Broth.

Pohlia wahlenbergii

M. philonoteum (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum philonoteum* C. Muell. (Mueller, 1885).
Webera philonotea (C. Muell.) Par. (Paris, 1906).
Webera philonotidea Par. (Paris, 1898) *err.*

Distr. Southern South America (Mueller, 1885; Paris, 1898, 1905a; Brotherus, 1903, 1924a; Cardot, 1908a; Kühnemann, 1938; Herzog, 1954).

M. pulchellum (Hedw.) Loesk. (Loeske, 1910).

Syn. *Bryum pulchellum* Hedw. (Hedwig, 1801).

Distr. Southern South America (Hornschuch, 1820b; Montagne, 1850).

M. wahlenbergii (Web. et Mohr) Jenn.

Pohlia wahlenbergii

var. *glaciale* (Brid.) Wijket Marg.

Pohlia wahlenbergii* var. *glacialis

Mnium

M. affine Bland. ex Funck var. *magellanicum* Card. et Broth.

Plagiomnium rugicum

var. *rugicum* (Laur.) B.S.G.

Plagiomnium rugicum

M. albicans Wahlenb.

Pohlia wahlenbergii

M. aubertii Schwaegr.

Rhodobryum aubertii

M. beyrichianum Hornsch.

Rhodobryum beyrichianum

M. bimum Schreb.

Bryum pseudotriquetrum* ssp. *bimum

var. *turbinatum* (Hedw.) Wahlenb.

Bryum turbinatum

M. brevifolium (Broth.) C. Muell.

Rhizogonium brevifolium

M. caespiticium (Hedw.) With.

Bryum caespiticium

M. chloroloma C. Muell.

Mnium rostratum

M. cristatum (Hedw.) P. Beauv.

Eriopus cristatus

M. crudum Hedw.

Pohlia cruda

M. fontanum Hedw.

Philonotis fontana

var. *magellanicum* Brid.

Philonotis fontana* var. *magellanica

M. lanatum P. Beauv.

Bryum argenteum* var. *lanatum

M. lepto-limbatum C. Muell.

Plagiomnium rugicum

M. lindigii Hamp.

Rhizogonium lindigii

M. longicolle C. Muell. *in* Par.

Rhizogonium longicolle

M. longicolle C. Muell. (Mueller, 1901a [1900]) *hom. illeg.*

Distr. Southern South America (Mueller, 1901a).

M. longirostre Brid.

Mnium rostratum

M. palustre Hedw.

Aulacomnium palustre

M. polycarpum C. Muell.

Rhizogonium mnioides

M. pseudo-triquetrum Hedw.

Bryum pseudotriquetrum

M. punctulatum Brid.

Tortula robusta

M. reticulatum (Hook. f. et Wils.) C. Muell.

Philonotis vagans

- M. rigidum* Hornsch. ***Bryum rigidum***
M. roseum Hedw. ***Rhodobryum roseum***
- M. rostratum*** Schrad. (Schrader in Schrebius, 1802).
 Syn. *Hypnum rostratum* (Schrad.) Web. et Mohr (Weber and Mohr, 1803).
Bryum rostratum (Schrad.) Sm. (Smith, 1804b).
Mnium longirostre Brid. (Bridel, 1803) *nom. illeg.*
Bryum longirostre Brid. (Bridel, 1819).
Mnium chloroloma C. Muell. (Mueller, 1882).
 Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1848a, 1882; Montagne, 1850; Gibert, 1873; Dusén, 1903a; Paris, 1905a; Cardot, 1908a; Brotherus, 1924a; Herter, 1933a, 1939a; Kühnemann, 1938; Hosseus, 1940; Herzog, 1952a).
- M. rugicum* Laur. ***Plagiomnium rugicum***
M. schleicheri (Cand.) Brid. ***Bryum schleicheri***
M. stygium (Sw.) B.S.G. ***Cinclidium stygium***
M. subbasilare (Hook.) C. Muell. ***Goniobryum subbasilare***
M. subpunctatum Card. et Broth. ***Cinclidium stygium***
M. truncorum Brid. ***Bryum truncorum***
M. turbinatum Hedw. ***Bryum turbinatum***
- M. undulatum*** Hedw. (Hedwig, 1801).
 Distr. Southern South America (Kühnemann, 1938).
- Molendoa***
- M. excelsa* (C. Muell.) Broth. ***Molendoa sendtneriana***
- M. fuegiana*** Bartr. (Bartram, 1946).
 Distr. Southern South America (Bartram, 1946).
- M. sendtneriana*** (B.S.G.) Limpr. (Limpricht, 1886).
 Syn. *Anoetangium sendtnerianum* B.S.G. (Bruch and others, 1846).
Zygodon excelsus C. Muell. (Mueller, 1879a) *fide* Zander, 1977.
Anoetangium excelsum (C. Muell.) Kindb. (Kindberg, 1889) *fide* Zander, 1977.
Molendoa excelsa (C. Muell.) Broth. (Brotherus, 1902) *fide* Zander, 1977.
Anoetangium lechlerianum Mitt. (Mitten, 1869) *fide* Zander, 1977.
 Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1905a; Kühnemann, 1938; Bartram, 1965; Zander, 1977).
- Mollia* *hom. illeg.*
- M. brachydontia* (Bruch) Lindb. ***Trichostomum brachydontium***
M. humilis (Hedw.) Lindb. ***Tortella humilis***
M. tortuosa (Hedw.) Schrank ex Lindb. ***Tortella tortuosa***
- Monocranum***
- M. dicranoides*** C. Muell. (Mueller, 1901a [1900]).
 Distr. Southern South America (Mueller, 1901a).
- Muelleriella* *hom. illeg.*
- M. crassifolia*** (Hook. f. et Wils.) Dus. (Dusén, 1905b).
 Syn. *Orthotrichum crassifolium* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Ulota crassifolia (Hook. f. et Wils.) Hook. f. (Hooker, 1867).
Muelleriella crassifolia (Hook. f. et Wils.) Dus. var. *lingulata* Dus. (Dusén, 1905b).
 Distr. Southern South America (Wilson and Hooker, 1847 (as vars 2 and 3); Mueller, 1849, 1885; Sullivant, 1859; Ångström, 1872; Jaeger, 1874; Bescherelle, 1889; Dusén, 1905b; Paris, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Vitt, 1976).

Falkland Islands (Hooker, 1847 (as var. 1); Jaeger, 1874; Mueller, 1885; Bescherelle, 1889; Dusén, 1905*b*; Paris, 1905*b*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Vitt, 1976).
 South Georgia (Cardot, 1906*a*, 1908*a*; Taylor, 1914; Cardot and Brotherus, 1923; Steere, 1961*b*; Vitt, 1976).

var. *lingulata* Dus.

Muelleriella crassifolia

Muscoflorschuetzia

M. pilmaiquen (Crosby) Crosby (Crosby, 1978).

Syn. *Florschuetzia pilmaiquen* Crosby (Crosby, 1977*b*) *nom. illeg.*

Distr. Southern South America (Crosby, 1977*b*).

Myurella

M. julacea (Schwaegr.) B.S.G. (Bruch and others, 1853).

Syn. *Leskea julacea* Schwaegr. (Schwaegrichen, 1804).

Distr. South Georgia (Newton, 1977*a*).

Neckera

N. amblyoglossa C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1905*a*; Brotherus, 1925; Kühnemann, 1938).

N. appressa C. Muell.

Papillaria nigrescens

N. argentinica Lor. ex C. Muell. (Lorentz ex Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1905*a*; Brotherus, 1925; Williams, 1930; Kühnemann, 1938; Herzog, 1952*a*).

N. avellanadae C. Muell.

Orthostichopsis avellanadae

N. berteriana Schimp. ex Mitt. (Schimper ex Mitten, 1869).

Syn. *Neckera berteroi* Kindb. (Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Mitten, 1869; Jaeger, 1877; Paris, 1905*a*; Thériot, 1915; Brotherus, 1925).

N. berteroi Kindb.

Neckera berteriana

N. beyrichii Schwaegr.

Entodon beyrichii

N. billardieri Hamp.

Weymouthia cochlerifolia* var. *billardieri

N. characea C. Muell.

Meteoriopsis characea

var. *nigrescens* C. Muell.

Meteoriopsis characea* var. *nigrescens

var. *tenuis* C. Muell.

Meteoriopsis characea* var. *tenuis

N. chilensis Schimp. (Schimper, 1836).

Distr. Southern South America (Schimper, 1836; Montagne, 1850; Mueller, 1850; Mitten, 1869; Jaeger, 1877; Neger, 1899; Paris, 1905*a*; Cardot, 1908*a*; Campo, 1915; Thériot, 1915, 1917*b*; Costes, 1921; Herzog, 1923, 1938, 1940, 1954, 1957; Brotherus, 1924*c*, 1925; Reimers, 1926; Kühnemann, 1938; Espinosa B., 1941; Skottsberg, 1950; Seki, 1974).

N. coronata (Mont.) C. Muell.

Forsstroemia coronata

N. cumingii C. Muell.

Weymouthia mollis

N. curtispindula Hedw.

Antitrichia curtispindula

N. cyathipoma C. Muell.

Pilotrichella cyathipoma

N. dillenii Lindb.

Homalia glabella

N. disticha Hedw.

Neckeropsis disticha

N. eriodon C. Muell.

Eriodon conostomus

- N. fasciculata* (Hedw.) Arnott
N. glabella (Hedw.) Web. et Mohr
N. glauca C. Muell.
N. humboldtii (Hook.) C. Muell.
N. illecebrina C. Muell.
N. imberbis (Sm.) C. Muell.
N. implexa C. Muell.
- N. jamesonii*** Tayl. (Taylor, 1846).
Distr. Southern South America (Mitten, 1869; Brotherus, 1925).
- N. lagura* (Hook.) C. Muell.
N. leucocaulon C. Muell.
N. leucocolea Mitt.
N. mollis (Hedw.) C. Muell.
N. patagonica Brid.
- N. pennata*** Hedw. (Hedwig, 1801).
Distr. Southern South America (Montagne, 1850).
- N. poeppigiana* C. Muell.
N. polytrichoides (Hedw.) Web. et Mohr
N. porteri Thér.
- N. praelonga*** Lor. (Lorentz, 1866).
Distr. Southern South America (Lorentz, 1866; Paris, 1905a).
- N. rotundata*** Broth. (Brotherus, 1924b).
Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).
- N. scabridens*** C. Muell. (Mueller, 1847c).
Distr. Southern South America (Mueller, 1847c, 1850; Sullivant, 1859; Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Paris, 1905a; Cardot, 1908a; Herzog, 1923, 1954, 1960; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Bartram, 1952; Seki, 1974).
- var. *porteri*** Thér. (Thériot, 1915).
Syn. *Neckera porteri* Thér. (Thériot, 1915) *nom. nud.*
Distr. Southern South America (Thériot, 1915, 1917b; Costes, 1921).
- N. scabriseta* Schwaegr.
N. schnyderi C. Muell.
N. smithii (Hedw.) C. Muell.
N. suborthosticha C. Muell.
N. tenella Schwaegr.
N. tomentosa (Hook.) C. Muell.
N. trichoblepharis Schimp. (Schimper *in* Paris, 1896) *nom. nud.*
Distr. Southern South America (Paris, 1896, 1905a).
N. trichophora Schimp. (Schimper *in* Lorentz, 1866) *nom. nud.*
Distr. Southern South America (Lorentz, 1866; Jaeger, 1877; Paris, 1905a).
- N. truncata* C. Muell.
N. turgidula C. Muell.
 var. *tristis* C. Muell.
- Poroathamnium fasciculatum***
Homalia glabella
Lepyrodon hexastichus
Rhacocarpus purpurascens
Meteorium illecebrinum
Hedwigidium integrifolium
Lepyrodon hexastichus
- Lepyrodon lagurus***
Poroathamnium leucocaulon
Cryphidium leucocoleum
Weymouthia mollis
Homalia glabella
- Glyphothecium gracile***
Lepidopilum polytrichoides
Neckera scabridens* var. *porteri
- Lepidopilum scabrisetum***
Neckeropsis villae-ricae
Leptodon smithii
Lepyrodon tomentosus
Cryphaea tenella
Lepyrodon tomentosus
- Entodon truncatus***
Squamidium turgidulum
Squamidium turgidulum* var. *triste

<i>N. undulata</i> Hedw.	<i>Neckeropsis undulata</i>
<i>N. uruguensis</i> C. Muell.	<i>Neckeropsis villae-ricae</i>
<i>N. villae-ricae</i> Besch.	<i>Neckeropsis villae-ricae</i>
<i>N. viticulosoides</i> P. Beauv.	<i>Leptodontium viticulosoides</i> var. <i>viticulosoides</i>

Neckeropsis

N. disticha (Hedw.) Kindb. (Kindberg, 1894).

Syn. *Neckera disticha* Hedw. (Hedwig, 1801).

Distr. Southern South America (Paris, 1905a).

N. undulata (Hedw.) Reichdt. (Reichardt, 1870).

Syn. *Neckera undulata* Hedw. (Hedwig, 1801).

Hypnum harrisonia Poir. (Poiret *in* Bridel, 1827*b*) *nom. nud.*

Distr. Southern South America (Bridel, 1801*b*, 1817, 1827*b*; Paris, 1905a; Hosseus, 1940; Herzog, 1952a).

N. villae-ricae (Besch.) Broth. *ex* Par. (Brotherus *ex* Paris, 1909).

Syn. *Neckera villae-ricae* Besch. (Bescherelle, 1877).

Neckera uruguensis C. Muell. (Mueller, 1879a).

Neckera schnyderi C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1879a, 1882; Paris, 1905a; Brotherus, 1925; Herter, 1933a, 1939*b*; Kühnemann, 1938; Hosseus, 1940; Herzog, 1952a).

Neobarbula

N. magellanica Dus.

Tortula densifolia

Neuroloma hom. illeg.

N. fuegianum Card.

Andreaea fuegiana

Notarisia hom. illeg.

N. crispata (Hedw.) Mont.

Ptychomitrium crispatum

Octoblepharum

O. albidum Hedw. (Hedwig, 1801).

Syn. *Bryum albidum* (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).

Distr. Southern South America (Hornschuch, 1820*b*; Montagne, 1850; Mueller, 1879a; Kühnemann, 1938).

Octodiceras

O. berterii (Mont.) Jaeg.

Fissidens fontanus

O. dillenii (Pyl.) Brid.

Fissidens fontanus

O. fissidentoides Brid.

Fissidens semicompletus

O. fontanum (Pyl.) Lindb.

Fissidens fontanus

O. hedwigii Lindb.

Fissidens semicompletus

O. julianum (Cand.) Brid.

Fissidens fontanus

Oedipodium

O. griffithianum (Dicks.) Schwaegr. (Schwaegrichen, 1823).

Syn. *Bryum griffithianum* Dicks. (Dickson, 1801).

Gymnostomum griffithianum (Dicks.) Sm. (Smith, 1804*b*).

Hymenostomum griffithianum (Dicks.) Spreng. (Sprengel, 1827).

Distr. Southern South America (Matteri, 1979).

Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

Oligotrichum

O. antarcticum (C. Muell.) Kindb.

Psilopilum trichodon

O. atrichopsis C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

O. austro-aligerum G. L. Smith (Smith, 1969b).

Syn. *O. magellanicum* Card. et Broth. (Cardot and Brotherus, 1923) *hom. illeg.*

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

O. canaliculatum (Hook. et Arnott) Mitt. (Mitten, 1869).

Syn. *Polytrichum canaliculatum* Hook. et Arnott (Hooker and Arnott, 1832).

Catharinea canaliculata (Hook. et Arnott) C. Muell. (Mueller, 1848a).

Pogonatum liliputanum Thér. (Thériot, 1917b).

Distr. Juan Fernandez (Bartram, 1959; Robinson, 1975).

Southern South America (Hooker and Arnott, 1832; Schwaegrichen, 1842; Mueller, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1875; Krieger, 1904; Paris, 1905a; Thériot, 1915, 1917b, 1925a, 1935a; Costes, 1921; Herzog, 1923, 1938, 1939, 1954, 1960; Brotherus, 1924c, 1925; Reimers, 1926; Espinosa B., 1941; Mullen and Frye, 1947; Bartram, 1952; Seki, 1974).

var. majus (Lor.) Par. (Paris, 1896).

Syn. *Catharinea canaliculata* (Hook. et Arnott) C. Muell. *var. major* Lor. (Lorentz, 1866).

Distr. Southern South America (Lorentz, 1866; Paris, 1896, 1905a).

var. minus Broth. (Brotherus, 1924b).

Syn. *Oligotrichum subcanaliculatum* Dus. (Dusén *in* Mullen and Frye, 1947) *nom. nud.*

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Mullen and Frye, 1947; Bartram, 1959).
Southern South America (Herzog, 1938, 1939; Mullen and Frye, 1947).

var. molinae (Mont.) Thér. (Thériot, 1924).

Syn. *Polytrichum molinae* Mont. (Montagne, 1845a).

Catharinea molinae (Mont.) C. Muell. (Mueller, 1848a).

Oligotrichum molinae (Mont.) Lor. (Lorentz, 1866).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Lorentz, 1866; Jaeger, 1875; Paris, 1905a; Thériot, 1924).

O. compressum (Hook. f. et Wils.) Kindb.

Atrichopsis compressa

O. crispatisimum C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

O. dendroides (Hedw.) Kindb.

Dendroligotrichum dendroides

O. gymnostomulum (C. Muell.) Kindb.

Psilopilum gymnostomulum

O. horridum (Mitt.) Kindb.

Polytrichadelphus magellanicus

O. laevifolium Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924; Brotherus, 1925; Herzog, 1938).

O. magellanicum (Hedw.) Kindb.

Polytrichadelphus magellanicus

O. magellanicum Card. et Broth.

Oligotrichum austro-aligerum

O. molinae (Mont.) Lor.

Oligotrichum canaliculatum var. molinae

O. obtusifolium Thér. (Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b).

O. riedelianum (Mont.) Mitt. (Mitten, 1869).

Syn. *Polytrichum riedelianum* Mont. (Montagne, 1841).

Distr. Southern South America (Krieger, 1904).

O. rigidum (Lor.) Broth. (Brotherus, 1905).

Syn. *Atrichum rigidum* Lor. (Lorentz, 1864).

Catharinea rigida (Lor.) C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Lorentz, 1864, 1866; Jaeger, 1875; Mueller, 1901a; Paris, 1904a; Brotherus, 1905, 1925; Mullen and Frye, 1947).

O. squamosum (Hook. f. et Wils.) Kindb.

Dendroligotrichum squamosum

O. subcanaliculatum Dus.

Oligotrichum canaliculatum* var. *minus

O. tapes (C. Muell.) Kindb.

Psilopilum tapes

O. umbrosum (Mitt.) Kindb.

Polytrichadelphus umbrosus

Oncophorus

O. billardieri (Brid.) Brid.

Dicranoloma billardieri

O. cyathicarpus (Mont.) Mitt.

Amphidium tortuosum

O. dichotomus (P. Beauv.) Brid.

Dicranoloma billardieri

O. fuegianus Card. (Cardot, 1900).

Syn. *Cynodontium fuegianum* (Card.) Card. (Cardot, 1901).

Dichodontium brotheri Dix. (Dixon *in* Paris, 1904b) *nom. nud.*

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).

Southern South America (Cardot, 1900, 1901, 1905a, 1908a; Paris, 1904b, 1905a; Brotherus, 1924a; Kühnemann, 1938).

O. luteo-virens Bartr. (Bartram *in* Roivainen and Bartram, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937).

O. starkei (Web. et Mohr) Brid.

Kiaeria starkei

O. striatus (Schrad.) Lindb.

Rhabdoweisia fugax

Oreoweisia

O. auridens (C. Muell.) Kindb.

Oreoweisia bogotensis

var. *robusta* (C. Muell.) Par. (Paris, 1896).

Syn. *Weisia auridens* C. Muell. var. *robusta* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1896, 1905a).

O. bogotensis (Hamp.) Mitt. (Mitten, 1869).

Syn. *Weisia bogotensis* Hamp. (Hampe, 1863).

Weisia auridens C. Muell. (Mueller, 1882).

Oreoweisia auridens (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1924a; Hosseus, 1938c, d; Kühnemann, 1938).

O. brevifolia Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924a; Kühnemann, 1938).

O. chilensis (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Weisia chilensis* Hamp. ex C. Muell. (Hampe ex Mueller, 1862).

Distr. Southern South America (Mueller, 1862; Jaeger, 1870; Paris, 1905a; Brotherus, 1924a).

O. patagonica Dus. (Dusén *in* Paris, 1905a) *nom. nud.*

Distr. Southern South America (Paris, 1905a).

Orthodontium

O. australe Hook. f. et Wils.

Orthodontium lineare

var. *brevisetum* Card. et Broth.

Orthodontium lineare

var. *sinuosifolium* Card. et Broth.

Orthodontium lineare

- O. gracile** Schwaegr. ex B.S.G. (Schwaegrichen ex Bruch and others, 1844).
 Syn. *Orthodontium tenellum* Mitt. (Mitten, 1869).
Stableria tenella (Mitt.) Broth. (Brotherus, 1903).
Orthodontium laxirete Dus. (Dusén in Paris, 1905a) *nom. nud.*
 Distr. Juan Fernandez (Bartram, 1959; Robinson, 1975).
 Southern South America (Paris, 1905a; Thériot, 1923; Meijer, 1952; Herzog, 1954).
- O. humile* (Mont.) Mitt. ***Pohlia humilis***
- O. laxirete* Dus. ***Orthodontium gracile***
- O. lineare** Schwaegr. (Schwaegrichen, 1827a).
 Syn. *Apalodium lineare* (Schwaegr.) Mitt. (Mitten, 1885) *hom. illeg.*
Orthodontium australe Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Apalodium australe (Hook. f. et Wils.) Mitt. (Mitten, 1869).
Orthodontium australe Hook. f. et Wils. var. *brevisetum* Card. et Broth. (Cardot and Brotherus, 1923).
Orthodontium australe Hook. f. et Wils. var. *sinuosifolium* Card. et Broth. (Cardot and Brotherus, 1923).
 Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Mitten, 1869; Jaeger, 1875; Paris, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Meijer, 1952).
 Falkland Islands (Hooker J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a; Jaeger, 1875; Paris, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Meijer, 1952).
- O. pellucens** (Hook.) B.S.G. (Bruch and others, 1844).
 Syn. *Bryum pellucens* Hook. (Hooker, 1836).
Apalodium pellucens (Hook.) Mitt. (Mitten, 1869).
Apalodium confine (Hamp.) Mitt. (Mitten, 1885).
 Distr. Southern South America (Herzog, 1954).
- O. tenellum* Mitt. ***Orthodontium gracile***
- O. tenue* C. Muell. ***Pohlia humilis***
- Orthopyxis nom. rejic.*
- O. palustris* (Hedw.) P. Beauv. ***Aulacomnium palustre***
- Orthorrhynchium**
- O. chilense* Williams ***Catagonium politum***
- Orthostichidium**
- O. excavatum* (Mitt.) Broth. ***Orthostichidium pentagonum***
- O. pentagonum** (Hamp. et Lor.) C. Muell. (Mueller, 1897c).
 Syn. *Pilotrichum pentagonum* Hamp. et Lor. (Hampe and Lorentz in Lorentz, 1868).
Meteorium excavatum Mitt. (Mitten, 1869).
Orthostichidium excavatum (Mitt.) Broth. (Brotherus, 1906b).
 Distr. Southern South America (Hosseus, 1940; Herzog, 1952a).
- Orthostichopsis**
- O. avellanadae** (C. Muell.) Broth. (Brotherus, 1906b).
 Syn. *Neckera avellanadae* C. Muell. (Mueller, 1879a).
Pilotrichella avellanadae (C. Muell.) Kindb. (Kindberg, 1891).
 Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1906b, 1918, 1925; Kühnemann, 1938).
- Orthotheca**
- O. berteroaana* (Brid.) Brid. ***Syrrhopodon incompletus* var. *berteroanus***

*Orthotheciella nom. nud.**O. austro-chilense* C. Muell.*Hygroamblystegium chilense****Orthothecium****O. filum* (C. Muell.) Kindb.*Hygroamblystegium filum**O. vittatum* Card. ex Syd.*Orthotrichum vittatum****Orthotrichum****O. affine* Schrad. ex Brid. var. *rupestre* Brid.*Orthotrichum rupestre****O. anaglyptodon*** Card. et Broth. (Cardot and Brotherus, 1923).*Distr.* Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).*O. anderssonii* C. Muell. ex Aongstr.*Orthotrichum leiothecium**O. angustissimum* Dus. (Dusén, 1903a) *nom. nud.**Distr.* Southern South America (Dusén, 1903a).***O. antarcticum*** Card. (Cardot, 1900).*Distr.* Antarctic, peninsula region (Cardot, 1900, 1901; Paris, 1905a; Cardot, 1908a; Brotherus, 1925; Steere, 1961a).*O. apiculatum* Hook.*Groutiella apiculata****O. argentinicum*** Herz. (Herzog, 1957).*Distr.* Southern South America (Herzog, 1957; Seki, 1974).***O. aristoblepharum*** Herz. (Herzog, 1954).*Distr.* Southern South America (Herzog, 1954).***O. assimile*** C. Muell. (Mueller, 1849).*Distr.* Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1905a; Thériot, 1921a, b, 1928; Brotherus, 1925; Herzog, 1954).***O. aurantiorum*** C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).***O. bellum*** C. Muell. (Mueller, 1879a).*Distr.* Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).***O. bicolor*** Thér. (Thériot, 1921a).*Distr.* Southern South America (Thériot, 1921a, 1928, 1935a; Brotherus, 1925).*O. brevicolle* Mitt.*Ulota rufula**O. carinatum* (Mitt.) Mitt.*Ulota carinata**O. chilense* Mitt.*Ulota rufula****O. compactum*** Dus. (Dusén, 1903a).*Distr.* Southern South America (Dusén, 1903a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938; Herzog, 1960).***O. conceptionense*** Thér. (Thériot, 1926).*Distr.* Southern South America (Thériot, 1926).*O. crassifolium* Hook. f. et Wils.*Muelleriella crassifolia****O. crenato-erosa*** C. Muell. (Mueller, 1885).*Syn.* *Ulota crenato-erosa* (C. Muell.) Kindb. (Kindberg, 1888).

- Distr.* Southern South America (Mueller, 1885; Paris, 1905a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).
- O. crispatum* (Hedw.) Hook. et Grev. ***Ptychomitrium crispatum***
- O. cupulatum*** Hoffm. ex Brid. (Hoffmann ex Bridel, 1801).
Distr. Southern South America (Montagne, 1850).
- O. darwinii* (Mitt.) Mitt. ***Ulota fuegiana* ssp. *darwinii***
- O. diaphanum*** Schrad. ex Brid. **var. *brevipilum*** Warnst. (Warnstorf, 1904).
Distr. Southern South America (Warnstorf, 1904).
- O. elegantulum*** Schimp. ex Mitt. (Schimper ex Mitten, 1869).
Distr. Southern South America (Lechler, 1857; Mitten, 1869; Jaeger, 1874; Mueller, 1885; Bescherelle, 1889; Cardot, 1905a (as *Ulota magellanica* fide Cardot, 1908a), 1908a; Paris, 1905a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).
- O. eremitense* (Mitt.) Mitt. ***Ulota glabella***
- O. erpodiaceum*** C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Brotherus, 1925; Hosseus, 1935b and 1937 (both as *O. expodiaceum*); Kühnemann, 1938).
- O. filiforme* Hook. et Grev. ***Macrocoma orthotrichoides***
- O. fimbriatum* P. Beauv. ***Macromitrium fimbriatum***
- O. fuegianum* (Mitt.) Mitt. ***Ulota fuegiana***
- O. fulvellum* Mitt. ***Ulota luteola***
- O. germanum* Mont. ***Ulota germana***
- O. glabellum* (Mitt.) Mitt. ***Ulota glabella***
- O. gymnomitrium*** (C. Muell.) Broth. (Brotherus, 1902).
Syn. *Ulota gymnomitria* C. Muell. (Mueller, 1897a).
Distr. Southern South America (Mueller, 1897a; Brotherus, 1902, 1925; Paris, 1905a; Cardot, 1908a; Kühnemann, 1938).
- O. herteri*** Herz. (Herzog in Herter, 1937).
Distr. Southern South America (Herter, 1933a, 1937).
- O. hymenomitrium* Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a).
- O. incanum*** C. Muell. (Mueller, 1885).
Syn. *Ulota incana* (C. Muell.) Kindb. (Kindberg, 1888).
Distr. Southern South America (Mueller, 1885; Paris, 1905a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).
- O. inclinatum*** C. Muell. (Mueller, 1885).
Syn. *Ulota inclinata* (C. Muell.) Kindb. (Kindberg, 1888).
Distr. Southern South America (Mueller, 1885; Bescherelle, 1885a; Paris, 1905a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).
- O. jamesonii* Arnott ***Schlotheimia jamesonii***
- O. johnstonii*** Bartr. (Bartram, 1942).
Distr. Southern South America (Bartram, 1942, 1943).
- O. jutlandicum* Brid. ***Ulota phyllantha***

O. lebrunii Besch. (Bescherelle, 1885a).

Distr. Southern South America (Bescherelle, 1885a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

O. leiiothecium C. Muell. (Mueller, 1862).

Syn. *Ulota leiiothecia* (C. Muell.) Jaeg. (Jaeger, 1874).
Orthotrichum anderssonii C. Muell. ex Aongstr. (Mueller ex Ångström, 1872).
Ulota anderssonii (Aongstr.) Jaeg. (Jaeger and Sauerbeck, 1879b).

Distr. Southern South America (Mueller, 1862, 1885; Ångström, 1872, 1876b; Jaeger, 1874; Bescherelle, 1885a; Paris, 1905a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

O. ligulatum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

O. lobbianum (Mitt.) Mitt.***Ulota lobbiana*****O. longipes** Hook.***Macromitrium longipes*****O. longirostre** Hook.***Macromitrium longirostre*****O. lorentzii** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Herzog, 1938; Kühnemann, 1938).

O. luteolum Hook. f. et Wils.***Ulota luteola*, *U. fuegiana* and *U. glabella*****O. macloskii** Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

O. macrocalycinum (Mitt.) Mitt.***Ulota macrocalycina*****O. magellanicum** Mont.***Ulota magellanica*****O. malacothecium** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

O. marginatum Aongstr.***Ulota macrocalycina*****O. microstomum** Hook. et Grev.***Macromitrium microstomum*****O. nigrillum** Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1905a; Seki, 1974).

O. nutans C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Brotherus, 1925; Hosseus, 1935b, 1937; Kühnemann, 1938).

O. paleomitrium Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1905a; Herzog, 1957).

O. perpusillum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1905a).

O. phyllanthum (Brid.) Steud.***Ulota phyllantha*****O. podocarpus** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

O. polytrichoides (Hedw.) Brid.***Lepidopilum polytrichoides*****O. pygmaeothecium** C. Muell.***Ulota pygmaeothecia*****O. quenoae** C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1925; Hosseus, 1938a, d; Kühnemann, 1938).

O. rufulum Mitt.

Ulota rufula

O. rupestre Schleich. ex Schwaegr. (Schleicher ex Schwaegrichen, 1816).

Syn. Dorcadion rupestre (Schwaegr.) Lindb. (Lindberg, 1879).

Orthotrichum affine Schrad. ex Brid. var. *rupestre* Brid. (Bridel, 1812) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Costes, 1921; Kühnemann, 1938).

O. rupicola C. Muell. (Mueller, 1884 [1883]).

Distr. Antarctic, peninsula region (Cardot, 1900, 1901, 1908a; Paris, 1905a; Steere, 1961a).

O. schnyderi C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

O. smithii (Hedw.) Brid.

Leptodon smithii

O. subassimile Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

O. subrupestre Thér. (Thériot, 1923b).

Distr. Southern South America (Thériot, 1921a (as *O. rupestre*), 1923b; Brotherus, 1925).

O. torquatum (Hedw.) Arnott

Schlotheimia torquata

O. truncato-dentatum C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Brotherus, 1925; Kühnemann, 1938).

O. ulotoides Herz. (Herzog, 1923).

Distr. Southern South America (Herzog, 1923).

O. urceolatum Hook.

Macromitrium urceolatum

O. verrucosum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1925; Kühnemann, 1938).

O. vittatum Card. (Cardot, 1905a) *hom. illeg.*

Syn. Orthothecium vittatum Card. ex Syd. (Cardot ex Sydow, 1910) *nom. inval.*

Distr. Southern South America (Cardot, 1905a, 1908a; Brotherus, 1925; Kühnemann, 1938).

Oxyrrhynchium

O. altisetum (C. Muell.) Broth. (Brotherus, 1909).

Syn. Rhynchostegium altisetum C. Muell. (Mueller, 1897a).

Hypnum altisetum (C. Muell.) Broth. (Brotherus, 1909).

Distr. Southern South America (Mueller, 1897a; Paris, 1905b; Brotherus, 1909, 1925; Kühnemann, 1938).

O. clinocarpum (Tayl.) Broth. (Brotherus, 1909).

Syn. Hypnum clinocarpum Tayl. (Taylor, 1848a).

Brachythecium clinocarpum (Tayl.) Jaeg. (Jaeger, 1878).

Hypnum remotifolium Grev. (Greville, 1826).

Eurhynchium remotifolium (Grev.) Jaeg. (Jaeger, 1878).

Thuidium remotifolium (Grev.) Ren. et Card. (Renauld and Cardot, 1893b).

Oxyrrhynchium remotifolium (Grev.) Steere (Steere, 1948) *hom. illeg.*

Distr. Southern South America (Herzog, 1952a).

O. corralense (Lor.) Fleisch. ex Reim. (Fleischer ex Reimers, 1926).

Syn. Hypnum corralense Lor. (Lorentz, 1866).

Eurhynchium corralense (Lor.) Jaeg. (Jaeger, 1878).

Eurhynchium confusum Thér. (Thériot, 1918).

Rhynchostegium subsquarrosus Herz. (Herzog, 1923).

Eurhynchium acanthophyllum (Mont.) Dus. ex Thér. (Dusén ex Thériot, 1934b). *nom. inval. fide* Thériot, 1934a.

Distr. Southern South America (Lorentz, 1866; Jaeger, 1878; Paris, 1904b; Thériot, 1918, 1934b; Campo, 1921; Herzog, 1923, 1938; Brotherus, 1924c, 1925; Reimers, 1926; Herter, 1933a, 1939b; Espinosa B., 1941; Skottsberg, 1950).

O. fuegianum (Card.) Herz. (Herzog, 1939).

Syn. *Eurhynchium fuegianum* Card. (Cardot, 1905a).

Rhynchostegiella fuegiana (Card.) Broth. (Brotherus, 1909).

Eurhynchiella fuegiana (Card.) Fleisch. (Fleischer, 1923).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Fleischer, 1923; Brotherus, 1925; Herzog, 1938, 1939, 1954; Kühnemann, 1938; Seki, 1974).

O. remotifolium (Grev.) Steere

Oxyrrhynchium clinocarpum

Pancovia hom. illeg.

P. denticulata (Hedw.) Kickx

Plagiothecium denticulatum

P. rutabula (Hedw.) Kickx

Brachythecium rutabulum

Papillaria

P. appressa (C. Muell.) Aongstr.

Papillaria nigrescens

P. cardotii Broth.

Floribundaria cardotii

P. filipendula (Hook. f. et Wils.) Jaeg.

Papillaria flexicaulis

P. flexicaulis (Wils.) Jaeg. (Jaeger, 1877).

Syn. *Meteorium flexicaule* Wils. (Wilson, 1854).

Trachypus flexicaulis (Wils.) Mitt. (Mitten, 1860).

Meteorium filipendulum Hook. f. et Wils. (Hooker and Wilson in Wilson, 1859).

Papillaria filipendula (Hook. f. et Wils.) Jaeg. (Jaeger, 1877).

Pilotrichella filipendula (Hook. f. et Wils.) Hamp. (Hampe, 1880b).

Distr. Juan Fernandez (Bartram, 1959; Robinson, 1975).

Southern South America (Paris, 1905a; Brotherus, 1925; Reimers, 1926; herzog, 1938, 1940).

P. laeviuscula Broth.

Papillaria tijucae

P. media Aongstr.

Meteorium medium

P. nigrescens (Hedw.) Jaeg. (Jaeger, 1877).

Syn. *Hypnum nigrescens* Hedw. (Hedwig, 1801).

Neckera appressa C. Muell. (Mueller, 1850).

Papillaria appressa (C. Muell.) Aongstr. (Ångström, 1876a).

Distr. Southern South America (Herzog, 1952a, b).

P. pilifolia C. Muell. (Mueller, 1901b).

Distr. Southern South America (Herzog, 1952a).

P. tijucae C. Muell. (Mueller, 1901b).

Syn. *Papillaria laeviuscula* Broth. (Brotherus in Ule, 1899) *nom. nud.*

Distr. Southern South America (Herzog, 1952a).

P. usneoides Broth.

Floribundaria usneoides

Pentastichella nom. nud.

P. aurea Dus.

Stenomitrium aureum

P. bartramioides Dus.

Zygodon bartramioides

P. jaffuelii Thér.

Zygodon porteri

P. pentasticha (Mont.) C. Muell.

Zygodon pentastichus

var. *strictifolia* Thér.

Zygodon pentastichus* var. *strictifolius

- P. robustula* Dus. ***Zygodon bartramioides***
- Perisiphorus**
- P. ciliatus* (Hedw.) P. Beauv. ***Hedwigia ciliata***
- Peromnion**
- P. magellanicum* Sull. ***Brachymenium indicum***
- Pharomitrium *nom. rejic.*
- P. subsessile* (Brid.) Schimp. ***Pterygoneurum subsessile***
- Phasconica**
- P. lorentzii* C. Muell. (Mueller, 1882).
- Distr.* Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1924a; Hilpert, 1933; Kühnemann, 1938; Hosseus, 1939).
- Phascum**
- P. brevipes* (Hook.) Schwaegr. ***Bruchia brevipes***
- P. calodictyon* C. Muell. (Mueller, 1888).
- Distr.* Southern South America (Gibert, 1873 (as *P. turgidum* ?); Mueller, 1888; Paris, 1905a; Roth, 1911; Felippone, 1912; Brotherus, 1924a; Herter, 1928, 1933a; Kühnemann, 1938).
- P. fruchartii* C. Muell. ***Astomum fruchartii***
- P. lamprocarpum* C. Muell. ***Tetrapterum lamprocarpum***
- P. lamprothecium* C. Muell. ***Tetrapterum lamprothecium***
- P. nervosum* Hook. ***Pleuridium nervosum***
- var. *robinsonii* Mont. ***Pleuridium robinsonii***
- P. recurvirostre* C. Muell. ***Tetrapterum recurvirostre***
- P. robinsonii* Mont. ex C. Muell. ***Pleuridium robinsonii***
- Philibertiella**
- P. ditrichoidea* Card. (Cardot, 1914b).
- Distr.* Southern South America (Cardot, 1914b; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1938, 1957).
- P. nitens* Herz. (Herzog, 1960 [1961]).
- Distr.* Southern South America (Herzog, 1960).
- Philonotis**
- P. acicularis* (C. Muell.) Kindb. (Kindberg, 1891).
- Syn.* *Bartramia acicularis* C. Muell. (Mueller, 1890a).
Philonotis varians Card. (Cardot, 1906a) *fide* Clarke, 1973a.
Philonotis elegantissima Broth. ex Dism. (Brotherus ex Dismier, 1910) *hom. illeg.*
Meesia austro-georgica C. Muell. (Mueller, 1890a) *fide* Clarke, 1973a.
- Distr.* Southern South America (Dismier, 1910; Thériot, 1924; Matteri, 1968).
 South Georgia (Mueller, 1890a; Paris, 1905a; Cardot, 1906a, 1908a; Dismier, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Dixon, 1932; Kabiersch, 1937; Steere, 1961b; Matteri, 1968; Clarke, 1973a; Bell, 1977b).
- P. acutissima* (C. Muell.) Kindb. (Kindberg, 1889).
- Syn.* *Bartramia acutissima* C. Muell. (Mueller, 1882).
- Distr.* Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1924a; Hosseus, 1938c, d, 1939; Kühnemann, 1938; Herzog, 1952a).
- P. australis* Mitt. ***Conostomum pentastichum***

- P. balansae* Besch. ex Kindb. ***Philonotis curvata***
P. balansaena Besch. ***Philonotis curvata***
- P. bartramii*** Matteri (Matteri, 1973c).
 Syn. *Philonotis luteola* Bartr. (Bartram, 1946) *nom. illeg.*
 Distr. Southern South America (Bartram, 1946; Matteri, 1973c).
- P. brevifolia* Herz. ***Philonotis krausei***
P. buenos-ayrensis (C. Muell.) Par. ***Philonotis curvata***
- P. crenatula*** (C. Muell.) Kindb. (Kindberg, 1889).
 Syn. *Bartramia crenatula* C. Muell. (Mueller, 1882).
 Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1924a; Hosseus, 1935a, b, 1937; Kühnemann, 1938).
- P. curvata*** (Hamp.) Jaeg. (Jaeger, 1875).
 Syn. *Bartramia curvata* Hamp. (Hampe, 1862a).
Philonotis balansaena Besch. (Bescherelle, 1877).
Philonotis balansae Besch. ex Kindb. (Bescherelle ex Kindberg, 1888) *nom. illeg.*
Philonotula buenos-ayrensis C. Muell. (Mueller, 1897a).
Philonotis buenos-ayrensis (C. Muell.) Par. (Paris, 1900a).
Philonotula bonariensis C. Muell. (Mueller in Kuntze, 1898) *err.*
 Distr. Southern South America (Mueller, 1897a; Kuntze, 1898; Paris, 1900a, 1905a; Krieger, 1904; Felippone, 1909; Dismier, 1910; Brotherus, 1924a; Herter, 1933a).
- P. defecta* (C. Muell.) Kindb. ***Philonotis glaucescens***
P. dimorpha Schimp. ***Philonotis vagans***
P. elegantissima Broth. ex Dism. ***Philonotis acicularis***
P. elegantula (Tayl.) Jaeg. ***Philonotis ruffiflora***
- P. elongatula*** (C. Muell.) Kindb. (Kindberg, 1889).
 Syn. *Bartramia elongatula* C. Muell. (Mueller, 1882).
Philonotis subelegantula Par. (Paris, 1897) *nom. illeg.*
Bartramia elegantula Par. (Paris, 1905a) *nom. inval.*
 Distr. Southern South America (Mueller, 1882; Paris, 1897, 1900a, 1905a; Brotherus, 1924a; Hosseus, 1938c, d, 1939; Kühnemann, 1938).
- P. esquelensis*** Matt. (Matteri, 1968).
 Distr. Southern South America (Matteri, 1968).
- P. exigua* (Sull.) Broth. ***Philonotis scabrifolia***
- P. flexipes*** (C. Muell.) Par. (Paris, 1900a).
 Syn. *Philonotula flexipes* C. Muell. (Mueller, 1897a).
Bartramia flexipes (C. Muell.) C. Muell. (Mueller, 1901a [1900]).
 Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Felippone, 1912; Brotherus, 1924a; Herter, 1933a, 1943).
- P. fontana*** (Hedw.) Brid. (Bridel, 1827b).
 Syn. *Mnium fontanum* Hedw. (Hedwig, 1801).
Bryum fontanum (Hedw.) Gaertn., Meyer et Scherb. (Gärtner and others, 1802).
Bartramia fontana (Hedw.) Turn. (Turner, 1804a).
 Distr. Southern South America (Mueller, 1848a; Montagne, 1850).
- var. *magellanica*** (Brid.) Brid. (Bridel, 1827b).
 Syn. *Mnium fontanum* Hedw. var. *magellanicum* Brid. (Bridel, 1803).
Bartramia fontana (Hedw.) Turn. var. *magellanica* (Brid.) P. Beauv. (Palisot de Beauvois, 1805a).
 Distr. Southern South America (Bridel, 1803, 1827b).

P. fontanoides (Gill. et Grev.) Jaeg. (Jaeger, 1875).

Syn. *Bartramia fontanoides* Gill. et Grev. (Gillies and Greville in Greville, 1830).

Distr. Southern South America (Greville, 1830; Mitten, 1869; Jaeger, 1875; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

P. glabrata Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).

P. glaucescens (Hornsch.) Broth. (Brotherus, 1895).

Syn. *Bartramia glaucescens* Hornsch. (Hornschuch, 1840).

Philonotis muhlenbergii (Schwaegr.) Brid. var. *tenella* Brid. (Bridel, 1827b).

Bartramia tenella (Brid.) C. Muell. (Mueller, 1849) *nom. illeg.*

Philonotis tenella (Brid.) Jaeg. (Jaeger, 1875).

Bartramia defecta C. Muell. ssp. *tenella* (Brid.) Dism. (Dismier, 1910).

Philonotis defecta (C. Muell.) Kindb. (Kindberg, 1882).

Bartramidula defecta (C. Muell.) Broth. (Brotherus, 1904).

Philonotis weberoides Dus. (Dusén in Dismier, 1910).

Distr. Southern South America (Mueller, 1882; Brotherus, 1904, 1924a; Paris, 1905a; Dismier, 1910; Hosseus, 1938b, c, d, 1939; Kühnemann, 1938; Bizot and Piovano, 1953; Piovano, 1954).

P. gourdonii Card. (Cardot, 1911b).

Distr. Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Brotherus, 1924a; Steere, 1961a; Matteri, 1968; Robinson, 1972).

P. inflexa (C. Muell.) Broth.**P. kerguelensis** Par.**P. krauseana** Broth.**var. longinervis** Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b).

P. krausei (C. Muell.) Broth. (Brotherus, 1904).

Syn. *Bartramia krausei* C. Muell. (Mueller, 1874).

Glyphocarpus krausei (C. Muell.) Jaeg. (Jaeger, 1875).

Bartramidula krausei (C. Muell.) Par. (Paris, 1894).

Philonotis krauseana Broth. (Brotherus, 1924b) *nom. illeg.*

Philonotis brevifolia Herz. (Herzog, 1954) *fide* Seki, 1974.

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Matteri, 1968; Robinson, 1975).
Southern South America (Mueller, 1874; Jaeger, 1875; Paris, 1894, 1904a; Brotherus, 1904, 1924a; Thériot, 1924, 1934b, 1935a; Herzog, 1938, 1939, 1940, 1954; Matteri, 1968; Seki, 1974).

P. litorea Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Juan Fernandez (Skottsberg, 1914).
Falkland Islands (Cardot and Brotherus, 1923).

var. proliger Card. (Cardot in Skottsberg, 1923; Kühnemann, 1938; Matteri, 1968).

Distr. Juan Fernandez (Skottsberg, 1914) *nom. nud.*

P. luteola Bartr.**P. macropyxis** Dus. (Dusén in Paris, 1905a) *nom. nud.*

Distr. Southern South America (Paris, 1905a).

P. muhlenbergii (Schwaegr.) Brid. var. *tenella* Brid.**P. nigricans** Herz. (Herzog, 1916b).

Distr. Southern South America (Herzog, 1916b).

P. nigroflava C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a, 1938; Matteri, 1968).

Pohlia inflexa***Breutelia integrifolia******Philonotis krausei******Philonotis bartramii******Philonotis glaucescens***

P. parallela Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Paris, 1905a; Cardot, 1908a; Dismier, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1957; Kühnemann, 1938; Matteri, 1968; Seki, 1974).

P. platensis Par. (Paris, 1900a).

Syn. *Philonotula secunda* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1924a; Kühnemann, 1938).

P. pomangium (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Bartramia pomangium* C. Muell. (Mueller, 1882).
Bartramia declivium C. Muell. (Mueller, 1882) *nom. nud.*

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

P. riparia Dus. (Dusén *in* Paris, 1905a) *nom. nud.*

Distr. Southern South America (Paris, 1905a; Dismier, 1910).

P. rufiflora (Hornsch.) Reichdt. (Reichardt, 1870).

Syn. *Bartramia rufiflora* Hornsch. (Hornschuch, 1840).
Bartramia elegantula Tayl. (Taylor, 1847).
Philonotis elegantula (Tayl.) Jaeg. (Jaeger, 1875).

Distr. Southern South America (Taylor, 1847; Sullivant, 1859; Jaeger, 1875).

P. scabrifolia (Hook. f. et Wils.) Braithw. (Braithwaite, 1893).

Syn. *Hypnum scabrifolium* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Bartramia scabrifolia (Hook. f. et Wils.) C. Muell. (Mueller, 1901a [1900]).
Bartramia pusilla Sull. (Sullivant, 1850) *hom. illeg.*
Bartramia exigua Sull. (Sullivant, 1859).
Glyphocarpus exiguus (Sull.) Jaeg. (Jaeger, 1875).
Bartramidula exigua (Sull.) Par. (Paris, 1894).
Philonotis exigua (Sull.) Broth. (Brotherus, 1904).
Bartramia willii C. Muell. (Mueller, 1890a).
Philonotis willii (C. Muell.) Broth. (Brotherus, 1904).
Bartramia ventanae C. Muell. (Mueller, 1897a).
Philonotis ventanae (C. Muell.) Par. (Paris, 1900a).

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Sullivant, 1850, 1859; Mueller, 1851a, 1885, 1897a, 1901a; Jaeger, 1875; Paris, 1894, 1900a, 1904a, 1905a; Neger, 1899; Dusén, 1903a; Brotherus, 1904, 1924a; Cardot, 1905a, 1908a, 1913a; Dismier, 1910; Cardot and Brotherus, 1923; Herzog, 1923, 1939, 1954, 1957; Roivainen, 1934; Hosseus, 1938c, d, 1939; Kühnemann, 1938; Bartram, 1952; Matteri, 1968; Seki, 1974).
Falkland Islands (Cardot, 1905a, 1908a; Brotherus, 1924a; Kühnemann, 1938).
South Georgia (Mueller, 1890a; Brotherus, 1904, 1924a; Paris, 1904a; Cardot, 1906a, 1908a; Dismier, 1910; Steere, 1961b; Matteri, 1968; Clarke, 1973a).

P. simplicissima (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Bartramia simplicissima* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Dismier, 1910; Kühnemann, 1938).

P. sphaerocarpa (Hedw.) Brid. ssp. *tenella* (Brid.) Dism.***Philonotis glaucescens******P. striata*** (C. Muell.) Kindb. (Kindberg, 1889).

Syn. *Bartramia striata* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905a; Dismier, 1910; Brotherus, 1924a; Kühnemann, 1938).

P. strictiuscula (C. Muell.) Par. (Paris, 1900a).

Syn. *Philonotula strictiuscula* C. Muell. (Mueller, 1897a).

Bartramia strictiuscula (C. Muell.) C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1897a, 1901a; Paris, 1900a; Brotherus, 1924a; Herter, 1933a).

P. subelegantula Par.

Philonotis elongatula

P. tenella (Brid.) Jaeg.

Philonotis glaucescens

P. trichophylla Herz. (Herzog, 1954) *hom. illeg.*

Distr. Southern South America (Herzog, 1954).

P. vagans (Hook. f. et Wils.) Mitt. (Mitten, 1860).

Syn. *Bryum vagans* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Meesia vagans (Hook. f. et Wils.) C. Muell. (Mueller, 1848a).

Bartramia vagans (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Philonotis vagans (Hook. f. et Wils.) Mitt. var. *inundata* Card. (Cardot, 1906a) *fide* Clarke, 1973a.

Hypnum reticulatum Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844) *hom. illeg.*

Goniobryum reticulatum Lindb. (Lindberg, 1868b).

Rhizogonium reticulatum (Hook. f. et Wils.) Mitt. (Mitten, 1869) *hom. illeg.*

Mnium reticulatum (Hook. f. et Wils.) C. Muell. (Mueller, 1885).

Philonotis dimorpha Schimp. (Schimper *in* Mitten, 1860) *nom. nud.*

Bartramia dimorpha Schimp. (Schimper *in* Mueller, 1901a [1900]) *nom. nud.*

Distr. Juan Fernandez (Espinosa B., 1941; Matteri, 1968; Robinson, 1975).

Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivant, 1859; Mitten, 1860, 1869; Ångström, 1872; Jaeger, 1875; Bescherelle, 1889; Neger, 1899; Dusén, 1903a, 1905d; Paris, 1904b, 1905a; Cardot, 1905a, 1908a, 1913a; Dismier, 1910; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Thériot, 1934b; Kühnemann, 1938; Herzog, 1939, 1954; Bartram, 1952; Matteri, 1968; Seki, 1974).

South Georgia (Cardot, 1906a, 1908a; Dismier, 1910; Cardot and Brotherus, 1923; Dixon, 1935; Steere, 1961b; Matteri, 1968; Clarke, 1973a).

var. *evanidinervis* Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959).

var. *inundata* Card.

Philonotis vagans

P. varians Card.

Philonotis acicularis

P. ventanae (C. Muell.) Par.

Philonotis scabrifolia

P. weberoides Dus.

Philonotis glaucescens

P. willii (C. Muell.) Broth.

Philonotis scabrifolia

Philonotula

P. bonariensis C. Muell.

Philonotis curvata

P. buenos-ayrensis C. Muell.

Philonotis curvata

P. flexipes C. Muell.

Philonotis flexipes

P. secunda C. Muell.

Philonotis platensis

P. strictiuscula C. Muell.

Philonotis strictiuscula

Photinophyllum hom. illeg.

P. subbasilare (Hook.) Mitt.

Goniobryum subbasilare

Phyllogonium

P. callichroum Mont.

Catagonium politum* var. *phyllogonium

Physcomitrium

P. acutifolium Broth. (Brotherus, 1900).

Distr. Southern South America (Herter, 1933a).

P. argentinicum Par. (Paris, 1897).

Syn. *Physcomitrium pusillum* C. Muell. (Mueller, 1882) *hom. illeg.*
Physcomitrium subpusillum C. Muell. (Mueller *in* Kindberg, 1889) *nom. nud.*

Distr. Southern South America (Mueller, 1882; Paris, 1897, 1905a; Brotherus, 1924a; Kühnemann, 1938).

P. badium Broth. (Brotherus, 1900).

Distr. Southern South America (Herter, 1933a; Herzog, 1954).

P. bonplandii (Hook.) De Not.***Funaria bonplandii******P. chlorodictyon*** C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

P. cryptotheca C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

P. cupulare C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938; Herter, 1939b).

var. *latifolium* Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918; Kühnemann, 1938).

P. densirete Besch. (Bescherelle *in* Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

P. excurrens Broth. (Brotherus *in* Krieger, 1904) *nom. nud.*

Distr. Southern South America (Krieger, 1904).

P. felipponei Thér. (Thériot, 1939 [1941]).

Distr. Southern South America (Herter, 1939b; Thériot, 1939).

P. germanillae C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Brotherus, 1924a; Hosseus, 1935a; Kühnemann, 1938; Herter, 1939b).

P. gibertii Mitt. (Mitten, 1885).

Distr. Southern South America (Mitten, 1885).

P. herteri Thér. (Thériot, 1939 [1941]).

Distr. Southern South America (Herter, 1939b; Thériot, 1939).

P. integrifolium C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

P. lorentzii C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Krieger, 1904; Kurtz, 1904; Paris, 1905a; Brotherus, 1918, 1924a; Herter, 1933a; Thériot, 1934b; Hosseus, 1935b, 1937, 1938a, c, d; Kühnemann, 1938).

P. macroglobum C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

P. mahui H. Robinson (Robinson, 1970b).

Distr. Southern South America (Robinson, 1970b).

P. orbignyanum (Mont.) Mont. (Montagne, 1839c).

Syn. *Gymnostomum orbignyanum* Mont. (Montagne, 1838).

Distr. Southern South America (Montagne, 1838, 1856; Paris, 1905a; Brotherus, 1924a; Kühnemann, 1938).

P. pusillum C. Muell.

Physcomitrium argentinicum

P. pyriforme (Hedw.) Hamp. (Hampe, 1837b).

Syn. *Gymnostomum pyriforme* Hedw. (Hedwig, 1801).

Distr. Southern South America (Montagne, 1850).

P. roseae Williams (Williams, 1915).

Distr. Southern South America (Williams, 1915; Brotherus, 1924a).

P. serrifolium C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905a; Brotherus, 1924a; Hosseus, 1935b, 1937, 1938a, c, d; Kühnemann, 1938).

P. spegazzinii C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

P. subpusillum C. Muell.

Physcomitrium argentinicum

P. thieleanum Hamp. (Hampe, 1844).

Syn. *Physcomitrium thielei* Hamp. ex Kindb. (Hampe ex Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Hampe, 1844; Mueller, 1848a; Mitten, 1869; Gibert, 1873; Jaeger, 1874; Herter, 1928, 1933a; Herzog, 1952a).

P. thielei Hamp. ex Kindb.

Physcomitrium thieleanum

P. umbonatum Mitt. (Mitten, 1869).

Distr. Southern South America (Felippone, 1909; Herter, 1933a).

Pilopogon

P. gracilis (Hook.) Brid. (Bridel, 1826).

Syn. *Didymodon gracilis* Hook. (Hooker, 1818).

Thysanomitrion gracile (Hook.) Arnott (Arnott, 1827).

Weisia gracilis (Hook.) Spreng. (Sprengel, 1827).

Dicranum strictum Schwaegr. (Schwaegrichen in Gaudichaud, 1826 [1828]) *hom. illeg.*

Didymodon gracilis Hook. var. *robustum* Hook. (Hooker in Gaudichaud, 1826 [1828]) *nom. nud.*

Thysanomitrion gracile (Hook.) Arnott var. *robustum* Arnott (Arnott, 1827).

Distr. Falkland Islands (Dumont D'Urville, 1825; Gaudichaud, 1825, 1826; Bridel, 1827b).

P. leptodus (Mont.) Broth.

Campylopus clavatus

P. richardii (Brid.) Broth.

Campylopus richardii

P. schilleri Herz. et Thér. (Herzog and Thériot in Herzog and others, 1933).

Distr. Southern South America (Herzog and others, 1933).

Pilotrichella

P. avellanadae (C. Muell.) Kindb.

Orthostichopsis avellanadae

P. billardieri (Hamp.) Jaeg.

Weymouthia cochlearifolia* var. *billardieri

P. characea (C. Muell.) Kindb.

Meteoriopsis characea

var. *nigrescens* (C. Muell.) Par.

Meteoriopsis characea* var. *nigrescens

var. *tenuis* (C. Muell.) Par.

Meteoriopsis characea* var. *tenuis

P. cumingii (C. Muell.) Lor.

Weymouthia mollis

P. cyathipoma (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Neckera cyathipoma* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938).

P. filipendula (Hook. f. et Wils.) Hamp.

P. illecebrina (C. Muell.) Kindb.

P. kraussei Lor.

P. mollis (Hedw.) Jaeg.

P. turgidula (C. Muell.) Par.

var. *tristis* (C. Muell.) Par.

Pilotrichum

P. ambiguum Hornsch.

P. ancistrodes (Mont.) Lor.

P. ciliatum (Hedw.) C. Muell.

P. consimile (Mont.) C. Muell.

P. flagelliferum Brid.

P. genuflexum C. Muell.

P. gorveanum (Mont.) C. Muell.

P. patagonicum (Brid.) P. Beauv.

P. pentagonum Hamp. et Lor.

P. polytrichoides (Hedw.) Brid.

P. scabrisetum (Schwaegr.) Brid.

P. smithii (Dicks.) P. Beauv.

P. stramineum C. Muell.

P. tenellum (Schwaegr.) C. Muell.

P. thieleanum (C. Muell.) Hamp.

Papillaria flexicaulis

Meteorium illecebrinum

Weymouthia cochlearifolia* var. *billardieri

Weymouthia mollis

Squamidium turgidulum

Squamidium turgidulum* var. *triste

Meteoropsis ambigua

Ancistrodes genuflexa

Hedwigia ciliata

Cryphaea tenella

Pseudocryphaea flagellifera

Ancistrodes genuflexa

Dendrocryphaea gorveana

Homalia glabella

Orthostichidium pentagonum

Lepidopilum polytrichoides

Lepidopilum scabrisetum

Leptodon smithii

Meteoropsis straminea

Cryphaea tenella

Pinnatella thieleana

Pinnatella

P. callicostelloides (Thér.) Broth. (Brotherus, 1925).

Syn. *Porotrichum callicostelloides* Broth. ex Thér. (Brotherus ex Thériot, 1917b).

Distr. Southern South America (Paris, 1905b; Thériot, 1917b, 1926; Costes, 1921; Brotherus, 1925; Espinosa B., 1941; Herzog, 1954).

var. *distichum* Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924).

P. macrosticta Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Robinson, 1975).

P. pinnatelloides (C. Muell.) Broth. ex Par.

Pinnatella thieleana

P. thieleana (C. Muell.) Broth. ex Par. (Brotherus ex Paris, 1909).

Syn. *Hypnum thieleanum* C. Muell. (Mueller, 1851a).

Porotrichum thieleanum (C. Muell.) Mitt. (Mitten, 1869).

Pilotrichum thieleanum (C. Muell.) Hamp. (Hampe, 1879).

Porotrichum thielei Aongstr. (Ångström, 1876a) *nom. illeg.*

Thamnium thielei Kindb. (Kindberg, 1902) *nom. illeg.*

Porotrichum pinnatelloides C. Muell. (Mueller, 1879a).

Pinnatella pinnatelloides (C. Muell.) Broth. ex Par. (Brotherus ex Paris, 1909).

Distr. Southern South America (Hampe, 1879; Mueller, 1879a; Kindberg, 1902; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938).

Plagiobryum

P. lamprocarpum (C. Muell.) Par.

Bryum lamprocarpum

Plagiomnium

P. rugicum (Laur.) Koponen (Koponen, 1968).

Syn. *Mnium rugicum* Laur. (Laurer, 1827).

Mnium affine Bland. ex Funck var. *rugicum* (Laur.) B.S.G. (Bruch and others, 1838).

Mnium affine Bland. ex Funck var. *magellanicum* Card. et Broth. (Cardot and Brotherus, 1923).

Mnium leptolimbatum C. Muell. (Mueller, 1897a) *fide* Koponen, 1971.

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Cardot, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938; Koponen, 1971).

Plagiopus

P. ithyphyllus (Brid.) Mach.

Bartramia ithyphylla

P. pomiformis (Hedw.) Mach.

Bartramia pomiformis

P. strictus (Brid.) Mach.

Bartramia stricta

Plagiothecium

P. bellirete C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905b; Brotherus, 1925; Kühnemann, 1938).

P. cacti (C. Muell.) Kindb.

Isopterygium cacti

P. denticulatum (Hedw.) B.S.G. (Bruch and others, 1851).

Syn. *Hypnum denticulatum* Hedw. (Hedwig, 1801).

Stereodon denticulatus (Hedw.) Mitt. (Mitten, 1863).

Pancovia denticulata (Hedw.) Kickx (Kickx, 1867).

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1851a, 1885; Sullivant, 1859; Cardot, 1908a, 1913a; Roivainen, 1934).

var. obtusifolium (Turn.) Moore (Moore, 1873).

Syn. *Hypnum denticulatum* Hedw. var. *obtusifolium* Turn. (Turner, 1804a).

Hypnum obtusifolium (Turn.) Brid. (Bridel, 1812).

Plagiothecium obtusifolium (Turn.) Amann (Amann, 1928) *nom. illeg.*

Hypnum donnianum Sm. (Smith, 1804b).

Plagiothecium donnianum (Sm.) Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Jaeger, 1878; Paris, 1905b).

P. donnianum (Sm.) Mitt.

Plagiothecium denticulatum var. *obtusifolium*

P. elegans (Brid.) Sull. var. *nanum* (Jur.) Mol.

Isopterygium elegans var. *nanum*

P. fuegianum (Besch.) Dus.

Isopterygium fuegianum

P. georgico-antarcticum (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Hypnum georgico-antarcticum* C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Paris, 1905b; Cardot, 1908a; Brotherus, 1925; Steere, 1961b).

P. leptolumosum Dus.

Isopterygium leptolumosum

P. leucophyllum Hamp.

Isopterygium leucophyllum

P. lucidulum (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Syn. *Hypnum lucidulum* Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1847).

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1851a, 1885; Mitten, 1869; Jaeger, 1878; Paris, 1905b; Kühnemann, 1938).

Falkland Islands (Paris, 1905b; Kühnemann, 1938).

P. lucidum (Hook. f. et Wils.) Par. (Paris, 1896).

Syn. *Hypnum lucidum* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).

Amblystegium lucidum (Hook. f. et Wils.) Jaeg. (Jaeger *in* Jaeger and Sauerbeck, 1879a).

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Mueller, 1851a; Jaeger and Sauerbeck, 1879a; Paris, 1896, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).
Falkland Islands (Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

- P. magellanicum* Schimp. ***Acrocladium auriculatum***
P. magellanicum Par. ***Isopterygium fuegianum***
P. nanum Jur. ***Isopterygium elegans* var. *nanum***
P. nitidum (Hook. f. et Wils.) Bartr. ***Catagonium nitidum***
P. obtusifolium (Turn.) Amann ***Plagiothecium denticulatum* var. *obtusifolium***

P. orthocarpum Mitt. (Mitten, 1869).

Syn. *Isothecium orthocarpum* Brid. (Bridel, 1827b) *nom. nud.*
Hypnum orthocarpon Hornsch. ex C. Muell. (Hornschuch ex Mueller, 1851a) *hom. illeg.*

Distr. Southern South America (Hornschuch, 1820b; Bridel, 1827b; Mueller, 1851a; Mitten, 1869; Jaeger, 1878; Paris, 1905b).

P. ovatifolium Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

P. roseanum B.S.G. var. ***falklandicum*** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

P. schimperi Jur. et Mild. var. *nanum* (Jur.) Walth. et Mol. ***Isopterygium elegans* var. *nanum***

P. simonovii Savicz. et Smirn. (Savich-Ljubitskaya and Smirnova, 1964a).

Distr. Antarctic, continental region (Savich-Ljubitskaya and Smirnova, 1964a; Greene, 1968a; Savich-Ljubitskaya, 1978).

P. subsimplex (Hedw.) Besch. ***Sematophyllum subsimplex***

Platyhypnidium

P. aquaticum (Jaeg.) Fleisch. (Fleischer, 1923).

Syn. *Rhynchostegium aquaticum* Jaeg. (Jaeger, 1878).

Distr. Southern South America (Hosseus, 1938c, 1939).

P. riparioides (Hedw.) Dix. (Dixon, 1933 [1934]).

Syn. *Hypnum riparioides* Hedw. (Hedwig, 1801).
Hypnum rusciforme Brid. (Bridel, 1801) *nom. illeg.*
Eurhynchium riparioides (Hedw.) Richs. (Richards, 1937).
Eurhynchium rusciforme Mild. (Milde, 1869) *nom. illeg.*

Distr. Southern South America (Bridel, 1827b).

Platylomidium *nom. nud.*

P. crispatula C. Muell. ***Calyptopogon mnioides***

Platyneuron

P. laticostatum (Card.) Broth. (Brotherus, 1924a).

Syn. *Dicranum laticostatum* Card. (Cardot, 1900).
Dicranum cirrhifolium Schimp. ex Dus. (Schimper ex Dusén, 1903a).

Distr. Southern South America (Mueller, 1885; Neger, 1899; Cardot, 1900, 1901, 1905a, 1908a; Dusén, 1903a, 1905a; Paris, 1904b; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Herzog, 1938, 1940, 1954, 1957; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).
 South Georgia (Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Bell, 1973b).

Pleuridiopsis *nom. nud.**P. amblyocalyx* (C. Muell.) Par.***Astomiopsis amblyocalyx****P. subulata* (C. Muell.) Par.***Astomiopsis subulata*****Pleuridium*****P. costesii*** Thér. (Thériot, 1921a).*Distr.* Southern South America (Costes, 1921; Thériot, 1921a; Brotherus, 1924a).***P. macrothecium*** Dus. (Dusén, 1905a).*Distr.* Southern South America (Dusén, 1905a; Roth, 1911; Campo, 1921; Thériot, 1921a; Brotherus, 1924a).***P. nervosum*** (Hook.) Mitt. (Mitten, 1856).*Syn.* *Phascum nervosum* Hook. (Hooker, 1819).*Astomum nervosum* (Hook.) C. Muell. (Mueller, 1847b).*Distr.* Juan Fernandez (Mueller, 1856; Johow, 1896; Roth, 1911).

Southern South America (Mueller, 1847b, 1848a, 1856; Montagne, 1850; Roth, 1911).

P. robinsonii (Mont.) Mitt. (Mitten, 1869).*Syn.* *Phascum nervosum* Hook. var. *robinsonii* Mont. (Montagne, 1835).*Phascum robinsonii* Mont. ex C. Muell. (Montagne ex Mueller, 1848a) *err.**Astomum robinsonii* (Mont.) C. Muell. (Mueller, 1856).*Distr.* Juan Fernandez (Montagne, 1835; Mueller, 1856; Mitten, 1869; Gibert, 1873; Jaeger, 1873; Paris, 1905b; Brotherus, 1924b; Robinson, 1975).

Southern South America (Montagne, 1835; Mueller, 1856; Jaeger, 1869, 1873; Mitten, 1869; Gibert, 1873; Dusén, 1905a; Paris, 1905b; Felippone, 1909; Thériot, 1921a, b; Brotherus, 1924a; Herter, 1928, 1933a, 1939a; Herzog, 1938, 1954; Bartram, 1952).

P. subnervosum (C. Muell.) Jaeg. (Jaeger in Paris, 1896).*Syn.* *Astomum subnervosum* C. Muell. (Mueller, 1882).*Distr.* Southern South America (Jaeger and Sauerbeck, 1879b; Mueller, 1882; Paris, 1896, 1905b; Roth, 1911; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938).**Pleurochaete*****P. ecuadoriensis*** Broth. (Brotherus, 1920).*Distr.* Southern South America (Hilpert, 1933).**Pleurorthotrichum*****P. chilense*** Broth. (Brotherus, 1905c).*Distr.* Southern South America (Brotherus, 1905c, 1924c, 1925; Espinosa B., 1941; Skottsberg, 1950; Herzog, 1954).**Pleurozium*****P. schreberi*** (Brid.) Mitt. (Mitten, 1869).*Syn.* *Hypnum schreberi* Brid. (Bridel, 1801b).*Hylocomium schreberi* (Brid.) De Not. (De Notaris, 1867).*Hypnopsis schreberi* (Brid.) Podp. (Podpěra, 1921).*Entodon schreberi* (Brid.) Moenk. (Mönkemeyer, 1927).*Cuspidaria morenoi* C. Muell. (Mueller, 1897a).*Hypnum morenoi* (C. Muell.) Par. (Paris, 1900a).*Acrocladium morenoi* (C. Muell.) Dus. (Dusén, 1903a).*Hypnum parietinum* Wahlenb. (Wahlenberg, 1812) *hom. illeg.**Distr.* Southern South America (Mueller, 1897a; Paris, 1900a, 1904c; Dusén, 1903a; Cardot, 1908a; Brotherus, 1924a, 1925).**Pogonatum*****P. alpinum*** (Hedw.) Roehl.***Polytrichum alpinum***

- var. *brevifolium* (R. Brown) Brid. *Polytrichum alpinum*
- P. austro-georgicum* (C. Muell.) Par. *Polytrichum alpinum*
- P. dendroides* (Hedw.) Brid. *Dendroligotrichum dendroides*
- P. liliputanum* Thér. *Oligotrichum canaliculatum*
- P. magellanicum* (Hedw.) P. Beauv. *Polytrichadelphus magellanicus*
- P. oligodus*** (C. Muell.) Mitt. (Mitten, 1869).
Syn. *Polytrichum oligodus* Kunz. ex C. Muell. (Kunze ex Mueller, 1848a).
Cephalotrichum oligodus B.S.G. (Bruch and others, 1844) *nom. nud.*
Distr. Southern South America (Bruch and others, 1844; Mueller, 1848a; Montagne, 1850; Mitten, 1869; Jaeger, 1875; Paris, 1905b; Thériot, 1915, 1917b, 1921b; Campo, 1921; Costes, 1921; Brotherus, 1925; Bartram, 1952).
- P. plurisetum*** (C. Muell.) Broth. (Brotherus, 1905a).
Syn. *Polytrichum plurisetum* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Brotherus, 1905a, 1925; Hosseus, 1936, 1937; Kühnemann, 1938).
- var. ***brevipes*** (C. Muell.) O. Kühnemann (Kühnemann, 1938).
Syn. *Polytrichum plurisetum* C. Muell. var. *brevipes* C. Muell. (Mueller, 1879a).
Pogonatum polycarpum Par. var. *brevipes* (C. Muell.) Par. (Paris, 1896).
Distr. Southern South America (Mueller, 1879a; Paris, 1896, 1905b; Kühnemann, 1938).
- P. polycarpum* Par. var. *brevipes* (C. Muell.) Par. *Pogonatum plurisetum* var. *brevipes*
- P. robustum* (Lindb.) Jaeg. *Polytrichadelphus robustus*
- P. semi-angulatum* Brid. *Polytrichadelphus semi-angulatus*
- P. spurio-cirratum*** Broth. (Brotherus, 1910a).
Distr. Southern South America (Thériot, 1926).

Pohlia

- P. albicans* Lindb. *Pohlia wahlenbergii*
- P. calopyxis*** (C. Muell.) Broth. (Brotherus, 1903).
Syn. *Bryum calopyxis* C. Muell. (Mueller, 1882).
Webera calopyxis (C. Muell.) Kindb. (Kindberg, 1889).
Distr. Southern South America (Mueller, 1882; Brotherus, 1903, 1924a; Paris, 1906; Kühnemann, 1938).
- P. clavata* Schimp. *Bryum clavatum*
- P. commutata* (Schimp.) Lindb. *Pohlia drummondii*
- P. cruda*** (Hedw.) Lindb. (Lindberg, 1879).
Syn. *Mnium crudum* Hedw. (Hedwig, 1801).
Hypnum crudum (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Bryum crudum (Hedw.) Turn. (Turner, 1804a).
Webera cruda (Hedw.) Fuernr. (Fümrrohr, 1829).
Lamprophyllum crudum (Hedw.) Lindb. (Lindberg, 1871).
Bryum synoico-crudum C. Muell. (Mueller, 1884 [1883]).
Webera synoico-cruda (C. Muell.) Kindb. (Kindberg, 1889).
Bryum viridatum C. Muell. (Mueller, 1890a).
Webera viridata (C. Muell.) Kindb. (Kindberg, 1891).
Distr. Southern South America (Mitten, 1869; Mueller, 1884, 1885, 1889; Neger, 1899; Cardot, 1900, 1901, 1905a, 1908a, 1913a; Dusén, 1903a; Paris, 1906; Cardot and Brotherus, 1923; Herzog, 1923, 1954, 1957; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Bartram, 1965; Seki, 1974).
 South Georgia (Mueller, 1890a; Cardot, 1906a, 1908a; Paris, 1906; Dixon, 1935; Steere, 1961b; Clarke, 1973a).

var. imbricata (Card.) Bartr. (Bartram, 1957).

Syn. *Webera cruda* (Hedw.) Fuernr. var. *imbricata* Card. (Cardot, 1900).

Distr. South Georgia (Clarke, 1973a).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906b, 1907c, 1908a, 1911b, d, 1913a; Paris, 1906; Bartram, 1957; Steere, 1961a; Greene and others, 1970; Robinson, 1972 (as *P. cruda*)).

P. cruegeri (Hamp.) Andrews

Bryum cruegeri

P. drummondii (C. Muell.) Andrews (Andrews, 1935).

Syn. *Bryum drummondii* C. Muell. (Mueller, 1862).

Webera drummondii (C. Muell.) Jaeg. (Jaeger, 1875).

Webera commutata Schimp. (Schimper, 1876).

Pohlia commutata (Schimp.) Lindb. (Lindberg, 1879).

Bryum commutatum (Schimp.) Boul. (Boulay, 1884) *hom. illeg.*

Distr. Southern South America (Cardot and Brotherus, 1923).

P. filiformis (Dicks.) Andrews

Anomobryum filiforme

P. gilliesii (Hook.) Mont.

Bryum gilliesii

P. humilis (Mont.) Broth. (Brotherus, 1903).

Syn. *Bryum humile* Mont. (Montagne, 1845a).

Orthodontium humile (Mont.) Mitt. (Mitten, 1869).

Webera humilis (Mont.) Broth. (Brotherus, 1924a).

Orthodontium tenue C. Muell. (Mueller, 1848a) *nom. illeg.*

Apalodium tenue Mitt. (Mitten, 1885) *nom. illeg.*

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1848a; Mitten, 1869, 1885; Jaeger, 1875; Brotherus, 1903, 1924a; Paris, 1905a).

P. inclinata Sm. ex Brid.

Bryum inclinatum

P. inflexa (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1965).

Syn. *Bryum inflexum* C. Muell. (Mueller, 1890a).

Webera inflexa (C. Muell.) Kindb. (Kindberg, 1891).

Philonotis inflexa (C. Muell.) Broth. (Brotherus, 1904).

Distr. South Georgia (Mueller, 1890a; Brotherus, 1904; Paris, 1905a; Cardot, 1906a, 1908a; Steere, 1961b; Clarke, 1973a, b).

P. lonchochaete (Dus.) Broth. (Brotherus, 1909).

Syn. *Webera lonchochaete* Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Brotherus, 1909, 1924a; Kühnemann, 1938).

P. nevadensis (C. Muell.) Broth. (Brotherus, 1903).

Syn. *Bryum nevadense* C. Muell. (Mueller, 1879a).

Webera nevadensis (C. Muell.) Kindb. (Kindberg, 1889).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1903, 1924a; Paris, 1906; Kühnemann, 1938).

P. nutans (Hedw.) Lindb. (Lindberg, 1879).

Syn. *Webera nutans* Hedw. (Hedwig, 1801).

Bryum nutans (Hedw.) Turn. (Turner, 1804a).

Lamprophyllum nutans (Hedw.) Lindb. (Lindberg, 1871).

Bryum sphagnadelphus C. Muell. (Mueller, 1885).

Webera sphagnadelphus (C. Muell.) Besch. (Bescherelle, 1889).

Bryum pulvinatum C. Muell. (Mueller, 1890a) *hom. illeg. fide* Clarke, 1973a.

Webera pulvinata Kindb. (Kindberg, 1891) *fide* Clarke, 1973a.

Pohlia pulvinata (Kindb.) Broth. (Brotherus, 1903) *fide* Clarke, 1973a.

Bryum caespitosum (Hopp. et Hornsch.) Brid. (Bridel, 1826).

Distr. Southern South America (Wilson and Hooker, 1847; Montagne, 1850; Sullivan, 1859; Mitten, 1869; Mueller, 1885; Bescherelle, 1889; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1924; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

Falkland Islands (Wilson and Hooker, 1847; Cardot and Brotherus, 1923).

South Georgia (Mueller, 1890a; Brotherus, 1903, 1924a; Cardot, 1906a, 1908a; Paris, 1906; Dixon, 1934; Steere, 1961b; Clarke, 1973a).

Antarctic, peninsula region (Cardot, 1901, 1907c, 1908a, 1911b, d, 1913a; Brotherus, 1924a; Bartram, 1957; Steere, 1961a; Robinson, 1972).

Antarctic, continental region (Savich-Ljubitskaya and Smirnova, 1971; Savich-Ljubitskaya, 1978).

P. papillosa (Jaeg.) Broth. (Brotherus, 1903).

Syn. *Bryum papillosum* C. Muell. (Mueller, 1848a) *hom. illeg.*
Brachymenium papillosum Jaeg. (Jaeger, 1875).

Distr. Southern South America (Bartram, 1965).

P. platyphylla Schwaegr.

Bryum platyphyllum

P. pluriseta Herz. (Herzog, 1909).

Distr. Southern South America (Robinson, 1964).

P. polycarpa (Mitt.) Broth. (Brotherus, 1903).

Syn. *Bryum polycarpum* Mitt. (Mitten, 1869).
Webera polycarpa (Mitt.) Jaeg. (Jaeger, 1875).
Webera costesii Card. et Thér. (Cardot and Thériot in Thériot, 1917b).

Distr. Southern South America (Thériot, 1917b, 1924; Costes, 1921; Brotherus, 1924a).

P. pulvinata (Kindb.) Broth.

Pohlia nutans

P. racovitzae (Card.) Broth. (Brotherus, 1903).

Syn. *Webera racovitzae* Card. (Cardot, 1900).

Distr. South Georgia (Cardot, 1900).

Antarctic, peninsula region (Cardot, 1901, 1906a, b, 1907c, 1908a, 1911b, c, d, 1912b, 1913a; Brotherus, 1903, 1924a; Wright, 1905 (as *Bryum* sp.); Paris, 1906; Dixon, 1935; Steere, 1961a).

var. *laxiretis* (Card.) Steere (Steere, 1961a).

Syn. *Webera racovitzae* Card. var. *laxiretis* Card. (Cardot, 1906b).

Distr. Antarctic, peninsula region (Cardot, 1906b, 1907c, 1908a; Horikawa and Ando, 1961 (as *Bryum inconnexum*); Steere, 1961a).

P. wahlenbergii (Web. et Mohr) Andrews (Andrews, 1935).

Syn. *Hypnum wahlenbergii* Web. et Mohr (Weber and Mohr, 1807).
Bryum wahlenbergii (Web. et Mohr) Schwaegr. (Schwaegrichen, 1816).
Webera wahlenbergii (Web. et Mohr) Fuernr. (Fürnrohr, 1829).
Mniobryum wahlenbergii (Web. et Mohr) Jenn. (Jennings, 1913).
Hypnum albicans Web. et Mohr (Weber and Mohr, 1803) *nom. nud.*
Mnium albicans Wahlenb. (Wahlenberg, 1812) *nom. illeg.*
Bryum albicans Roehl. (Röhling, 1813) *hom. illeg.*
Webera albicans Schimp. (Schimper, 1855 [1856]) *nom. illeg.*
Pohlia albicans Lindb. (Lindberg, 1879) *nom. illeg.*
Mniobryum albicans (Wahlenb.) Limpr. (Limpricht, 1892) *nom. illeg.*
Bryum austro-albicans C. Muell. (Mueller, 1884 [1883]).
Mniobryum austro-albicans (C. Muell.) Broth. (Brotherus, 1903).

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1848a; Paris, 1905a; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1938, 1939, 1954, 1957; Hosseus, 1938c, d, 1939; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

Falkland Islands (Wilson and Hooker, 1847; Mueller, 1848a; Cardot, 1905a, 1908a; Paris, 1905a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938).

South Georgia (Cardot and Brotherus, 1923; Steere, 1961b).

var. *glacialis* (Brid.) E. F. Warburg (Warburg, 1962).

Syn. *Mniobryum wahlenbergii* (Web. et Mohr) Jenn. var. *glaciale* (Brid.) Wijk et Marg. (van der Wijk and Margadant, 1959).

Bryum glaciale Brid. (Bridel, 1827a).

Bryum alticaule C. Muell. (Mueller, 1884 [1883]) *fide* Clarke, 1973a.

Webera alticaulis (C. Muell.) Kindb. (Kindberg, 1889) *fide* Clarke, 1973a.

Mniobryum alticaule (C. Muell.) Broth. (Brotherus, 1903) *fide* Clarke, 1973a.

Bryum amplirete C. Muell. (Mueller, 1890a) *fide* Clarke, 1973a.

Webera ampliretis (C. Muell.) Kindb. (Kindberg, 1891) *fide* Clarke, 1973a.

Mniobryum amplirete (C. Muell.) Broth. (Brotherus, 1903) *fide* Clarke, 1973a.

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1884, 1885, 1889; Brotherus, 1903, 1924a; Cardot, 1905a, 1908a, 1913a; Paris, 1905a; Cardot and Brotherus, 1923; Herzog, 1923, 1954; Reimers, 1926; Kühnemann, 1938; Bartram, 1952).

Falkland Islands (Wilson and Hooker, 1847; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Brotherus, 1903, 1924a; Paris, 1905a; Cardot, 1906a, 1908a; Dixon, 1932 (as *Webera inflexa* *fide* Dixon, 1934), 1934; Steere, 1961b; Clarke, 1973a; Bell, 1977b).

Polytrichadelphus

P. croceus Mitt.

Polytrichadelphus semi-angulatus

P. dendroides (Hedw.) Mitt.

Dendroligotrichum dendroides

P. horridus Mitt.

Polytrichadelphus magellanicus

P. magellanicus (Hedw.) Mitt. (Mitten, 1860).

Syn. *Polytrichum magellanicum* L. ex Hedw. (Hedwig, 1801).

Pogonatum magellanicum (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).

Catharinea magellanica (Hedw.) Brid. (Bridel, 1819).

Oligotrichum magellanicum (Hedw.) Kindb. (Kindberg, 1888).

Gymnopilum magellanicum (Hedw.) Schimp. (Schimper in Paris, 1895) *nom. inval.*

Polytrichadelphus horridus Mitt. (Mitten, 1869).

Oligotrichum horridum (Mitt.) Kindb. (Kindberg, 1888).

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Menziés, 1798; Hedwig, 1801; Bridel, 1803, 1806, 1827b; Schwaegrichen, 1816; Montagne, 1845b, 1850; Wilson and Hooker, 1847; Mueller, 1848a, 1885; Sullivant, 1859; Mitten, 1860, 1869; Duby, 1875a; Jaeger, 1875; Bescherelle, 1889; Neger, 1899; Dusén, 1903a; Cardot, 1905a, 1908a; Paris, 1905b; Rowlee, 1916; Cardot and Brotherus, 1923; Herzog, 1923, 1939, 1940, 1954; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Seki, 1974).

Falkland Islands (Dumont D'Urville, 1825; Bridel, 1827b; Wilson and Hooker, 1847; Jaeger, 1875; Mueller, 1885; Bescherelle, 1889; Cardot, 1905a, 1908a; Paris, 1905b; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

P. minimus Card.

Psilopilum minimum

P. robustus (Lindb.) Broth. (Brotherus, 1905a).

Syn. *Polytrichum robustum* Lindb. (Lindberg, 1868c).

Pogonatum robustum (Lindb.) Jaeg. (Jaeger, 1875) *hom. illeg.*

Distr. Southern South America (Lindberg, 1868c; Ångström, 1872; Jaeger, 1875; Brotherus, 1905a, 1925; Cardot, 1908a, 1913a; Cardot and Brotherus, 1923; Bartram, 1952).

P. semi-angulatus (Brid.) Mitt. (Mitten, 1869).

Syn. *Pogonatum semi-angulatum* Brid. (Bridel, 1827b).

Polytrichadelphus croceus Mitt. (Mitten, 1860).

Distr. Southern South America (Krieger, 1904).

P. squamosus (Hook. f. et Wils.) Mitt.

Dendroligotrichum squamosum

P. stricticaulis Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1905b).

P. umbrosus Mitt. (Mitten, 1869).

Syn. *Oligotrichum umbrosus* (Mitt.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Mitten, 1869; Jaeger, 1875; Paris, 1905b; Brotherus, 1925).

Polytrichastrum

P. alpinum (Hedw.) G. L. Smith

Polytrichum alpinum

P. longisetum (Brid.) G. L. Smith

Polytrichum longisetum

Polytrichum

P. affine Funck

Polytrichum alpestre

P. alpestre Hopp. (Hoppe, 1801).

Syn. *Polytrichum strictum* Menz. ex Brid. (Menzies ex Bridel, 1801a).

Polytrichum strictum Menz. ex Brid. var. *alpestre* (Hopp.) Rabenh. (Rabenhorst, 1848).

Polytrichum affine Funck (Funck, 1802).

Polytrichum juniperinum Hedw. var. *affine* (Funck) Brid. (Bridel, 1806).

Polytrichum juniperinum Hedw. var. *alpestre* (Hopp.) Roehl. (Röhling, 1813).

Polytrichum juniperinum Hedw. var. *strictum* (Brid.) Roehl. (Röhling, 1813) *nom. illeg.*

Polytrichum juniperinum Hedw. ssp. *strictum* (Brid.) Nyl. et Sael. (Nylander and Saelan, 1859).

Polytrichum macroraphis C. Muell. (Mueller, 1890a) pro parte *fide* Greene, 1973.

Distr. Southern South America (Montagne, 1850; Mueller, 1885; Bescherelle, 1889; Dusén, 1903a, 1905d; Cardot, 1905a, 1908a; Paris, 1905b; Spegazzini, 1922; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Martin, 1949).

Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Paris, 1905b; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Steere, 1961b; Greene, 1973; Bell, 1977b).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, 1908a, 1911b, d, 1913a; Paris, 1905b; Brotherus, 1925; Steere, 1961a; Greene and others, 1970; Robinson, 1972).

P. alpinum Hedw. (Hedwig, 1801).

Syn. *Pogonatum alpinum* (Hedw.) Roehl. (Röhling, 1814).

Polytrichastrum alpinum (Hedw.) G. L. Smith (Smith, 1971).

Polytrichum austro-georgicum C. Muell. (Mueller, 1890a) *fide* Greene, 1973.

Pogonatum austro-georgicum (C. Muell.) Par. (Paris, 1898).

Polytrichum nano-cephalum C. Muell. (Mueller, 1890a).

Polytrichum plurirameum C. Muell. (Mueller, 1890a) *fide* Greene, 1973.

Polytrichum timmioides C. Muell. (Mueller, 1908a) *fide* Greene, 1973.

Pogonatum alpinum (Hedw.) Roehl. var. *brevifolium* (R. Brown) Brid. (Bridel, 1927b).

Polytrichum macroraphis C. Muell. (Mueller, 1890a) pro parte *fide* Greene, 1973.

Distr. Southern South America (Cardot, 1905a, 1908a; Thériot, 1935a; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Paris, 1898, 1905b; Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Dixon, 1932; Steere, 1961b; Greene, 1973).

Antarctic, peninsula region (Cardot, 1900*, 1901*, 1906a*, b, 1907c, 1908a*, 1911b*, d*, 1913a*; Paris, 1905b*; Dixon, 1920, 1935; Brotherus, 1925*; Bartram, 1957*; Steere, 1961a*; Greene, 1968a; Greene and others, 1970; Robinson, 1972).

var. integrifolium Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

P. antarcticum Card.

Polytrichum piliferum

P. antillarum Rich.

Polytrichum juniperinum

ssp. *prionotum* (C. Muell.) Walth.

Polytrichum juniperinum* var. *tumescens

ssp. *secundulum* (C. Muell.) Walth.

Polytrichum juniperinum

ssp. *substrictum* Walth.

Polytrichum juniperinum

P. australe Hook. f. et Wils.

Psilopilum australe

*and as *Pogonatum alpinum* (Hedw.) Roehl. var. *brevifolium* (R. Brown) Brid. *fide* Greene and others, 1970.

- P. austro-georgicum* C. Muell. ***Polytrichum alpinum***
- P. breve* C. Muell. ***Polytrichum juniperinum* var. *tumescens***
- P. canaliculatum* Hook. et Arnott ***Oligotrichum canaliculatum***
- P. compressum* Hook. f. et Wils. ***Atrichopsis compressa***
- P. dendroides* Brid. ex Hedw. ***Dendrologotrichum dendroides***
- P. elongatum*** P. Beauv. (Palisot de Beauvois, 1805a).
Distr. Southern South America (Palisot de Beauvois, 1805a; Bridel, 1806, 1827b; Schwaegrichen, 1816; Mueller, 1848a; Mitten, 1869; Jaeger, 1875; Paris, 1905b; Cardot, 1908a).
- P. gracile* Dicks. ***Polytrichum longisetum***
- P. juniperifolium* Schimp. ex Par. ***Polytrichum juniperinum***
- P. juniperiforme* Schimp. ex Mitt. ***Polytrichum juniperinum***
- P. juniperinum*** Hedw. (Hedwig, 1801).
Syn. *Polytrichum juniperinum* Hedw. var. *alpinum* Schimp. (Schimper, 1860).
Polytrichum juniperinum Hedw. var. *integrum* C. Muell. (Mueller, 1848a).
Polytrichum antillarum Rich. (Richard in Bridel, 1827b) *nom. illeg.*
Polytrichum antillarum Rich. ssp. *substrictum* Walth. (Walther, 1934).
Polytrichum antillarum Rich. ssp. *secundulum* (C. Muell.) Walth. (Walther, 1934).
Polytrichum secundulum C. Muell. (Mueller, 1897b).
Polytrichum prionotrichum C. Muell. (Mueller, 1897a).
Polytrichum substrictum Hamp. (Hampe in Paris, 1897) *nom. nud.*
Polytrichum juniperiforme Schimp. ex Mitt. (Schimper ex Mitten, 1869).
Polytrichum juniperifolium Schimp. ex Par. (Schimper ex Paris, 1905b) *nom. inval.*
Distr. Southern South America (Mueller, 1848a, 1897a; Montagne, 1850; Lorentz, 1866; Mitten, 1869; Jaeger, 1875; Paris, 1897, 1905b; Dusén, 1903a, 1905d; Kurtz, 1904; Cardot, 1905a, 1908a; Thériot, 1921b, 1935a; Cardot and Brotherus, 1923; Espinosa B., 1924; Brotherus, 1925; Reimers, 1926; Roivainen, 1934; Walther, 1934; Hosseus, 1936, 1937, 1938c, d; Kühnemann, 1938; Herter, 1939b; Bartram, 1952; Bizot, 1967; Seki, 1974).
 Falkland Islands (Kühnemann, 1938).
 South Georgia (Cardot, 1906a, 1908a; Steere, 1961b; Greene, 1973).
 Antarctic, peninsula region (Greene, 1968a; Greene and others, 1970).
- ssp. *strictum* (Brid.) Nyl. et Sael. ***Polytrichum alpestre***
- var. *affine* (Funck) Brid. ***Polytrichum alpestre***
- var. *alpestre* (Hopp.) Roehl. ***Polytrichum alpestre***
- var. *alpinum* Schimp. ***Polytrichum juniperinum***
- var. *australe* Walth. (Walther, 1934) *hom. illeg.*
- Syn.* *Polytrichum spegazzinii* C. Muell. (Mueller, 1885).
Distr. Southern South America (Mueller, 1885; Neger, 1899; Paris, 1905b; Cardot, 1908a; Brotherus, 1925; Walther, 1934, 1940; Kühnemann, 1938; Herzog, 1939, 1957).
- var. *integrum* C. Muell. ***polytrichum juniperinum***
- var. *strictum* (Brid.) Roehl. ***Polytrichum alpestre***
- var. *tumescens*** (C. Muell.) Herz. (Herzog, 1916a).
Syn. *Polytrichum tumescens* C. Muell. (Mueller, 1897a).
Polytrichum prionotum C. Muell. (Mueller, 1897a).
Polytrichum breve C. Muell. (Mueller, 1897a).
Polytrichum antillarum Rich. ssp. *prionotum* (C. Muell.) Walth. (Walther, 1934).
Distr. Southern South America (Mueller, 1897a; Paris, 1905b; Brotherus, 1925; Walther, 1934).
- P. lonchopelma* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).

P. longisetum Sw. ex Brid. (Swartz ex Bridel, 1801).

Syn. *Polytrichastrum longisetum* (Brid.) G. L. Smith (Smith, 1971).
Polytrichum gracile Dicks. (Dickson in Menzies in Schrebius, 1802).

Distr. Southern South America (Herzog, 1939).

P. macroraphis C. Muell. ***Polytrichum alpestre*** pro parte and ***Polytrichum alpinum*** pro parte

P. magellanicum L. ex Hedw.

Polytrichadelphus magellanicus

P. molinae Mont.

Oligotrichum canaliculatum* var. *molinae

P. nano-cephalum C. Muell.

Polytrichum alpinum

P. noduliferum Dus.

Polytrichum piliferum

P. oligodus Kunz. ex C. Muell.

Pogonatum oligodus

P. patagonicum C. Muell.

Polytrichum piliferum

P. piliferum Hedw. (Hedwig, 1801).

Syn. *Polytrichum pilifolium* C. Muell. (Mueller, 1897a) *hom. illeg.*

Polytrichum patagonicum C. Muell. (Mueller, 1897a).

Polytrichum antarcticum Card. (Cardot, 1900) *fide* Greene and others, 1970.

Polytrichum subpiliferum Card. (Cardot, 1900).

Polytrichum trachynotum C. Muell. (Mueller, 1885).

Polytrichum noduliferum Dus. (Dusén in Paris, 1905b) *nom. nud.*

Distr. Juan Fernandez (Montagne, 1835; Paris, 1905b; Brotherus, 1925).

Southern South America (Mitten, 1869; Ångström, 1872; Mueller, 1885, 1897a; Cardot,

1900, 1901, 1905a, 1908a, 1913a; Dusén, 1903a; Kurtz, 1904; Paris, 1905b;

Spegazzini, 1922; Brotherus, 1925; Reimers, 1926; Hosseus, 1936, 1937; Herzog,

1938, 1939, 1957; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

Falkland Islands (Cardot, 1905a, 1908a; Paris, 1905b; Cardot and Brotherus, 1923;

Brotherus, 1925; Kühnemann, 1938).

South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Steere, 1961b; Greene, 1973).

Antarctic, peninsula region (Cardot, 1900, 1901, 1906a, b, 1907c, 1908a, 1911b, c, d,

1912b, 1913a; Wright, 1905; Paris, 1905b; Dixon, 1920, 1935; Brotherus, 1925;

Bartram, 1957; Steere, 1961a; Greene and others, 1970; Robinson, 1972).

P. pilifolium C. Muell.

Polytrichum piliferum

P. plurirameum C. Muell.

Polytrichum alpinum

P. plurisetum C. Muell.

Pogonatum plurisetum

var. *brevipes* C. Muell.

Pogonatum plurisetum* var. *brevipes

P. prionotrichum C. Muell.

Polytrichum juniperinum

P. prionotum C. Muell.

Polytrichum juniperinum* var. *tumescens

P. pygmaeocaulon C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

P. riedelianum Mont.

Oligotrichum riedelianum

P. robustum Lindb.

Polytrichadelphus robustus

P. secundulum C. Muell.

Polytrichum juniperinum

P. spegazzinii C. Muell.

Polytrichum juniperinum* var. *australe

P. squamosum Hook. f. et Wils.

Dendroligotrichum squamosum

P. stolonigerum C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Mueller, 1901a).

P. strictum Menz. ex Brid.

Polytrichum alpestre

var. *alpestre* (Hopp.) Rabenh.

Polytrichum alpestre

P. subpiliferum Card.

Polytrichum piliferum

P. substrictum Hamp.

Polytrichum juniperinum

P. timmiaceum C. Muell. (Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Mueller, 1901a).

- P. timmioides* C. Muell. ***Polytrichum alpinum***
P. trachynotum C. Muell. ***Polytrichum piliferum***
P. trichodon Hook. f. et Wils. ***Psilopilum trichodon***
P. tumescens C. Muell. ***Polytrichum juniperinum* var. *tumescens***
var. *pygmaeocaulon* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1905b).

- P. umbrosus*** Mitt. (Mitten in Brotherus, 1925).

Distr. Southern South America (Brotherus, 1925).

Porothamnium

- P. arbusculans*** (C. Muell.) Fleisch. (Fleischer in Cardot and Brotherus, 1923).

Syn. *Hypnum arbusculans* C. Muell. (Mueller, 1874).

Thamnium arbusculans (C. Muell.) Jaeg. (Jaeger, 1877).

Thamnium arbusculans (C. Muell.) Jaeg. var. *complanatum* C. Muell. (Mueller in Kindberg, 1902) *nom. nud.*

Porothamnium arbusculans (C. Muell.) Fleisch. var. *complanatum* Card. (Cardot in Cardot and Brotherus, 1923).

Hypnum naumanii C. Muell. (Mueller, 1884 [1883]).

Hypnodendron naumanii (C. Muell.) Kindb. (Kindberg, 1891).

Thamnium naumanii (C. Muell.) Kindb. (Kindberg, 1902).

Thamnium decumbens Besch. (Bescherelle, 1885a).

Porothamnium decumbens (Besch.) Fleisch. (Fleischer, 1908b).

Porotrichum corralense Broth. (Brotherus in Kindberg, 1902) *nom. nud.*

Thamnium corralense Broth. (Brotherus in Reimers, 1926) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b; Robinson, 1975).

Southern South America (Mueller, 1874, 1884, 1885, 1889; Jaeger, 1877; Bescherelle, 1885a, 1889; Neger, 1899; Kindberg, 1902; Paris, 1904b, 1905b; Cardot, 1908a; Fleischer, 1908b; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1960; Brotherus, 1925; Reimers, 1926; Gunckel, 1938; Kühnemann, 1938; Bizot, 1967; Seki, 1974).

var. *complanatum* Card.

Porothamnium arbusculans

P. decumbens (Besch.) Fleisch.

Porothamnium arbusculans

- P. explanatum*** (Mitt.) Fleisch. (Fleischer in Brotherus, 1925).

Syn. *Porotrichum explanatum* Mitt. (Mitten, 1869).

Thamnium explanatum (Mitt.) Kindb. (Kindberg, 1902).

Distr. Southern South America (Kindberg, 1902).

- P. fasciculatum*** (Hedw.) Fleisch. (Fleischer, 1908b).

Syn. *Hypnum fasciculatum* Hedw. (Hedwig, 1801).

Neckera fasciculata (Hedw.) Arnott (Arnott, 1827).

Porotrichum fasciculatum (Hedw.) Mitt. (Mitten, 1869).

Dendro-Hypnum fasciculatum (Hedw.) Hamp. (Hampe, 1870) *nom. inval.*

Thamnium fasciculatum (Hedw.) C. Muell. (Mueller, 1898b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959).

Southern South America (Montagne, 1850; Fleischer, 1908b).

- P. leucocaulon*** (C. Muell.) Fleisch. (Fleischer in Brotherus, 1925).

Syn. *Neckera leucocaulon* C. Muell. (Mueller, 1847c).

Porotrichum leucocaulon (C. Muell.) Mitt. (Mitten, 1869).

Thamnium leucocaulon (C. Muell.) Kindb. (Kindberg, 1902).

Distr. Southern South America (Mueller, 1847c; Montagne, 1850; Mitten, 1869; Jaeger, 1877;

Kindberg, 1902; Paris, 1905b; Cardot, 1908a; Herzog, 1923, 1938, 1940, 1957;

Brotherus, 1925; Roivainen, 1934; Gunckel, 1938; Kühnemann, 1938; Bizot, 1967).

P. lorentzii (C. Muell.) Fleisch.

Porothamnium neckeraeforme

P. mattogrossense (Broth.) Fleisch. (Fleischer in Brotherus, 1925).

Syn. *Thamnum mattogrossense* Broth. (Brotherus, 1900).

Distr. Southern South America (Brotherus, 1925; Kühnemann, 1938).

P. neckeraeforme (Hamp.) Fleisch. (Fleischer in Brotherus, 1925).

Syn. *Hypnum neckeraeforme* Hamp. (Hampe, 1866).

Porotrichum neckeraeforme (Hamp.) Mitt. (Mitten, 1869).

Thamnum neckeraeforme (Hamp.) Kindb. (Kindberg, 1902).

Porotrichum lorentzii C. Muell. (Mueller, 1879a).

Porothamnum lorentzii (C. Muell.) Fleisch. (Fleischer, 1908b).

Distr. Southern South America (Mueller, 1879a; Kindberg, 1902; Paris, 1905b; Fleischer, 1908b; Brotherus, 1925; Kühnemann, 1938).

P. panduraefolium (C. Muell.) Fleisch. (Fleischer, 1908b).

Syn. *Hypnum panduraefolium* C. Muell. (Mueller, 1855).

Porotrichum panduraefolium (C. Muell.) Mitt. (Mitten, 1869).

Thamnum panduraefolium (C. Muell.) Broth. (Brotherus, 1906b).

Porotrichum panduraeforme Kindb. (Kindberg, 1891) *err.*

Thamnum angustifolium Schimp. (Schimper in Lechler, 1857) *nom. nud. fide* Mitten, 1869.

Distr. Southern South America (Mueller, 1855; Lechler, 1857; Mitten, 1869; Jaeger, 1877; Paris, 1905b; Brotherus, 1906b, 1925; Fleischer, 1908b; Campo, 1915, 1921; Thériot, 1918; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1954, 1960; Reimers, 1926; Gunckel, 1938; Seki, 1974).

P. porrectulum (C. Muell.) Fleisch. (Fleischer in Brotherus, 1925).

Syn. *Porotrichum porrectulum* C. Muell. (Mueller, 1879a).

Thamnum porrectulum (C. Muell.) Broth. (Brotherus, 1906b).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1906b, 1925; Kühnemann, 1938).

P. valdiviae (C. Muell.) Fleisch. (Fleischer in Brotherus, 1925).

Syn. *Hypnum valdiviae* C. Muell. (Mueller, 1855).

Porotrichum valdiviae (C. Muell.) Mitt. (Mitten, 1869).

Thamnum valdiviae (C. Muell.) Kindb. (Kindberg, 1902).

Thamnum valdivicum C. Muell. (Mueller in Kindberg, 1902) *nom. nud.*

Hypnum neckera Schimp. (Schimper in Mueller, 1855) *nom. nud.*

Thamnum neckera Schimp. (Schimper in Jaeger, 1877) *nom. nud.*

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Mueller, 1855; Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Kindberg, 1902; Paris, 1905b; Cardot, 1908a; Thériot, 1918; Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Roivainen, 1934; Gunckel, 1938; Herzog, 1938, 1954, 1957, 1960; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).

var. *pallidum* (Lor.) Wijk et Marg. (van der Wijk and Margadant, 1961).

Syn. *Hypnum valdiviae* C. Muell. var. *pallidum* Lor. (Lorentz, 1866).

Porotrichum valdiviae (C. Muell.) Mitt. var. *pallidum* (Lor.) Jaeg. (Jaeger, 1877).

Distr. Southern South America (Lorentz, 1866; Paris, 1900a, 1905b).

Porotrichodendron***P. porteri*** (Thér.) Broth. (Brotherus, 1925).

Syn. *Porotrichum porteri* Thér. (Thériot, 1917b).

Distr. Southern South America (Thériot, 1917b; Brotherus, 1925).

P. robustum Broth. (Brotherus in Herzog, 1916a).

Distr. Southern South America (Bartram, 1965).

Porotrichum

P. callicostelloides Broth. ex Thér.

Pinnatella callicostelloides

P. chilense Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1918 (as *Poroathamnium valdiviae* forma minor Thér.), 1924; Costes, 1921; Brotherus, 1925).

P. cochlearifolium (Schwaegr.) Mitt.

P. confertum Mitt.

P. corralense Broth.

P. crassinervium Mitt. ex Broth.

P. explanatum Mitt.

P. fasciculatum (Hedw.) Mitt.

P. gracile (Hook. f. et Wils.) Mitt.

P. latinerve Mitt.

P. leucocaulon (C. Muell.) Mitt.

P. lorentzii C. Muell.

P. neckeraeforme (Hamp.) Mitt.

P. neckeroides (Hook.) Williams

P. panduraeforme Kindb.

P. panduraefolium (C. Muell.) Mitt.

P. pinnatelloides C. Muell.

P. porrectulum C. Muell.

P. porteri Thér.

P. rigidum Mitt.

P. thieleanum (C. Muell.) Mitt.

P. thieli Aongstr.

P. valdiviae (C. Muell.) Mitt.

var. *pallidum* (Lor.) Jaeg.

Weymouthia cochlearifolia

Thamnobryum confertum

Poroathamnium arbusculans

Thamnobryum rigidum

Poroathamnium explanatum

Poroathamnium fasciculatum

Camptochaete gracilis

Thamnobryum rigidum

Poroathamnium leucocaulon

Poroathamnium neckeraeforme

Poroathamnium neckeraeforme

Thamnium neckeroides

Poroathamnium panduraefolium

Poroathamnium panduraefolium

Pinnatella thieleana

Poroathamnium porrectulum

Porotrichodendron porteri

Thamnobryum rigidum

Pinnatella thieleana

Pinnatella thieleana

Poroathamnium valdiviae

Poroathamnium valdiviae var. *pallidum*

Pottia**P. altipes** Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924a; Kühnemann, 1938).

P. amblyophylla (Hook.) C. Muell.

Didymodon amblyophyllus

P. anderssonii Sauerb.

Pottia antarctica

P. antarctica Schimp. (Schimper in Jaeger, 1873) *nom. nud.*

Distr. Southern South America (Jaeger, 1873).

P. antarctica (Aongstr.) C. Muell. (Mueller, 1885).

Syn. *Gymnostomum antarcticum* Aongstr. (Ångström, 1872).

Gymnostomum magellanicum Aongstr. ex Par. (Ångström ex Paris, 1896) *nom. inval.*

Pottia magellanica Schimp. ex Par. (Schimper ex Paris, 1898) *hom. illeg.*

Pottia anderssonii Sauerb. (Sauerbeck in Jaeger and Sauerbeck, 1879b) *nom. illeg.*

Distr. Southern South America (Lechler, 1857; Ångström, 1872; Jaeger and Sauerbeck, 1879b; Mueller, 1885; Paris, 1898, 1905b; Dusén, 1906; Cardot, 1908a; Warnstorf, 1916; Kühnemann, 1938).

P. austro-georgica Card. (Cardot, 1906a).

Syn. *P. austro-georgica* Card. var. *microphylla* Card. et Broth. (Cardot and Brotherus, 1923) *fide* Matteri, 1977a.

Distr. Southern South America (Warnstorf, 1916).

South Georgia (Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Greene, 1968a; Matteri, 1977a).

Antarctic, peninsula region (Matteri, 1977b).

var. *microphylla* Card. et Broth.

P. brunnea (C. Muell.) Par.

P. cavifolia Ehrh. ex Fuernr.

P. charcotii Card.

Pottia austro-georgica

Didymodon brunneus

Pterygoneurum ovatum

Pottia heimii

P. chubutensis Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

P. flavipes Mont. (Montagne, 1845a).

Syn. *Pottia heimii* (Hedw.) Hamp. var. *flavipes* (Mont.) Warnst. (Warnstorf, 1916).

Pottia flaviseta Mont. (Montagne, 1888) *err.*

Tortula flaviseta Mitt. (Mitten, 1869).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Reichardt, 1870; Paris, 1905b; Warnstorf, 1916; Brotherus, 1924a; Bartram, 1942, 1943).

P. flaviseta Mont.

Pottia flavipes

P. glauco-viridis (C. Muell.) Par.

Didymodon glauco-viridis

P. gracillima (C. Muell.) Par.

Trichostomum gracillimum

P. guessfeldtii Schlieph.

Pottia heimii* var. *guessfeldtii

P. gymna (C. Muell.) Par.

Didymodon gymnus

P. heimii (Hedw.) Hamp. (Hampe, 1837a).

Syn. *Gymnostomum heimii* Hedw. (Hedwig, 1801).

Bryum heimii (Hedw.) Dicks. ex With. (Dickson ex Withering, 1801).

Desmatodon heimii (Hedw.) Mitt. (Mitten, 1864).

Tortula heimii (Hedw.) Mitt. (Mitten, 1869).

Didymodon heimii (Hedw.) Kindb. (Kindberg, 1897).

Pottia charcotii Card. (Cardot, 1911d) *fide* Matteri, 1977b.

Pottia heimii (Hedw.) Hamp. var. *charcotii* (Card.) Savicz. et Smirn. (Savich-

Ljubitskaya and Smirnova, 1963a) *fide* Matteri, 1977b.

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1849; Sullivan, 1859; Mitten, 1869; Jaeger, 1873; Dusén, 1907; Cardot, 1908a; Warnstorf, 1916; Cardot and Brotherus, 1923; Herzog, 1923; Brotherus, 1924a; Kühnemann, 1938).

Falkland Islands (Wilson and Hooker, 1847; Cardot, 1905a, 1908a).

Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Brotherus, 1924a; Bartram, 1957;

Steere, 1961a; Savich-Ljubitskaya and Smirnova, 1963a, 1965b; Robinson, 1972;

Matteri, 1977b).

var. *brevinervis* Savicz. et Smirn. (Savich-Ljubitskaya and Smirnova, 1965b).

Distr. Antarctic, continental region (Savich-Ljubitskaya and Smirnova, 1965b; Greene, 1968a; Kuc, 1969; Savich-Ljubitskaya, 1978).

var. *charcotii* (Card.) Savicz. et Smirn.

Pottia heimii

var. *eurystoma* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *flavipes* (Mont.) Warnst.

Pottia flavipes

var. *guessfeldtii* (Schlieph.) Warnst. (Warnstorf, 1916).

Syn. *Pottia guessfeldtii* Schlieph. (Schliephacke, 1884).

Stegonia guessfeldtii (Schlieph.) Hag. (Hagen in Hagen and Printz, 1929).

Distr. Southern South America (Schliephacke, 1884; Paris, 1905b; Warnstorf, 1916; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

var. *magellanica* Warnst. (Warnstorf, 1916).

Syn. *Pottia magellanica* Schimp. (Schimper in Mueller, 1885) *nom. nud.*

Pottia megapoda C. Muell. (Mueller, 1897a).

Pottia systyliopsis C. Muell. (Mueller, 1897a).

Distr. Southern South America (Jaeger, 1873; Mueller, 1897a; Paris, 1905b; Cardot, 1908a; Warnstorf, 1916; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

var. maxima Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923).

var. spegazzinii (C. Muell.) Warnst. (Warnstorf, 1916).

Syn. *Pottia spegazzinii* C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Dusén, 1903a, 1906; Paris, 1905b; Cardot, 1908a; Warnstorf, 1916; Brotherus, 1924a; Kühnemann, 1938).

var. thaxteri Card. et Thér. (Cardot and Thériot *in* Thériot, 1929c [1930]).

Distr. Southern South America (Thériot, 1929c).

P. imperfecta (C. Muell.) Par.

Barbula imperfecta

P. kunzeana C. Muell.

Hymenostylium kunzeanum

P. lamprocarpa (C. Muell.) Broth.

Tetrapterum lamprocarpum

P. lamprothecium (C. Muell.) Broth.

Tetrapterum lamprothecium

P. longirostris C. Muell.

Hymenostylium kunzeanum

P. lorentziana C. Muell.

Didymodon lorentzianus

P. lorentzii C. Muell.

Stegonia lorentzii

P. macrocarpa Schimp. (Schimper, 1836).

Syn. *Pottia macropoda* Schimp. *ex* Broth. (Schimper *ex* Brotherus, 1902) *err.*

Tortula macrocarpa (Schimp.) Mitt. (Mitten, 1869).

Hyophila macrocarpa (Schimp.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Schimper, 1836; Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Brotherus, 1902; Paris, 1905b; Warnstorf, 1916).

P. macropoda Schimp. *ex* Broth.

Pottia macrocarpa

P. magellanica Schimp.

Pottia heimii* var. *magellanica

P. magellanica Schimp. *ex* Par.

Pottia antarctica

P. megapoda C. Muell.

Pottia heimii* var. *magellanica

P. microthecia (C. Muell.) Par.

Didymodon microthecius

P. mucronata Warnst. (Warnstorf, 1916) *nom. nud.*

Distr. Southern South America (Warnstorf, 1916).

P. nuda (C. Muell.) Par.

Didymodon brunneus

P. orbignyana C. Muell.

Didymodon orbignyanus

P. ovata (Hedw.) Fuernr. *ex* Lindb.

Pterygoneurum ovatum

P. pellucida Card. (Cardot, 1911d) *nom. nud.*

Distr. Southern South America (Cardot, 1911d).

P. physcomitrioides C. Muell.

Pottia truncata

P. poeppigiana (C. Muell.) C. Muell.

Trichostomopsis australasiae

P. recurvirostra Ehrh. *ex* Hedw.

Hymenostylium recurvirostre

P. spathulato-linearis (C. Muell.) Par.

Didymodon spathulato-linearis

P. spegazzinii C. Muell.

Pottia heimii* var. *spegazzinii

P. subsessilis (Brid.) B.S.G.

Pterygoneurum subsessile

P. systylopsis C. Muell.

Pottia heimii* var. *magellanica

P. truncata (Hedw.) B.S.G. (Bruch and others, 1843).

Syn. *Gymnostomum truncatum* Hedw. (Hedwig, 1801).

Bryum truncatum (Hedw.) Brotero (Brotero, 1804).

Tortula truncata (Hedw.) Mitt. (Mitten *in* Godman, 1870).

Bryum truncatulum L. ex With. (Withering, 1801) *nom. illeg.*
Pottia truncatula (With.) Bus. (Buse, 1858) *hom. illeg.*
Tortula truncatula (With.) Lindb. (Lindberg, 1879) *nom. illeg.*
Pottia physcomitrioides C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Krieger, 1904; Paris, 1905b; Felippone, 1909; Warnstorf, 1916; Brotherus, 1924a; Herter, 1933a; Kühnemann, 1938).

P. truncatula (With.) Bus.

Pottia truncata

Pseudocrossidium

P. chilense Williams (Williams, 1915).

Distr. Southern South America (Williams, 1915; Brotherus, 1924a; Hilpert, 1933).

P. leucocalyx (Mont.) Thér. (Thériot, 1923a [1921]).

Syn. *Tortula leucocalyx* Mont. (Montagne, 1838).
Barbula leucocalyx (Mont.) C. Muell. (Mueller, 1849).
Barbula pachyneura Dus. (Dusén, 1906).
Pseudocrossidium pachyneuron (Dus.) Thér. (Thériot, 1921a).

Distr. Southern South America (Montagne, 1838, 1839c, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1873; Paris, 1904a; Dusén, 1906; Thériot, 1917b, 1921a, 1922, 1923a; Costes, 1921; Brotherus, 1924a, c; Espinosa B., 1941; Skottsberg, 1950).

P. pachyneuron (Dus.) Thér.

Pseudocrossidium leucocalyx

Pseudocryphaea

P. flagellifera (Brid.) Britt. (Britton in Brotherus, 1925).

Syn. *Pilotrichum flagellifera* Brid. (Bridel, 1827b).

Distr. Southern South America (Hosseus, 1940; Herzog, 1952a).

Pseudodistichium

P. atlanticum* Dix. (Dixon in Dixon and Fleischer, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937; Robinson, 1964).

P. austro-georgicum Card. (Cardot, 1905b).

Distr. Southern South America (Roivainen and Bartram, 1937; Kühnemann, 1938).
 Falkland Islands (Brotherus, 1924a; Kühnemann, 1938).
 South Georgia (Cardot, 1905b, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b).

var. longifolium Broth. (Brotherus in Cardot and Brotherus, 1923).

Syn. *Pseudodistichium falklandicum* Card. (Cardot in Cardot and Brotherus, 1923) *nom. nud.*

Distr. Southern South America (Roivainen and Bartram, 1937; Kühnemann, 1938).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

P. falklandicum Card.

Pseudodistichium austro-georgicum* var. *longifolium

P. fuegianum Roiv. (Roivainen in Roivainen and Bartram, 1937).

Distr. Southern South America (Roivainen and Bartram, 1937; Kühnemann, 1938).
 Antarctic, peninsular region (Robinson, 1972).

P. taitaoense* Froehl. (Froehlich, 1953).

Distr. Southern South America (Froehlich, 1953; Seki, 1974).

Pseudoleskea

P. antarctica Card.

Hygroamblystegium antarcticum

P. calochroa Card.

Hygroamblystegium calochroum

P. catenulatula C. Muell.

Leskeadelphus catenulatulus

*According to Robinson (1972), both of these species are synonyms of *Ditrichum conicum* (Mont.) Mitt.

- P. filum* (C. Muell.) Par.
P. fuegiana (Besch.) Broth.
 var. *gracilis* Card. et Broth.
 var. *skottsbergii* Card.
P. laplatae C. Muell.
P. lurida Card.
P. microphylla (Hedw.) Sauerb.
P. platyphylla Card.
P. pseudogracilis (C. Muell.) Par.
P. siambonica C. Muell.
P. sordidoviridis Card. et Broth.
P. strictula Card.
P. uruguensis C. Muell.

- Hygroamblystegium filum*
Hygroamblystegium fuegianum
Hygroamblystegium fuegianum var. *gracilis*
Hygroamblystegium fuegianum var. *skottsbergii*
Haplocladium microphyllum
Hygroamblystegium luridum
Haplocladium microphyllum
Hygroamblystegium platyphyllum
Haplocladium microphyllum
Raiiella siambonica
Hygroamblystegium sordidoviride
Hygroamblystegium strictulum
Haplocladium microphyllum

Pseudoscleropodium

- P. pseudopurum*** (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Cuspidaria pseudo-pura* C. Muell. (Mueller, 1897a).
Hypnum pseudo-purum (C. Muell.) Par. (Paris, 1900a).
Scleropodium pseudo-purum (C. Muell.) Broth. (Brotherus, 1908).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1905a; Brotherus, 1908, 1925; Kühnemann, 1938).

Psilopilum

- P. angulatum*** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

P. antarcticum (C. Muell.) Par.

Psilopilum trichodon

- var. ***densifolium*** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
 Falkland Islands (Cardot and Brotherus, 1923).

- P. australe*** (Hook. f. et Wils.) Mitt. (Mitten, 1860).

Syn. *Polytrichum australe* Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Distr. Southern South America (Wilson, 1854).

- P. compressum* (Hook. f. et Wils.) Mitt.

Atrichopsis compressa

- P. cuspidatum*** Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

- P. gymnostomulum*** (C. Muell.) Par. (Paris, 1898).

Syn. *Catharinea gymnostomula* C. Muell. (Mueller, 1879a).
Oligotrichum gymnostomulum (C. Muell.) Kindb. (Kindberg, 1889).
Catharinea gymnostoma C. Muell. ex Par. (Mueller ex Paris, 1894) *err.*

Distr. Southern South America (Mueller, 1879a, 1885; Paris, 1898, 1905b; Brotherus, 1925; Hosseus, 1936, 1937; Kühnemann, 1938).
 Falkland Islands (Mueller, 1885).

- P. magellanicum* Dus.

Psilopilum trichodon

- P. minimum*** (Card.) G. L. Smith (Smith, 1969a).

Syn. *Polytrichadelphus minimus* Card. (Cardot, 1905a).

Distr. Juan Fernandez (Brotherus, 1924b (as *Psilopilum antarcticum* fide Smith, 1969a); Smith, 1969a).

Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923 (as *Psilopilum compressum* fide Smith, 1969a); Brotherus, 1925; Smith, 1969a).

P. subtapes Dus.

Psilopilum tapes* var. *apiculatum

P. tapes (C. Muell.) Par. (Paris, 1898).

Syn. *Catharinea tapes* C. Muell. (Mueller, 1890a).
Oligotrichum tapes (C. Muell.) Kindb. (Kindberg, 1891).

Distr. Southern South America (Cardot, 1913a; Brotherus, 1925).
South Georgia (Mueller, 1890a; Paris, 1898, 1905b; Cardot, 1908a; Brotherus, 1925;
Steere, 1961b; Greene, 1973).

var. *apiculatum* Card. (Cardot, 1908a).

Syn. *Psilopilum subtapes* Dus. (Dusén in Cardot, 1908a) *nom. nud.*

Distr. Southern South America (Cardot, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938).

P. trichodon (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Syn. *Polytrichum trichodon* Hook. f. et Wils. (Hooker and Wilson in Wilson, 1847).
Catharinea antarctica C. Muell. (Mueller, 1884 [1883]).
Oligotrichum antarcticum (C. Muell.) Kindb. (Kindberg, 1889).
Psilopilum antarcticum (C. Muell.) Par. (Paris, 1898) fide Smith, 1971.
Psilopilum trichodon (Hook. f. et Wils.) Mitt. var. *antarcticum* Mitt. ex Par. (Mitten ex
Paris, 1898) *err.*
Psilopilum magellanicum Dus. (Dusén, 1905b).

Distr. Southern South America (Cardot, 1905a, 1908a; Dusén, 1905b; Brotherus, 1925;
Kühnemann, 1938).
Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).
South Georgia (Mueller, 1890a; Paris, 1898, 1905b; Cardot, 1906a, 1908a; Dixon, 1920;
Brotherus, 1925; Steere, 1961b; Greene, 1973).
Antarctic, peninsula region (Greene, 1968a; Greene and others, 1970).

var. *antarcticum* Mitt.

Psilopilum trichodon

Pterigynandrum

P. austro-alpinum C. Muell.

Leptopterigynandrum austro-alpinum

P. bicolor Lindb. ex Aongstr.

Erythrodonium squarrosum

P. julaceum Hedw.

Leucodon julaceus

P. longirostre Brid.

Diplostichum longirostre

P. smithii (Hedw.) Lam. et Cand.

Leptodon smithii

Pterobryon

P. densum Hornsch. (Hornschuch, 1840).

Syn. *Pterobryon densum* Hornsch. var. *condensatum* Lor. (Lorentz in Arzeni, 1954) *nom. nud.*

Pterobryon lorentzii C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938).

var. *condensatum* Lor.

Pterobryon densum

P. lorentzii C. Muell.

Pterobryon densum

P. stolonaceum C. Muell.

Pterobryopsis stolonacea

Pterobryopsis

P. stolonacea (C. Muell.) Broth. (Brotherus, 1906).

Syn. *Pterobryon stolonaceum* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1906, 1925; Herzog, 1952a).

var. *dilatata* Herz. (Herzog, 1952a) *nom. nud.*

Distr. Southern South America (Herzog, 1952a).

Pterogoniadelphus

P. montevidensis (C. Muell.) Fleisch.

Felipponea montevidensis

Pterogoniopsis

P. cylindrica C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938).

Pterogonium

P. julaceum (Hedw.) Schwaegr.

Leucodon julaceus

Pterygoneurum

P. cavifolium Jur.

Pterygoneurum ovatum

P. ovatum (Hedw.) Dix. (Dixon, 1933 [1934]).

Syn. *Gymnostomum ovatum* Hedw. (Hedwig, 1801).
Barbula ovata (Hedw.) Schimp. (Schimper *in* Lindberg, 1864a) *nom. inval.*
Pottia ovata (Hedw.) Fuernr. ex Lindb. (Fürnrohr ex Lindberg, 1864a) *nom. inval.*
Pottia cavifolia Ehrh. ex Fuernr. (Fürnrohr, 1829) *hom. illeg.*
Barbula cavifolia Schimp. (Schimper, 1860).
Desmatodon cavifolius Mitt. (Mitten, 1864) *nom. illeg.*
Pterygoneurum cavifolium Jur. (Juratzka, 1882) *nom. illeg.*
Pterygophyllum cavifolium Amann (Amann, 1916) *err.*
Tortula pusilla Mitt. (Mitten, 1869).

Distr. Southern South America (Dusén, 1906; Warnstorf, 1916).

P. roseae Williams

Aloina roseae

P. subsessile (Brid.) Jur. (Juratzka, 1882).

Syn. *Gymnostomum subsessile* Brid. (Bridel, 1806).
Schistidium subsessile (Brid.) Brid. (Bridel, 1819).
Anictangium subsessile (Brid.) Grev. et Arnott (Greville and Arnott, 1824).
Anoectangium subsessile (Brid.) Spreng. (Sprengel, 1827).
Pottia subsessilis (Brid.) B.S.G. (Bruch and others, 1843).
Pharomitrium subsessile (Brid.) Schimp. (Schimper, 1860).
Tortula subsessilis (Brid.) Mitt. (Mitten, 1869).
Anoectangium acaule (Web. et Mohr) Roehl. (Röhling, 1809).

Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1905b).

Pterygophyllum hom. illeg.

P. anomalum (Schwaegr.) Mitt.

Achrophyllum anomalum

var. *pallidum* Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Welch, 1969; Seki, 1974).

P. apiculatum (Hook. f. et Wils.) Jaeg.

Eriopus apiculatus

P. arcuatum (Hedw.) Brid.

Hypnodendron arcuatum

P. cavifolium Amann

Pterygoneurum ovatum

P. chonoticum Mitt. (Mitten, 1885).

Distr. Southern South America (Mitten, 1885; Paris, 1905b; Cardot, 1908a; Brotherus, 1925; Welch, 1969).

P. crassirete Matteri (Matteri, 1972).

Syn. *Hookeria obscura* Mont. (Montagne, 1845a).
Pterygophyllum obscurum (Mont.) Mitt. (Mitten, 1869) *hom. illeg.*

Distr. Juan Fernandez (Brotherus, 1924b).
Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1851a; Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Neger, 1899; Paris, 1905b; Cardot, 1908a; Herzog, 1923, 1939, 1960; Brotherus, 1925; Reimers, 1926; Welch, 1969; Matteri, 1972; Seki, 1974).

Falkland Islands (Cardot, 1905a, 1908a; Kühnemann, 1938).

P. dentatum (Hook. f. et Wils.) Dix.

Achrophyllum dentatum

P. denticulatum Mitt.

Achrophyllum dentatum

P. fragile Mitt. (Mitten, 1885).

Distr. Southern South America (Mitten, 1885; Paris, 1905b; Brotherus, 1925; Welch, 1969).

P. haesselianum Matteri (Matteri, 1972).

Distr. Southern South America (Matteri, 1972, 1975a; Seki, 1974).

P. lamellatum Dus. (Dusén, 1903a) *nom. nud.*

Syn. *Hepaticina lamellata* Fleisch. (Fleischer, 1922) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Fleischer, 1922).

P. magellanicum Besch. (Bescherelle, 1889).

Distr. Southern South America (Bescherelle, 1889; Hariot, 1891; Paris, 1905b; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938; Welch, 1969; Matteri, 1972, 1975a; Seki, 1974).
Falkland Islands (Matteri, 1972).

var. *oligodontium* Matteri (Matteri, 1972).

Distr. Southern South America (Matteri, 1972, 1975a; Seki, 1974).

P. nigellum (Hook. f. et Wils.) Mitt.

Achrophyllum dentatum

P. obscurum (Mont.) Mitt.

Pterygophyllum crassirete

P. peruncinatum Fleisch. (Fleischer, 1922) *nom. nud.*

Syn. *Hepaticina peruncinata* Dus. (Dusén *in* Fleischer, 1922) *nom. nud.*

Distr. Southern South America (Fleischer, 1922).

P. rigidum (Schwaegr.) Brid.

Lepidopilum polytrichoides

P. sublimbatum (C. Muell.) Mitt.

Cyclodictyon sublimbatum

P. tenuinerve Broth.

Achrophyllum tenuinerve

Ptychomitrium

P. aligrimmioides Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1925; Kühnemann, 1938).

P. balansae Besch. (Bescherelle, 1877).

Syn. *Glyphomitrium balansae* (Besch.) Broth. (Brotherus, 1902).

Brachysteleum brevifolium C. Muell. (Mueller, 1879a).

Ptychomitrium brevifolium (C. Muell.) Kindb. (Kindberg, 1889).

Glyphomitrium brevifolium (C. Muell.) Broth. (Brotherus, 1902).

Brachysteleum uruguense C. Muell. (Mueller, 1882).

Ptychomitrium uruguense (C. Muell.) Kindb. (Kindberg, 1889).

Glyphomitrium uruguense (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Mueller, 1879a, 1882; Brotherus, 1902, 1918, 1925; Kurtz, 1904; Paris, 1905b; Williams, 1930; Herter, 1933a, 1943; Hosseus, 1935b, 1936, 1939; Kühnemann, 1938; Herzog, 1952a; Bizot and Piovano, 1953; Piovano, 1954).

P. brevifolium (C. Muell.) Kindb.

Ptychomitrium balansae

P. chimborazense (Mitt.) Jaeg. **var. *obtusifolium*** (Thér.) Broth. (Brotherus, 1925).

Syn. *Brachysteleum chimborazense* (Mitt.) Thér. *var. obtusifolium* Thér. (Thériot, 1923b).

Distr. Southern South America (Thériot, 1923b; Brotherus, 1925).

P. crispatum (Hedw.) Jaeg. (Jaeger, 1874).

- Syn.* *Encalypta crispata* Hedw. (Hedwig, 1801).
Orthotrichum crispatum (Hedw.) Hook. et Grev. (Hooker and Greville, 1824a).
Ulota crispata (Hedw.) Sw. (Swartz in Hooker and Greville, 1824a) *nom. inval.*
Brachypodium crispatum (Hedw.) Brid. (Bridel, 1826).
Brachysteleum crispatum (Hedw.) Hornsch. (Hornschuch, 1840).
Notarisia crispata (Hedw.) Mont. (Montagne, 1840b).

- Distr.* Juan Fernandez (Montagne, 1850; Johow, 1896).
 Southern South America (Hornschuch, 1840; Montagne, 1850).

P. cummingii Dub.***Ptychomitrium fernandesianum******P. deltorii*** (Thér.) Broth. (Brotherus, 1925).

- Syn.* *Brachysteleum deltorii* Thér. (Thériot, 1921a).
Distr. Southern South America (Thériot, 1921a; Brotherus, 1925).

P. emersum (C. Muell.) Kindb. (Kindberg, 1889).

- Syn.* *Brachysteleum emersum* C. Muell. (Mueller, 1882).
Glyphomitrium emersum (C. Muell.) Broth. (Brotherus, 1902).
Distr. Southern South America (Mueller, 1882; Brotherus, 1902, 1918, 1925; Paris, 1905b; Kühnemann, 1938).

P. felipponei Thér. (Thériot in Felippone, 1929 [1930]).

- Distr.* Southern South America (Felippone, 1929; Herter, 1933a).

P. fernandesianum (Mitt.) Jaeg. (Jaeger, 1874).

- Syn.* *Glyphomitrium fernandesianum* Mitt. (Mitten, 1860).
Ptychomitrium cummingii Dub. (Duby, 1880a).
Brachysteleum cummingii (Dub.) Hamp. (Hampe, 1880a).
Glyphomitrium cummingii (Dub.) Broth. (Brotherus, 1902).
Distr. Juan Fernandez (Mitten, 1860, 1885; Jaeger, 1874; Johow, 1896; Paris, 1905b; Skottsberg, 1914; Brotherus, 1924b, 1925; Espinosa B., 1941; Robinson, 1975).
 Southern South America (Duby, 1880a, b; Brotherus, 1902, 1925; Paris, 1905b; Thériot, 1935a).

var. *majus* Broth. (Brotherus, 1924b).

- Distr.* Juan Fernandez (Brotherus, 1924b).

P. hieronymi Besch. (Bescherelle, 1891).

- Syn.* *Glyphomitrium hieronymi* (Besch.) Broth. (Brotherus, 1902).
Distr. Southern South America (Bescherelle, 1891; Brotherus, 1902, 1925; Paris, 1905b; Kühnemann, 1938).

P. ligulatum (Mitt.) Jaeg. (Jaeger, 1874).

- Syn.* *Glyphomitrium ligulatum* Mitt. (Mitten, 1869).
Brachysteleum ligulatum (Mitt.) C. Muell. (Mueller, 1885).
Distr. Southern South America (Mitten, 1869; Jaeger, 1874; Mueller, 1885; Paris, 1905b; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

P. sellowianum (C. Muell.) Jaeg. (Jaeger, 1874).

- Syn.* *Brachysteleum sellowianum* C. Muell. (Mueller, 1849).
Glyphomitrium sellowianum (C. Muell.) Mitt. (Mitten, 1869).
Brachysteleum sellowii Aongstr. (Ångström, 1876a) *hom. illeg.*
Ptychomitrium sellowii C. Muell. ex Kindb. (Mueller ex Kindberg, 1888) *hom. illeg.*
Distr. Southern South America (Mueller, 1849; Mitten, 1869; Gibert, 1873; Jaeger, 1874; Krieger, 1904; Paris, 1905b; Brotherus, 1925; Herter, 1933a).

var. *uruguense* Thér. (Thériot in Felippone, 1929 [1930]).

- Distr.* Southern South America (Felippone, 1929).

P. sellowii C. Muell. ex Kindb.

Ptychomitrium sellowianum

P. uruguense (C. Muell.) Kindb.

Ptychomitrium balansae

P. vernicosum (C. Muell.) Kindb. (Kindberg, 1889).

Syn. Brachysteleum vernicosum C. Muell. (Mueller, 1882).

Glyphomitrium vernicosum (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Mueller, 1882; Brotherus, 1902, 1925; Paris, 1905b; Kühnemann, 1938).

Ptychomnion

P. aciculare (Brid.) Mitt. (Mitten, 1869).

Syn. Hypnum aciculare Brid. (Bridel, 1801b).

Stereodon acicularis (Brid.) Mitt. (Mitten, 1860).

Hypnum cucullifolium P. Beauv. (Palisot de Beauvois, 1805a).

Distr. Juan Fernandez (Montagne, 1835; Mitten, 1869, 1885; Johow, 1896; Paris, 1905b). Southern South America (Palisot de Beauvois, 1805a; Bridel, 1817, 1819, 1827b; Wilson and Hooker, 1847; Montagne, 1850; Mueller, 1851a; Sullivant, 1859; Lorentz, 1866; Mitten, 1869; Ångström, 1872; Jaeger and Sauerbeck, 1879a; Eaton, 1892; Paris, 1905b; Cardot, 1908a; Kühnemann, 1938; Bartram, 1952; Kühnemann and Gonçalves, 1975).

P. cygnisetum (C. Muell.) Kindb. (Kindberg, 1888).

Syn. Hypnum cygnisetum C. Muell. (Mueller, 1885).

Ectropothecium cygnisetum C. Muell. (Mueller in Mitten, 1883) *nom. nud.*

Eurhynchium cygnisetum C. Muell. (Mueller in Jaeger, 1878) *nom. nud.*

Hylocomium splendidissimum De Not. (De Notaris in Bescherelle, 1889) *nom. nud.*

Distr. Juan Fernandez (Robinson, 1975).

Southern South America (Mueller, 1885; Bescherelle, 1889; Hariot, 1891; Neger, 1899; Paris, 1905b; Cardot, 1908a; Campo, 1915; Thériot, 1915; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1957, 1960; Brotherus, 1924c, 1925; Reimers, 1926; Kühnemann, 1938; Skottsberg, 1950; Robinson, 1970b; Seki, 1974; Kühnemann and Gonçalves, 1975).

var. chilense Broth. (Brotherus in Espinosa B., 1941) *nom. nud.*

Distr. Southern South America (Espinosa B., 1941).

P. densifolium (Brid.) Jaeg. (Jaeger and Sauerbeck, 1879a).

Syn. Hypnum densifolium Brid. (Bridel, 1812).

Stereodon densifolius (Brid.) Mitt. (Mitten, 1860).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Roivainen, 1934; Kühnemann, 1938; Robinson, 1970b; Seki, 1974; Kühnemann and Gonçalves, 1975).

var. gracile Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann and Gonçalves, 1975).

P. falciculatum Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Robinson, 1975; Kühnemann and Gonçalves, 1975).

var. gracilescens Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Kühnemann and Gonçalves, 1975).

P. fruticetorum C. Muell. (Mueller, 1898c).

Distr. Southern South America (Bizot, 1967).

P. horridum Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann and Gonçalves, 1975).

P. ptychocarpum (Schwaegr.) Mitt. (Mitten, 1869).

- Syn.* *Hypnum ptychocarpum* Schwaegr. (Schwaegrichen, 1844 [1845]).
Stereodon ptychocarpum (Schwaegr.) Mitt. (Mitten, 1860).
Leskea gayana Mont. (Montagne, 1845a).
Hypnum gayanum (Mont.) Lor. (Lorentz, 1866).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
 Southern South America (Mueller, 1844*b*, 1851*a*; Schwaegrichen, 1844; Montagne, 1845*a*, 1850, 1856; Lorentz, 1866; Mitten, 1869; Jaeger and Sauerbeck, 1879*a*; Bescherelle, 1889; Paris, 1905*b*; Cardot, 1908*a*; Thériot, 1918, 1935*a*; Campo, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1957, 1960; Brotherus, 1925; Reimers, 1926; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Robinson, 1970*b*; Seki, 1974; Kühnemann and Gonçalves, 1975).

P. subaciculare Besch. (Bescherelle, 1885*a*).

Distr. Juan Fernandez (Paris, 1905*b*; Brotherus, 1924*b*, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1970*b*; Kühnemann and Gonçalves, 1975).
 Southern South America (Bescherelle, 1885*a*, 1889; Paris, 1905*b*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Robinson, 1970*b*; Seki, 1974).

Pulvinella***P. albicans*** Broth. et Herz. (Brotherus and Herzog *in* Herzog, 1928).

Distr. Southern South America (Herzog, 1928).

Racomitrium

R. aciculare (Hedw.) Brid. var. *aquaticum* (Schrad.) Hueb.

Racomitrium aquaticum***R. andreaeoides*** Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954; Seki, 1974).

R. aquaticum (Schrad.) Brid. (Bridel, 1819).

- Syn.* *Trichostomum aquaticum* Brid. ex Schrad. (Bridel ex Schrader, 1803*a*).
Grimmia aquatica (Schrad.) C. Muell. (Mueller, 1849).
Trichostomum aciculare (Hedw.) P. Beauv. var. *aquaticum* (Schrad.) Web. et Mohr ex Brid. (Weber and Mohr ex Bridel, 1826) *nom. inval.*
Racomitrium aciculare (Hedw.) Brid. var. *aquaticum* (Schrad.) Hueb. (Hübener, 1833).
Trichostomum protensum Braun (Braun *in* Schultz, 1828).
Racomitrium protensum (Braun) Hueb. (Hübener, 1833).
Grimmia protensum (Braun) Mitt. (Mitten, 1879).

Distr. Southern South America (Paris, 1905*b*; Cardot, 1908*a*).

R. austro-canescens Dus. (Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938).

R. austro-georgicum Par. (Paris, 1895).

- Syn.* *Grimmia austro-patens* C. Muell. (Mueller, 1890*a*).
Racomitrium substenocladum Card. (Cardot, 1911*d*) *fide* Bell, 1973*c*.
Racomitrium skottsbergii Card. et Broth. (Cardot and Brotherus, 1923).
Grimmia austro-georgica C. Muell. ex Par. (Mueller ex Paris, 1905*b*) *nom. inval.*

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938; Roivainen, 1955*a*).

South Georgia (Mueller, 1890*a*; Paris, 1895, 1905*b*; Cardot, 1906*a*, 1908*a*; Cardot and Brotherus, 1923; Steere, 1961*b*; Bell, 1974).

Antarctic, peninsula region (Cardot, 1911*b*, *d*, 1913*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Steere, 1961*a*; Bell, 1973*c*).

var. *kranckii* Roiv. (Roivainen, 1955*a*).

Distr. Southern South America (Roivainen, 1955*a*).

R. bartramii (Roiv.) H. Robinson (Robinson, 1974).

Syn. *Bucklandia bartramii* Roiv. (Roivainen, 1955b).
Bucklandiella bartramii Roiv. (Roivainen, 1972).

Distr. Southern South America (Roivainen, 1955b, 1972; Robinson, 1974).

R. convolutum Mont.

Racomitrium crispulum

R. crispipilum (Tayl.) Jaeg. (Jaeger, 1874).

Syn. *Trichostomum crispipilum* Tayl. (Taylor, 1846).

Distr. Juan Fernandez (Robinson, 1975).

R. crispulum (Hook. f. et Wils.) Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Syn. *Dryptodon crispulus* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Grimmia crispula (Hook. f. et Wils.) C. Muell. (Mueller, 1849) *hom. illeg.*
Racomitrium convolutum Mont. (Montagne, 1845a).
Grimmia convoluta (Mont.) C. Muell. (Mueller, 1851a).
Grimmia nigrita C. Muell. (Mueller, 1849) *hom. illeg. fide* Bell, 1974.
Racomitrium nigratum Jaeg. (Jaeger, 1874) *fide* Bell, 1974.

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b; Bartram, 1959; Robinson, 1975).
Southern South America (Montagne, 1845a, 1856; Hooker, 1847; Mueller, 1849, 1851a, 1885; Mitten, 1869; Jaeger, 1874; Paris, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1938, 1954; Kühnemann, 1938; Bartram, 1952; Roivainen, 1955a; Seki, 1974).
South Georgia (Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Bell, 1974).
Antarctic, peninsula region (Robinson, 1972; Bell, 1973c).

var. rupestre (Hook. f. et Wils.) Dix. (Dixon, 1926).

Syn. *Dryptodon rupestris* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Grimmia rupestris (Hook. f. et Wils.) C. Muell. (Mueller, 1849).
Racomitrium rupestre (Hook. f. et Wils.) Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Distr. Southern South America (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1849, 1885; Sullivant, 1859; Mitten, 1869; Jaeger, 1874; Bescherelle, 1889; Eaton, 1892; Cardot, 1905a, 1908a; Paris, 1905b; Dusén, 1907; Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1925a; Roivainen, 1934, 1955a; Bartram, 1952; Seki, 1974).
South Georgia (Cardot, 1906a; Bell, 1974).

R. didymum (Mont.) Lor. (Lorentz, 1866).

Syn. *Grimmia didyma* Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Lorentz, 1866; Mitten, 1869; Jaeger, 1874; Paris, 1905b; Brotherus, 1924a; Reimers, 1926; Thériot, 1935a; Herzog, 1938, 1939, 1954, 1960; Seki, 1974).

R. flavescens Card.

Racomitrium symphyodontum

R. flavo-pallidum Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1905b).

R. geminatum Roiv. (Roivainen, 1955a).

Distr. Southern South America (Roivainen, 1955a).

R. geronticum C. Muell.

Racomitrium lanuginosum

R. glaciale Kindb.

Racomitrium lanuginosum

R. grimmioides Herz. (Herzog, 1957).

Distr. Southern South America (Herzog, 1957).

R. heterostichoides Card. (Cardot, 1905a).

Syn. *Racomitrium horridum* Dus. (Dusén in Roivainen, 1955a) *nom. nud.*

Distr. Southern South America (Cardot, 1905a, 1908a; Dusén, 1907; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Roivainen, 1955a).
Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
South Georgia (Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Bell, 1974).

var. *acutifolium* Dus.

Racomitrium subulifolium

R. heterostichum (Hedw.) Brid. (Bridel, 1819).

Syn. *Trichostomum heterostichum* Hedw. (Hedwig, 1801).
Bryum heterostichum (Hedw.) Dicks. (Dickson, 1801).
Grimmia heterosticha (Hedw.) C. Muell. (Mueller, 1849).

Distr. Southern South America (Herzog, 1938).
Falkland Islands (Wilson and Hooker, 1847; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

R. horridum Dus.

Racomitrium heterostichoides

R. hyalino-cuspidatum (C. Muell.) Kindb.

Grimmia hyalino-cuspidata

R. hypnoides Lindb.

Racomitrium lanuginosum

var. *senile* Lindb.

Racomitrium lanuginosum

R. integripilum Dus. (Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938; Herzog, 1954).

R. laevigatum Jaeg. (Jaeger, 1874).

Syn. *Grimmia laevigata* Mitt. (Mitten, 1869) *hom. illeg.*

Distr. Juan Fernandez (Robinson, 1975).
Southern South America (Mitten, 1869; Jaeger, 1874; Dusén, 1903a, 1907; Paris, 1905b; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

R. lamprocarpum (C. Muell.) Jaeg. (Jaeger, 1874).

Syn. *Grimmia lamprocarpa* C. Muell. (Mueller, 1849).

Distr. Falkland Islands (Wilson and Hooker, 1847 (as *R. protensum* var. *fide* Mueller, 1849); Mueller, 1849; Jaeger, 1874; Paris, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

R. lanuginosum (Hedw.) Brid. (Bridel, 1819).

Syn. *Trichostomum lanuginosum* Hedw. (Hedwig, 1801).
Bryum lanuginosum (Hedw.) Brotero (Brotero, 1804).
Grimmia lanuginosa (Hedw.) C. Muell. (Mueller, 1849).
Bryum hypnoides L. ex With. (Linnaeus ex Withering, 1801) *nom. illeg.*
Trichostomum hypnoides Willd. ex P. Beauv. (Willdenow ex Palisot de Beauvois, 1822) *nom. illeg.*
Racomitrium hypnoides Lindb. (Lindberg, 1866 [1867]) *nom. illeg.*
Racomitrium hypnoides Lindb. var. *senile* Lindb. (Lindberg, 1866 [1867]) *nom. nud.*
Racomitrium senile Schimp. (Schimper in Jaeger, 1874) *nom. nud.*
Racomitrium puccioanum De Not. (De Notaris, 1859).
Grimmia glacialis C. Muell. (Mueller, 1890a) *hom. illeg.*
Racomitrium glaciale Kindb. (Kindberg, 1891).
Racomitrium geronticum C. Muell. (Mueller, 1869).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Bridel, 1819; Montagne, 1845b. 1850; Wilson and Hooker, 1847; Sullivant, 1859; De Notaris, 1859; Lorentz, 1866; Mitten, 1869; Mueller, 1869, 1885; Jaeger, 1874; Beschereille, 1889; Hariot, 1891; Neger, 1899; Cardot, 1900, 1901, 1905a, 1908a; Dusén, 1903a, 1907; Krieger, 1904; Paris, 1905b; Middleton, 1909; Thériot, 1921a; Cardot and Brotherus, 1923; Brotherus, 1924a; Reimers, 1926; Herzog, 1938, 1940, 1954, 1957, 1960; Kühnemann, 1938; Bartram, 1952; Roivainen, 1955a; Gunckel, 1971; Seki, 1974).

Falkland Islands (Dumont d'Urville, 1825; Gaudichaud, 1825. 1826; Wilson and Hooker, 1847; Paris, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938).

South Georgia (Mueller, 1890a; Paris, 1905b; Cardot, 1906a, 1908a; Dixon, 1920, 1932; Brotherus, 1924a; Steere, 1961b; Bell, 1974, 1977b).
Antarctic, peninsula region (Dixon, 1935; Greene, 1968a; ? error see Bell, 1973c).

R. limbatum Bartr.

Racomitrium subnigrum

R. looseri Thér. (Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b).

R. loriforme Dus.

Racomitrium willii

R. nigrum Jaeg.

Racomitrium crispulum

R. pachydictyon Card. (Cardot, 1908a).

Syn. *Racomitrium symphyodontum* (C. Muell.) Par. var. *muticum* Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a (and as *R. flavescens pro parte* and *R. rupestre pro parte fide* Cardot, 1908a), 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1938; Kühnemann, 1938; Roivainen, 1955a; Seki, 1974).

South Georgia (Cardot, 1908a; Brotherus, 1924a; Steere, 1961b; Bell, 1974).

R. pachyneuron Herz. (Herzog, 1957).

Distr. Southern South America (Herzog, 1939, 1954, 1957, 1960; Seki, 1974).

R. patagonicum Par. (Paris, 1905b) *nom. nud.*

Syn. *Racomitrium subnigrum* Dus. (Dusén in Paris, 1905b) *nom. nud.*

Distr. Southern South America (Paris, 1905b).

R. plicatum Herz. (Herzog in Donat, 1936a).

Distr. Southern South America (Donat, 1936a; Seki, 1974).

R. protensum (Braun) Hueb.

Racomitrium aquaticum

R. ptychophyllum (Mitt.) Mitt. (Mitten in Hooker, 1867).

Syn. *Grimmia ptychophylla* Mitt. (Mitten in Lindsay, 1866).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938; Bartram, 1952).

Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

South Georgia (Cardot, 1906a, 1908a; Steere, 1961b; Bell, 1974).

R. puccioanum De Not.

Racomitrium lanuginosum

R. rupestre (Hook. f. et Wils.) Hook. f. et Wils.

Racomitrium crispulum* var. *rupestre

R. scabrifolium Bartr.

Racomitrium willii

R. senile Schimp.

Racomitrium lanuginosum

R. skottsbergii Card. et Broth.

Racomitrium austro-georgicum

R. stenocladoides Roiv. (Roivainen, 1955a).

Distr. Southern South America (Roivainen, 1955a).

R. stenocladum Dus. (Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Cardot, 1908a; Brotherus, 1925; Herzog, 1938; Kühnemann, 1938; Seki, 1974).

var. *obtusum* Dus. (Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Cardot, 1908a; Kühnemann, 1938).

R. striatipilum Card. (Cardot, 1905a).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941).

Southern South America (Cardot, 1905a, 1908a; Dusén, 1907; Cardot and Brotherus,

1923; Brotherus, 1924a; Thériot, 1935a; Herzog, 1938; Kühnemann, 1938; Roivainen, 1955a; Seki, 1974).

Falkland Islands (Cardot and Brotherus, 1923).

South Georgia (Cardot, 1906a, 1908a; Dixon, 1934; Steere, 1961b; Bell, 1974).

R. subcrispipilum (C. Muell.) Jaeg. (Jaeger, 1874).

Syn. *Grimmia subcrispipila* C. Muell. (Mueller, 1862).

Distr. Southern South America (Mueller, 1862; Paris, 1905*b*; Brotherus, 1924*a*).

R. sublamprocarpum (C. Muell.) Par. (Paris, 1898).

Syn. *Grimmia sublamprocarpa* C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Paris, 1898, 1905*b*).

R. subnigratum (C. Muell.) Par. (Paris, 1898).

Syn. *Grimmia subnigrita* C. Muell. (Mueller, 1885).

Racomitrium limbatum Bartr. (Bartram, 1946).

Distr. Juan Fernandez (Brotherus, 1924*b*; Bartram, 1959).

Southern South America (Mueller, 1885; Cardot, 1905*a*, 1908*a*; Paris, 1905*b*; Dusén, 1907; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938; Bartram, 1946, 1952; Herzog, 1954; Roivainen, 1955*a*; Seki, 1974).

Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

R. subnigratum Dus.

Racomitrium patagonicum

R. subrupestre Roiv. (Roivainen, 1955*a*).

Distr. Southern South America (Roivainen, 1955*a*).

R. substenocladum Card.

Racomitrium austro-georgicum

R. substriatipilum Roiv. (Roivainen, 1955*a*).

Distr. Southern South America (Roivainen, 1955*a*).

R. subulifolium Card. (Cardot, 1908*a*).

Syn. *Racomitrium heterostichoides* Card. var. *acutifolium* Dus. (Dusén, 1907).

Distr. Southern South America (Dusén, 1907; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938; Roivainen, 1955*a*; Herzog, 1957).

R. symphyodon Jaeg. (Jaeger, 1874).

Syn. *Grimmia symphyodon* Mitt. (Mitten, 1882) *nom. illeg.*

Distr. Southern South America (Jaeger, 1874).

R. symphyodontum (C. Muell.) Par. (Paris, 1897).

Syn. *Grimmia symphyodonta* C. Muell. (Mueller, 1849).

Racomitrium flavescens Card. (Cardot, 1900).

Distr. Juan Fernandez (Brotherus, 1924*b*; Espinosa B., 1941).

Southern South America (Wilson and Hooker, 1847 (as *R. fasciculare* vars 2 and 3 *fide* Mueller 1849); Mueller, 1849, 1855; Cardot, 1900, 1905*a pro parte*, 1908*a*, 1910; Paris, 1905*b*; Dusén, 1907; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938; Herzog, 1954, 1957; Roivainen, 1955*a*; Seki, 1974).

Falkland Islands (Cardot, 1905*a*, 1908*a*; Paris, 1905*b*; Brotherus, 1924*a*; Kühnemann, 1938).

var. *dusenii* Card. (Cardot, 1908*a*) *nom. nud.*

Distr. Southern South America (Dusén, 1907 (as *R. symphyodontum* var. *muticum fide* Cardot, 1908*a*); Cardot, 1908*a*).

var. *muticum* Card.

Racomitrium pachydictyon

R. willii (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Grimmia willii* C. Muell. (Mueller, 1890*a*).

Racomitrium loriforme Dus. (Dusén, 1907).

Racomitrium scabrifolium Bartr. (Bartram, 1946).

Distr. Juan Fernandez (Brotherus, 1924*b*; Espinosa B., 1941).

Southern South America (Paris, 1905*b*; Dusén, 1907; Cardot, 1908*a*; Cardot and

Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Bartram, 1946; Roivainen, 1955a; Seki, 1974).
 South Georgia (Mueller, 1890a; Paris, 1905b; Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b; Bell, 1974).

Racopilum

R. anomalum Schwaegr.

Achrophyllum anomalum

R. arcuatum (Hedw.) Jaeg.

Hypnodendron arcuatum

R. chilense Dus. ex Herz. (Dusén ex Herzog, 1938).

Distr. Southern South America (Paris, 1905b; Brotherus, 1925; Herzog, 1938).

R. fernandezianum Card. (Cardot in Thériot, 1921b).

Distr. Juan Fernandez (Skottsberg, 1914; Thériot, 1921b, 1927b; Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
 Southern South America (Herzog, 1954).

R. leptocarpum Wils. (Wilson, 1854).

Distr. Juan Fernandez (Wilson, 1854).

R. ornithopodioides (Brid.) Lindb.

Racopilum tomentosum

R. tomentosum (Hedw.) Brid. (Bridel, 1827b).

Syn. *Hypnum tomentosum* Hedw. (Hedwig, 1801).
Hypopterygium tomentosum (Hedw.) C. Muell. (Mueller, 1850).
Hypnum ornithopodioides Brid. (Bridel, 1801b).
Leskea ornithopodioides (Brid.) Brid. (Bridel, 1812).
Racopilum ornithopodioides (Brid.) Lindb. (Lindberg, 1868d).

Distr. Juan Fernandez (Montagne, 1835; Mitten, 1885; Johow, 1896; Paris, 1905b; Skottsberg, 1914; Robinson, 1975).
 Southern South America (Bridel, 1801b, 1812, 1817, 1827b; Palisot de Beauvois, 1805a; Montagne, 1850; Mueller, 1879a; Krieger, 1904; Paris, 1905b; Brotherus, 1918; Kühnemann, 1938; Hosseus, 1940; Herzog, 1952a).

Rauia hom. illeg.

R. firmula (C. Muell.) Broth.

Raiiella firmula

R. microcalycina Broth. ex Par.

Raiiella niveo-calycina

R. niveo-calycina (C. Muell.) Broth.

Raiiella niveo-calycina

R. siambronica (C. Muell.) Broth.

Raiiella siambronica

Raiiella

R. firmula (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1962).

Syn. *Thuidium firmulum* C. Muell. (Mueller, 1897a).
Rauia firmula (C. Muell.) Broth. (Brotherus, 1907).

Distr. Southern South America (Mueller, 1897a; Paris, 1906; Brotherus, 1907, 1925; Hosseus, 1938a, d, 1939; Kühnemann, 1938).

R. niveo-calycina (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1962).

Syn. *Thuidium niveo-calycinum* C. Muell. (Mueller, 1897a).
Rauia niveo-calycina (C. Muell.) Broth. (Brotherus, 1907).
Rauia microcalycina Broth. ex Par. (Brotherus ex Paris, 1909) *err.*

Distr. Southern South America (Mueller, 1897a; Paris, 1906; Brotherus, 1907, 1925; Kühnemann, 1938; Herzog, 1952a).

R. siambronica (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1962).

Syn. *Pseudoleskea siambronica* C. Muell. (Mueller, 1897a).
Rauia siambronica (C. Muell.) Broth. (Brotherus, 1907).

Distr. Southern South America (Mueller, 1897a; Paris, 1905b; Brotherus, 1907, 1925; Kühnemann, 1938).

Renauldia

R. chilensis Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

Rhabdowesia

R. crispata (With.) Lindb. (Lindberg, 1871).

Syn. *Bryum crispatum* Dicks. ex With. (Dickson ex Withering, 1801).

Distr. Juan Fernandez (Robinson, 1975).

R. cyathicarpa (Mont.) Mitt.

Amphidium tortuosum

R. fugax (Hedw.) B.S.G. (Bruch and others, 1846).

Syn. *Weisia fugax* Hedw. (Hedwig, 1801).

Grimmia striata Schrad. (Schrader, 1803*b*) *nom. illeg.*

Oncophorus striatus (Schrad.) Lindb. (Lindberg, 1879).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1905*b*; Lawton, 1961).

R. sphaerothecia (C. Muell.) Kindb.

Amphidium tortuosum

Rhachithecium

R. demissum (C. Muell.) Broth.

Rhachithecium perpusillum

R. perpusillum (Thwait. et Mitt.) Broth. (Brotherus, 1909).

Syn. *Zygodon perpusillus* Thwait. et Mitt. (Thwaites and Mitten *in* Mitten, 1873).

Hypnodon perpusillus (Thwait. et Mitt.) C. Muell. (Mueller, 1897*a*).

Hypnodon demissus C. Muell. (Mueller, 1897*a*).

Decodon demissus C. Muell. (Mueller, 1897*a*) *nom. nud.*

Rhachithecium demissum (C. Muell.) Broth. (Brotherus, 1909).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1900*a*, 1904*b*; Brotherus, 1909, 1925; Kühnemann, 1938).

Rhacocarpus

R. australis (Hook. f. et Wils.) Par.

Rhacocarpus purpurascens

R. crasso-limbatus (C. Muell.) Par.

Rhacocarpus purpurascens

R. humboldtii (Hook.) Lindb.

Rhacocarpus purpurascens

var. **argentinicus** (C. Muell.) Par.

Rhacocarpus purpurascens* var. *argentinicus

R. orbiculatus (Mitt.) Par. (Paris, 1898).

Syn. *Hedwigia orbiculata* Mitt. (Mitten, 1869).

Harrisonia orbiculata (Mitt.) Jaeg. (Jaeger, 1876),

Distr. Southern South America (Mitten, 1869; Jaeger, 1876; Mueller, 1897*d*; Paris, 1898, 1905*b*; Brotherus, 1925).

R. patagonicus Broth. (Brotherus *in* Dusén, 1905*b*).

Distr. Southern South America (Dusén, 1905*b*; Cardot, 1908*a*; Brotherus, 1925; Kühnemann, 1938).

R. purpurascens (Brid.) Par. (Paris, 1900*a*).

Syn. *Hypnum purpurascens* Brid. (Bridel, 1812).

Harrisonia purpurascens (Brid.) C. Muell. (Mueller, 1897*d*).

Anictangium humboldtii Hook. (Hooker, 1816).

Hedwigia humboldtii (Hook.) Hook. (Hooker, 1819).

Anoetangium humboldtii (Hook.) Brid. (Bridel, 1827*b*).

Harrisonia humboldtii (Hook.) Spreng. (Sprengel, 1827).

Neckera humboldtii (Hook.) C. Muell. (Mueller, 1850).

Rhacocarpus humboldtii (Hook.) Lindb. (Lindberg, 1862 [1863]).

Braunia humboldtii (Hook.) Hook. f. (Hooker, 1867).

Anoetangium humboldtii (Hook.) Brid. var. *australis* Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1845).

Hedwigia humboldtii (Hook.) Hook. var. *australis* (Hook. f. et Wils.) Wils. (Wilson, 1854).

Harrisonia australis (Hook. f. et Wils.) Hamp. (Hampe, 1860).

Rhacocarpus australis (Hook. f. et Wils.) Par. (Paris, 1898).

Harrisonia crasso-limbata C. Muell. (Mueller, 1897*d*).

Rhacocarpus crasso-limbatus (C. Muell.) Par. (Paris, 1900*a*).

Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Robinson, 1975).

Southern South America (Wilson and Hooker, 1847; Mitten, 1869; Mueller, 1879*a*, 1885, 1897*d*; Paris, 1900*a*, 1905*b*; Cardot, 1908*a*; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

Falkland Islands (Paris, 1900*a*, 1905*b*; Cardot, 1908*a*; Brotherus, 1925).

var. *argentanicus* (Brid.) Wijk et Marg. (van der Wijk and Margadant, 1961).

Syn. *Harrisonia humboldtii* (Hook.) Spreng. var. *argentinica* C. Muell. (Mueller, 1879*a*).

Rhacocarpus humboldtii (Hook.) Lindb. var. *argentanicus* (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1898, 1905*b*; Kühnemann, 1938).

Rhamphidium

R. laetum (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Trichostomum laetum* Kunz. ex C. Muell. (Kunze ex Mueller, 1849).

Tortula laeta (C. Muell.) Mitt. (Mitten, 1869).

Distr. Juan Fernandez (Montagne, 1850).

Southern South America (Mueller, 1849; Mitten, 1869; Jaeger, 1873; Brotherus, 1902, 1924*a*; Paris, 1905*b*).

Rhaphidorrhynchium

R. aberrans (Broth.) Broth.

Sematophyllum aberrans

R. amoenum (Hedw.) Fleisch. (Fleischer, 1923).

Syn. *Hypnum amoenum* Hedw. (Hedwig, 1801).

Isothecium amoenum (Hedw.) Brid. (Bridel, 1827*b*).

Sematophyllum amoenum (Hedw.) Mitt. (Mitten, 1869).

Rhaphidostegium amoenum (Hedw.) Jaeg. (Jaeger, 1878).

Rhaphidostegium amaenum (Hedw.) Par. (Paris, 1898) *err.*

Hypnum leptorrhynchum Brid. (Bridel, 1812) *hom. illeg.*

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1851*a*; Mitten, 1869; Jaeger, 1878; Paris, 1898, 1905*b*; Cardot, 1908*a*; Brotherus, 1925; Kühnemann, 1938).

Falkland Islands (Kühnemann, 1938).

R. berberidis (Dus.) Broth. (Brotherus, 1925).

Syn. *Ectropothecium berberidis* Dus. (Dusén, 1905*b*).

Rhaphidostegium berberidis (Dus.) Broth. (Brotherus, 1908).

Distr. Southern South America (Dusén, 1903*a*, 1905*b*; Brotherus, 1908, 1925; Cardot, 1908*a*; Seki, 1974).

R. brachypus (Hamp.) Broth. (Brotherus, 1925).

Syn. *Hypnum brachypus* Hamp. (Hampe, 1879).

Distr. Southern South America (Herzog, 1952*a*).

R. callidum (Mont.) Broth. (Brotherus, 1925).

Syn. *Hypnum callidum* Mont. (Montagne, 1845*a*).

Sematophyllum callidum (Mont.) Mitt. (Mitten, 1869).

Rhaphidostegium callidum (Mont.) Jaeg. (Jaeger, 1878).

Distr. Southern South America (Montagne, 1845*a*, 1850, 1856; Mueller, 1851*a*; Lorentz, 1866; Mitten, 1869; Jaeger, 1878; Paris, 1905*b*; Brotherus, 1908, 1924*c*; Cardot, 1908*a*; Campo, 1915; Thériot, 1917*b*, 1918; Costes, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1957, 1960; Reimers, 1926; Kühnemann, 1938; Espinosa B., 1941; Skottsberg, 1950; Bartram, 1952; Seki, 1974).

R. dendrologotrichum (Dus.) Broth. (Brotherus, 1925).

Syn. *Rhaphidostegium dendrologotrichum* Dus. (Dusén, 1905b).
Rhaphidostegium polytrichadelphus Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a, 1905b; Paris, 1905b; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938; Herzog, 1954, 1960; Seki, 1974).

R. leptophyllum (Mitt.) Broth. (Brotherus, 1925).

Syn. *Sematophyllum leptophyllum* Mitt. (Mitten, 1869).
Rhaphidostegium leptophyllum (Mitt.) Jaeg. (Jaeger, 1878).

Distr. Southern South America (Mitten, 1869; Jaeger, 1878; Paris, 1905b; Brotherus, 1925).

R. masafuerae (Broth.) Broth.***Sematophyllum masafuerae*****R. minutum** (Broth.) Broth. (Brotherus, 1925).

Syn. *Sematophyllum minutum* Broth. (Brotherus, 1900).

Distr. Southern South America (Herzog, 1952a).

R. noduliferum (Mitt.) Broth. (Brotherus, 1925).

Syn. *Sematophyllum noduliferum* Mitt. (Mitten, 1869).
Rhaphidostegium noduliferum (Mitt.) Jaeg. (Jaeger, 1878).

Distr. Southern South America (Mitten, 1869; Jaeger, 1878; Paris, 1905b; Cardot, 1908a; Brotherus, 1925).

R. pallido-nitidum (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Cupressina pallido-nitida* C. Muell. (Mueller, 1897a).
Ectropothecium pallido-nitidum (C. Muell.) Par. (Paris, 1900a).
Rhaphidostegium pallido-nitidum (C. Muell.) Broth. (Brotherus, 1908).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1904b; Brotherus, 1908, 1925; Kühnemann, 1938).

R. scorpiurus (Mont.) Broth. (Brotherus, 1925).

Syn. *Hypnum scorpiurus* Mont. (Montagne, 1845a).
Sematophyllum scorpiurus (Mont.) Mitt. (Mitten, 1869).
Rhaphidostegium scorpiurus (Mont.) Jaeg. (Jaeger, 1878).
Sematophyllum aureo-nitidum Bartr. (Bartram, 1946) *fide* Seki, 1974.

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1851a; Lorentz, 1866; Mitten, 1869; Jaeger, 1878; Paris, 1905b; Herzog, 1923, 1938, 1954, 1960; Brotherus, 1925; Bartram, 1946; Seki, 1974).

R. subsimplex (Hedw.) Broth.***Sematophyllum subsimplex******Rhaphidostegium hom. illeg.***

R. aberrans Broth.

Sematophyllum aberrans

R. amaenum (Hedw.) Par.

Rhaphidorrhynchium amoenum

R. amoenum (Hedw.) Jaeg.

Rhaphidorrhynchium amoenum

R. ampullatum Par.

Sematophyllum ampullulatum

R. ampullulatum (C. Muell.) Broth.

Sematophyllum ampullulatum

R. aureo-viride (C. Muell.) Par.

Sematophyllum aureo-viride

R. berberidis (Dus.) Broth.

Rhaphidorrhynchium berberidis

R. brachycladulum Broth.

Sematophyllum brachycladulum

R. bracteatum (C. Muell.) Kindb.

Sematophyllum bracteatum

R. caespitosoides Broth.

Sematophyllum aberrans

R. caespitosum (Hedw.) Besch.

Sematophyllum caespitosum

R. callidum (Mont.) Jaeg.

Rhaphidorrhynchium callidum

R. catilliforme (C. Muell.) Par.

Sematophyllum bracteatum

- R. cochleatulum** (C. Muell.) Par. (Paris, 1898).
 Syn. *Aptychus cochleatulus* C. Muell. (Mueller, 1897a).
 Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b).
- R. condensatulum** (C. Muell.) Par. (Paris, 1898).
 Syn. *Aptychus condensatulus* C. Muell. (Mueller, 1897a).
 Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b).
- R. dendroligotrichum** Dus. ***Rhaphidorrhynchium dendroligotrichum***
- R. diaphanodictyon** (C. Muell.) Par. (Paris, 1898).
 Syn. *Aptychus diaphanodictus* C. Muell. (Mueller, 1897a).
 Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b).
- R. grandicellulosum** (C. Muell.) Par. ***Sematophyllum grandicellulosum***
- R. laxo-alare** (C. Muell.) Par. ***Entodon laxo-alaris***
- R. leptophyllum** (Mitt.) Jaeg. ***Rhaphidorrhynchium leptophyllum***
- R. leucocytus** (C. Muell.) Jaeg. ***Sematophyllum leucocytus***
- R. loxense** (Hook.) Jaeg. ***Sematophyllum caespitosum***
- R. macrocytus** (C. Muell.) Par. ***Sematophyllum macrocytus***
- R. masafuerae** Broth. ***Sematophyllum masafuerae***
- R. micrangium** (C. Muell.) Par. ***Sematophyllum micrangium***
- R. microcarpoides** (C. Muell.) Kindb. ***Sematophyllum microcarpoides***
- R. micropyxis** (C. Muell.) Kindb. ***Trichosteleum* sp.**
- R. nano-cephalum** (C. Muell.) Par. ***Sematophyllum nanocephalum***
 var. *subglauculum* (C. Muell.) Par. ***Sematophyllum nanocephalum* var. *subglauculum***
- R. nanum** Kindb. (Kindberg, 1891) *nom. nud.*
 Syn. *Hypnum nanum* C. Muell. (Mueller *in* Balansa and Savès, 1887) *nom. nud.*
Sematophyllum nanum Hert. (Herter, 1933a) *nom. nud.*
 Distr. Southern South America (Felippone, 1912; Herter, 1933a).
- R. noduliferum** (Mitt.) Jaeg. ***Rhaphidorrhynchium noduliferum***
- R. pallens** Dus. ***Hypnum pallens***
- R. pallido-nitidum** (C. Muell.) Broth. ***Rhaphidorrhynchium pallido-nitidum***
- R. paraguariense** C. Muell. *ex* Broth. (Mueller *ex* Brotherus, 1900).
 Distr. Southern South America (Brotherus, 1918; Kühnemann, 1938).
- R. patagonicum** Broth. (Brotherus *in* Cardot and Brotherus, 1923).
 Distr. Southern South America (Dusén, 1903a; Paris, 1905b; Cardot and Brotherus, 1923; Kühnemann, 1938; Seki, 1974).
- R. polytrichadelphus** Dus. ***Rhaphidorrhynchium dendroligotrichum***
- R. prostratum** Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*
 Distr. Juan Fernandez (Skottsberg, 1914).
- R. purpureo-axis** Dus. (Dusén *in* Paris, 1905b) *nom. nud.*
 Distr. Southern South America (Paris, 1905b).
- R. scorpiurus** (Mont.) Jaeg. ***Rhaphidorrhynchium scorpiurus***
- R. secundifolium** (C. Muell.) Jaeg. ***Drepanocladus secundifolius***
- R. serifolium** (C. Muell.) Par. ***Sematophyllum serifolium***
- R. stenopyxidium** (C. Muell.) Kindb. ***Sematophyllum stenopyxidium***

R. strictipes Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

R. subsimplex (Hedw.) Besch.

Sematophyllum subsimplex

R. temperatum (C. Muell.) Par.

Sematophyllum temperatum

R. tenerifolium (C. Muell.) Par.

Sematophyllum tenerifolium

R. tristifolium Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Dusén, 1903a).

Rhaphidostichum

R. gunckelii Thér. (Thériot, 1930).

Distr. Southern South America (Thériot, 1930).

Rhexophyllum

R. lacinatum Herz. (Herzog, 1916a).

Distr. Southern South America (Bartram, 1965).

Rhizogonium

R. brevifolium Broth. (Brotherus, 1891).

Syn. *Mnium brevifolium* (Broth.) C. Muell. (Mueller, 1901a [1900]).

Distr. Southern South America (Thériot, 1935a).

R. lindigii (Hamp.) Mitt. (Mitten, 1869).

Syn. *Mnium lindigii* Hamp. (Hampe, 1865).

Distr. Southern South America (Herzog, 1960).

R. longicolle C. Muell. (Mueller *in* Kindberg, 1891) *nom. nud.*

Syn. *Mnium longicolle* C. Muell. (Mueller *in* Paris, 1898) *nom. nud.*

Distr. Southern South America (Paris, 1898).

R. mnioides (Hook.) Wils. (Wilson, 1854).

Syn. *Hypnum mnioides* Hook. (Hooker, 1820).

Mnium polycarpum C. Muell. (Mueller, 1848a) *nom. illeg.*

Rhizogonium polycarpum Schimp. (Schimper *in* Mueller, 1889) *nom. illeg.*

Aulacomnium chilense C. Muell. (Mueller, 1843b).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Robinson, 1975).

Southern South America (Hooker, 1820; Bridel, 1827b; Schwaegrichen, 1829; Mueller, 1843b, 1848a, 1885, 1889; Montagne, 1845b, 1850; Wilson and Hooker, 1847; Lorentz, 1866; Mitten, 1869; Ångström, 1872; Bescherelle, 1889; Neger, 1899; Dusén, 1903a; Cardot, 1905a, 1908a; Paris, 1905b; Thériot, 1915, 1918, 1934b; Campo, 1921; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1957, 1960; Brotherus, 1924a; Reimers, 1926; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).

R. novae-hollandiae (Brid.) Brid. **var. *patagonicum*** Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Robinson, 1975).

Southern South America (Cardot and Brotherus, 1923).

R. polycarpum Schimp.

Rhizogonium mnioides

R. reticulatum (Hook. f. et Wils.) Mitt.

Philonotis vagans

R. spiniforme (Hedw.) Bruch (Bruch *in* Krauss, 1846).

Syn. *Hypnum spiniforme* Hedw. (Hedwig, 1801).

Distr. Southern South America (Herter, 1943).

R. spininervium (Hook.) Schimp.

Hypnodendron arcuatum

R. subbasilare (Hook.) Schimp.

Goniobryum subbasilare

Rhodobryum

R. andicola (Hook.) Par.

Bryum andicola

R. aubertii (Schwaegr.) Thér. (Thériot, 1922).

Syn. *Mnium aubertii* Schwaegr. (Schwaegrichen, 1816).
Bryum aubertii (Schwaegr.) Brid. (Bridel, 1819).

Distr. Southern South America (Montagne, 1839c; Kühnemann, 1938 (as *M. augertii*)).

R. beyrichianum (Hornsch.) C. Muell. (Mueller *in* Hampe, 1874 [1875]).

Syn. *Mnium beyrichianum* Hornsch. (Hornschuch, 1840).
Bryum beyrichianum (Hornsch.) C. Muell. (Mueller, 1848a).
Bryum beyrichii Aongstr. (Ångström, 1876a) *nom. illeg.*
Bryum beyrichiae Hornsch. *ex* Kindb. (Hornschuch *ex* Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Mueller, 1848a; Montagne, 1850; Mitten, 1869; Paris, 1905b; Brotherus, 1924a; Reimers, 1926; Hosseus, 1940; Herter, 1943; Herzog, 1952a).

R. chilense Thér. (Thériot, 1924).

Distr. Southern South America (Thériot, 1924; Brotherus, 1925).

R. gracilescens C. Muell.

Bryum densifolium

R. hieronymi (C. Muell.) Par. (Paris, 1898).

Syn. *Bryum hieronymi* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1898, 1905b; Brotherus, 1924a; Kühnemann, 1938).

R. lechleri (C. Muell.) Par.

Bryum andicola

R. lorentzianum (C. Muell.) Par. (Paris, 1898).

Syn. *Bryum lorentzianum* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1898, 1905b; Brotherus, 1924a; Hosseus, 1938b, c, d; Kühnemann, 1938).

R. platense (C. Muell.) Par. (Paris, 1898).

Syn. *Bryum platense* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1924a; Kühnemann, 1938).

R. rigidum (Hornsch.) Par.

Bryum rigidum

R. roseolum (C. Muell.) Par.

Bryum roseolum

R. roseum (Hedw.) Limpr. (Limpricht, 1892).

Syn. *Mnium roseum* Hedw. (Hedwig, 1801).

Distr. Southern South America (Montagne, 1839c; Kühnemann, 1938).

R. subintegrum Broth. (Brotherus *in* Krieger, 1904) *nom. nud.*

Distr. Southern South America (Krieger, 1904).

Rhyncho-hypnum

R. leucostegum (Brid.) Hamp.

Stereophyllum leucostegum

R. sellowii (Hornsch.) Hamp.

Rhynchostegium sellowii

Rhynchostegiella

R. acanthophylla (Mont.) Broth.

Eurhynchiella acanthophylla

var. ***robusta*** Thér. (Thériot, 1917b).

Distr. Southern South America (Thériot, 1917b).

R. chilensis Thér. (Thériot, 1934*b* [1935]).*Distr.* Southern South America (Thériot, 1934*b*).**R. fuegiana** (Card.) Broth.**Oxyrrhynchium fuegianum****R. leptoneura** Card. (Cardot *in* Skottsberg, 1914) *nom. nud.**Distr.* Juan Fernandez (Skottsberg, 1914).**Rhynchostegium****R. acanthophyllum** (Mont.) Jaeg.**Eurhynchiella acanthophylla****R. altisetum** C. Muell.**Oxyrrhynchium altisetum****R. aquaticum** Jaeg.**Platyhypnidium aquaticum****R. berteroanum** (Mont.) Jaeg.**Catagoniopsis berteroana****R. berteroi** Kindb.**Catagoniopsis berteroana****R. beskeanum** (C. Muell.) Jaeg. (Jaeger, 1878).*Syn.* *Hypnum beskeanum* C. Muell. (Mueller, 1857).*Distr.* Southern South America (Herter, 1933*a*).**R. brevicuspis** C. Muell. (Mueller, 1897*a*).*Distr.* Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Hosseus, 1938*a, b, d*; Kühnemann, 1938).**R. byssiadum** Dus. (Dusén, 1903*a*) *nom. nud.**Distr.* Southern South America (Dusén, 1903*a*).**R. cacticola** (C. Muell.) Par. (Paris, 1898).*Syn.* *Hypnum cacticola* C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1898, 1905*b*; Brotherus, 1925; Kühnemann, 1938).**R. campylocladulum** C. Muell. (Mueller, 1897*a*).*Distr.* Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Hosseus, 1938*a, b, d*; Kühnemann, 1938).**R. capillirameum** Dus. (Dusén *in* Paris, 1905*b*) *nom. nud.**Distr.* Southern South America (Paris, 1905*b*).**R. complanum** (Mitt.) Jaeg. (Jaeger, 1878).*Syn.* *Hypnum complanum* Mitt. (Mitten, 1869).*Distr.* Juan Fernandez (Brotherus, 1924*b*, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).*Distr.* Southern South America (Mitten, 1869; Jaeger, 1878; Paris, 1905*b*; Brotherus, 1925; Herzog, 1954, 1960).**R. concavifolium** Card. (Cardot *in* Skottsberg, 1914) *nom. nud.**Distr.* Juan Fernandez (Skottsberg, 1914).**R. confertum** (Dicks.) B.S.G. (Bruch and others, 1852).*Syn.* *Hypnum confertum* Dicks. (Dickson, 1801).*Distr.* Southern South America (Montagne, 1850).**R. drepanocladoides** (C. Muell.) Kindb. (Kindberg, 1891).*Syn.* *Hypnum drepanocladoides* C. Muell. (Mueller, 1882).*Distr.* Southern South America (Mueller, 1882; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. fissidens (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Hypnum fissidens* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. glauco-virescens (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum glauco-virescens* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Kurtz, 1904; Paris, 1905*b*; Hosseus, 1935*b*, 1937; Kühnemann, 1938).

R. globipyxis (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum globipyxis* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. homaliocaulon (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum homaliocaulon* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Kurtz, 1904; Paris, 1905*b*; Brotherus, 1925; Hosseus, 1935*a*, 1937; Kühnemann, 1938).

R. leptopteridium C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. leucodictyon C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. mollissimum Dus.***Brachythecium paradoxum*****R. pampae** (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum pampae* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Kurtz, 1904; Paris, 1905*b*; Brotherus, 1925; Hosseus, 1935*a, b*, 1937; Kühnemann, 1938).

R. pendulum (Brid.) Jaeg.***Helicodontium pendulum*****R. pinnicaule** (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Hypnum pinnicaule* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Kurtz, 1904; Paris, 1905*b*; Brotherus, 1925; Hosseus, 1935*b*; Kühnemann, 1938).

R. plagiotheciella C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. planirameum Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

R. sellowii (Hornsch.) Jaeg. (Jaeger, 1878).

Syn. *Hypnum sellowii* Hornsch. (Hornschuch, 1840).

Hypnum sellowianum C. Muell. (Mueller, 1847*a* [1846]) *nom. illeg.*

Rhyncho-hypnum sellowii (Hornsch.) Hamp. (Hampe, 1870) *comb. inval.*

Distr. Southern South America (Hornschuch, 1840; Mueller, 1851*a*; Mitten, 1869; Gibert, 1873; Jaeger, 1878; Paris, 1905*b*; Felippone, 1912; Brotherus, 1925; Herter, 1933*a*; Hosseus, 1938*a, c, d*; Kühnemann, 1938).

R. semi-tortulum Kindb. (Kindberg, 1891).

Syn. *Hypnum semi-tortulum* C. Muell. (Mueller, 1882) *hom. illeg.*

Distr. Southern South America (Mueller, 1882; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. serrulatum (Hedw.) Jaeg. (Jaeger, 1878).

Syn. *Hypnum serrulatum* Hedw. (Hedwig, 1801).

Distr. Juan Fernandez (Montagne, 1835, 1839*c*; Johow, 1896).
Southern South America (Hornschuch, 1820*b*; Bridel, 1827*b*; Montagne, 1850;
Kühnemann, 1938).

R. striatellum Schimp. *ex Par.*

Rigodium toxarion

R. subsquarrosus Herz.

Oxyrrhynchium corralense

R. taphrophilum C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Kühnemann, 1938).

R. tenuifolium (Hedw.) Reichdt. (Reichardt, 1870).

Syn. *Hypnum tenuifolium* Hedw. (Hedwig, 1801).

Isothecium tenuifolium (Hedw.) Brid. (Bridel, 1827*b*).

Amblystegiella tenuifolia (Hedw.) Fleisch. (Fleischer, 1920).

Helicodontium tenuifolium (Hedw.) C. Muell. (Mueller *in* Fleischer, 1920) *nom. inval.*

Distr. Juan Fernandez (Mueller, 1885; Johow, 1896; Brotherus, 1924*b*; Herter, 1928, 1933*b*;
Robinson, 1975).

Southern South America (Mitten, 1869; Gibert, 1873; Jaeger, 1878; Paris, 1905*b*;
Felippone, 1912; Brotherus, 1925; Herter, 1933*a, b*; Kühnemann, 1938; Herzog,
1954).

var. *ledifolium* Jaeg. (Jaeger, 1878) *nom. nud.*

Distr. Southern South America (Jaeger, 1878).

var. *minus* Jaeg. (Jaeger, 1878) *nom. nud.*

Distr. Southern South America (Jaeger, 1878).

R. trieblingii C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925).

Rigodium

R. acuminatum Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*

Distr. Juan Fernandez (Skottsberg, 1914).

R. arborescens (C. Muell.) Broth. (Brotherus, 1909).

Syn. *Hypnum arborescens* C. Muell. (Mueller, 1858).

Rigodium lechleri Schimp. (Schimper *in* Lorentz, 1866) *nom. illeg.*

Heterocladium lechleri Schimp. (Schimper *in* Lorentz, 1866) *nom. nud. pro parte.*

Heterocladium prolixum Schimp. (Schimper *in* Lorentz, 1866) *nom. nud. pro parte.*

Distr. Juan Fernandez (Espinosa B., 1941).

Southern South America (Lechler, 1857; Mueller, 1858; Lorentz, 1866; Jaeger, 1878;
Neger, 1899; Paris, 1905*b*; Brotherus, 1909, 1925; Campo, 1915, 1921; Thériot,
1917*b*, 1918; Costes, 1921; Herzog, 1923, 1954, 1960; Roivainen, 1934; Seki, 1974).

R. argentanicum (C. Muell.) Kindb. (Kindberg, 1891).

Syn. *Hypnum argentanicum* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905*b*; Brotherus, 1925; Kühnemann,
1938; Seki, 1974).

R. brachypodium (C. Muell.) Par. (Paris, 1898).

Syn. *Hypnum brachypodium* C. Muell. (Mueller, 1851*a*).

Hypnum brachypelma C. Muell. (Mueller, 1882) *nom. inval.*

Distr. Southern South America (Mueller, 1851*a*, 1882; Paris, 1898, 1905*b*; Brotherus, 1925;
Bartram, 1952).

- R. carnosulum* Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a; Paris, 1905b; Seki, 1974).
- R. elegantulum* Card. ***Rigodium tamarix***
 var. *fernandezianum* Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*
Distr. Southern South America (Skottsberg, 1914).
- R. hylocomioides*** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Juan Fernandez (Brotherus, 1924b; Robinson, 1975).
 Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Thériot, 1926;
 Kühnemann, 1938; Herzog, 1939, 1940, 1960).
 var. ***gracilius*** Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923).
- R. implexum*** Kunz. ex Schwaegr. (Kunze ex Schwaegrichen, 1844 [1845]).
Syn. *Hypnum implexum* (Schwaegr.) C. Muell. (Mueller, 1844b [1845]) *hom. illeg.*
Heterocladium implexum (Schwaegr.) Lor. (Lorentz, 1866).
Hypnum neei Mohr (Mohr *in* Mueller, 1851a) *nom. nud.*
Distr. Southern South America (Mueller, 1844b, 1851a; Schwaegrichen, 1844; Sullivan, 1859;
 Lorentz, 1866; Paris, 1905b; Campo, 1915 (as *R. inflexum* Kurz); Cardot and
 Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1960; Brotherus, 1925;
 Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Bizot, 1967; Seki, 1974).
- R. lechleri* Schimp. ***Rigodium arborescens***
R. looseri Thér. ***Rigodium robustum***
R. nano-fasciculare C. Muell. ex Kindb. ***Rigodium toxarion***
R. nano-fasciculatum C. Muell. ex Thér. ***Rigodium toxarion***
- R. pendulum*** Herz. et Thér. (Herzog and Thériot *in* Herzog, 1939).
Distr. Southern South America (Herzog, 1939, 1954; Seki, 1974).
- R. pseudo-thuidium*** Dus. (Dusén, 1905b).
Syn. *Rigodium ptychomnioides* Broth. (Brotherus, 1909) *nom. nud.*
Distr. Southern South America (Dusén, 1903a, 1905b; Paris, 1905b; Cardot, 1908a;
 Brotherus, 1925; Kühnemann, 1938; Herzog, 1954, 1960; Seki, 1974).
- R. ptychomnioides* Broth. ***Rigodium pseudo-thuidium***
- R. robustum*** Broth. (Brotherus, 1924b).
Syn. *Rigodium looseri* Thér. (Thériot, 1927b) *fide* Robinson, 1975.
Distr. Juan Fernandez (Brotherus, 1924b (and as *R. arborescens fide* Robinson, 1975);
 Thériot, 1927b; Bartram, 1959 (and as *R. arborescens fide* Robinson, 1975);
 Robinson, 1975).
- R. tamarix*** C. Muell. (Mueller, 1897a).
Syn. *Rigodium elegantulum* Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*
Distr. Juan Fernandez (Skottsberg, 1914; Thériot, 1921b).
 Southern South America (Mueller, 1897a; Paris, 1905b; Cardot, 1908a; Cardot and
 Brotherus, 1923; Brotherus, 1925; Roivainen, 1934; Thériot, 1934b; Kühnemann,
 1938; Seki, 1974).
- R. toxarion*** (Schwaegr.) Jaeg. (Jaeger, 1878).
Syn. *Hypnum toxarion* Schwaegr. (Schwaegrichen, 1816).
Hypnum taxarion Schwaegr. ex Mont. (Schwaegrichen ex Montagne, 1835) *err.*
Eurhynchium striatellum Schimp. (Schimper *in* Mitten, 1869) *nom. nud.*
Rhynchostegium striatellum Schimp. ex Par. (Schimper ex Paris, 1898) *nom. nud.*
Heterocladium lechleri Schimp. (Schimper *in* Lorentz, 1866) *nom. nud. pro parte.*
Heterocladium prolixum Schimp. (Schimper *in* Lorentz, 1866) *nom. nud. pro parte.*
Rigodium nano-fasciculare C. Muell. ex Kindb. (Mueller ex Kindberg, 1891) *err.*

Rigodium nano-fasciculatum C. Muell. ex Thér. (Mueller ex Thériot, 1929d [1930]) *fide* Robinson, 1975.

Distr. Juan Fernandez (Montagne, 1835; Mitten, 1885; Johow, 1896; Brotherus, 1924b, (and as *R. arborescens fide* Robinson, 1975); Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Montagne, 1850; Mitten, 1869; Jaeger, 1878; Bescherelle, 1889; Neger, 1899; Cardot, 1908a; Campo, 1915, 1921; Thériot, 1918, 1929d, 1934b; Brotherus, 1924c; Roivainen, 1934; Kühnemann, 1938; Herzog, 1939, 1954, 1960; Espinosa B., 1941; Skottsberg, 1950; Seki, 1974).

R. varium (Hedw.) Kindb.

Amblystegium varium

Rudia

R. clarazii (Dub.) Jaeg.

Helicodontium clarazii

Sanionia

S. orthothecioides (Lindb.) Loesk.

Drepanocladus uncinatus* var. *subjulaceus

S. symmetrica (Ren. et Card.) Wheld.

Drepanocladus uncinatus* var. *symmetricus

S. uncinata (Hedw.) Loesk.

Drepanocladus uncinatus

Sarconeurum

S. antarcticum Bryhn

Sarconeurum glaciale

S. glaciale (C. Muell.) Card. et Bryhn (Cardot and Bryhn *in* Cardot, 1907a).

Syn. *Didymodon glacialis* Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1847) *hom. illeg.*

Leptotrichum glaciale C. Muell. (Mueller, 1851a).

Ditrichum glaciale (C. Muell.) O. Kuntze (Kuntze, 1891).

Sarconeurum antarcticum Bryhn (Bryhn, 1902).

Tortula saxicola Dus. (Dusén, 1905b) *hom. illeg. fide* Greene, 1975.

Tortula lithophila Dus. (Dusén, 1906) *fide* Greene, 1975.

Tortula pygmaea Dus. (Dusén, 1907) *fide* Greene, 1975.

Distr. Southern South America (Dusén, 1905b, 1906, 1907; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Bizot, 1967; Seki, 1974; Greene, 1975).

Antarctic, peninsula region (Wilson and Hooker, 1847; Mueller, 1851a; Jaeger, 1873; Paris, 1904b; Cardot, 1908a; Steere, 1961a; Greene, 1967; Greene and others, 1970).

Antarctic, continental region (Bryhn, 1902; Cardot, 1907a, 1908a, 1910; Dixon and Watts, 1918; Hilpert, 1933; Bartram, 1938, 1957; Steere, 1961a; Savich-Ljubitskaya and Smirnova, 1962; Greene, 1967; Greene and others, 1970; Robinson, 1972; Savich-Ljubitskaya, 1978).

S. tortelloides* S. W. Greene (Greene *in* Greene and others, 1970).

Distr. Antarctic, peninsula region (Greene and others, 1970).

Sauloma

S. tenella (Hook. f. et Wils.) Mitt. (Mitten, 1860).

Syn. *Hookeria tenella* Hook. f. et Wils. (Hooker and Wilson *in* Wilson, 1854).

Distr. Southern South America (Bartram, 1946; Welch, 1969; Matteri, 1972, 1975a).

Schimperobryum

S. splendidissimum (Mont.) Marg. (Margadant, 1959).

Syn. *Hookeria splendidissima* Mont. (Montagne, 1835).

Cyathophorum splendidissimum (Mont.) Hamp. et Lor. (Hampe and Lorentz *in* Lorentz, 1866).

Lepidopilum splendidissimum (Mont.) Mitt. (Mitten, 1869).

Lamprophyllum splendidissimum (Mont.) Broth. (Brotherus, 1907).

Hookeria speciosissima Mont. ex Schwaegr. (Montagne ex Schwaegrichen, 1842) *err.*

*Transferred to *Tortella* by Robinson (1972).

Distr. Juan Fernandez (Montagne, 1835, 1856; Schwaegrichen, 1842; Mueller, 1851a; Mitten, 1869, 1885; Jaeger, 1876; Johow, 1896; Skottsberg, 1914; Brotherus, 1924b, 1925; Thériot, 1927b; Espinosa B., 1941; Bartram, 1959; Matteri, 1972; Robinson, 1975).
Southern South America (Montagne, 1850; Mueller, 1851a; Lorentz, 1866; Mitten, 1869; Jaeger, 1876; Neger, 1899; Paris, 1904a; Brotherus, 1907, 1925; Cardot, 1908a; Campo, 1915; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1954; Thériot, 1924; Reimers, 1926; Kühnemann, 1938; Welch, 1969).

var. perdentatum Matteri (Matteri, 1972).

Distr. Juan Fernandez (Matteri, 1972).
Southern South America (Matteri, 1972; Seki, 1974).

Schistidium

S. alpicola (Hedw.) Limpr. (Limpricht, 1889).

Syn. *Grimmia alpicola* Sw. ex Hedw. (Hedwig, 1801).
Weisia alpicola (Hedw.) Poir. (Poiret, 1808) *nom. inval.*
Grimmia apocarpa Hedw. ssp. *alpicola* (Hedw.) C. Hartm. (Hartman in Lindberg, 1879).
Schistidium apocarpum (Hedw.) B.S.G. ssp. *alpicola* (Hedw.) Meyl. (Meylan, 1905).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938; Herzog, 1957).

var. *rivulare* (Brid.) Limpr.

Schistidium apocarpum

S. amblyophyllum (C. Muell.) Herz.

Grimmia amblyophylla

S. antarctici (Card.) Savicz. et Smirn. (Savich-Ljubitskaya and Smirnova, 1965a).

Syn. *Grimmia antarctici* Card. (Cardot, 1906a) *fide* Savich-Ljubitskaya and Smirnova, 1965a.
Grimmia antarctici Card. var. *percompacta* Bartr. (Bartram, 1938) *fide* Savich-Ljubitskaya and Smirnova, 1965a.
Grimmia antarctici Card. var. *pilifera* Bartr. (Bartram, 1938) *fide* Savich-Ljubitskaya and Smirnova, 1965a.

Distr. Antarctic, peninsula region (Wilson and Hooker, 1847 (as *Tortula gracilis* see Cardot, 1908a, p. 241); Wright, 1905 (as *G. amblyophylla* *fide* Cardot, 1908a); Cardot, 1906a, 1907c, 1908a, 1911b, c, d, 1912b, 1913a; Dixon, 1920; Brotherus, 1924a; Steere, 1961a; Greene, 1968a (as *Tortula gracilis* see Cardot, 1908a, p. 241); Robinson, 1972).

Antarctic, continental region (Bartram, 1938, 1957; Steere, 1961a; Savich-Ljubitskaya and Smirnova, 1965a; Robinson, 1972; Savich-Ljubitskaya, 1978).

S. apocarpum (Hedw.) B.S.G. (Bruch and others, 1845).

Syn. *Grimmia apocarpa* Hedw. (Hedwig, 1801).
Bryum apocarpum (Hedw.) L. ex With. (Withering, 1801).
Weisia apocarpa (Hedw.) Poir. (Poiret, 1808).
Grimmia rivularis Brid. (Bridel, 1801a).
Schistidium rivulare (Brid.) Podp. (Podpěra, 1911).
Grimmia apocarpa Hedw. var. *rivularis* (Brid.) Roehl. (Röhling, 1812).
Schistidium apocarpum (Hedw.) B.S.G. var. *rivulare* (Brid.) B.S.G. (Bruch and others, 1845).
Grimmia alpicola Sw. ex Hedw. var. *rivularis* (Brid.) Wahlenb. (Wahlenberg, 1812).
Schistidium alpicola (Hedw.) Limpr. var. *rivulare* (Brid.) Limpr. (Limpricht, 1889).

Distr. Southern South America (Wilson and Hooker, 1847; Mueller, 1849; 1885; Montagne, 1850; Mitten, 1869; Paris, 1904b; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938).
Falkland Islands (Wilson and Hooker, 1847; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a).
Antarctic, peninsula region (Wright, 1905; Cardot, 1908a, 1911c, 1912b; Brotherus, 1924a; Bartram, 1957; Steere, 1961a; Robinson, 1972).

ssp. *alpicola* (Hedw.) Meyl.

Schistidium alpicola

ssp. confertum (Funck) Loesk. (Loeske, 1913).

Syn. *Grimmia conferta* Funck (Funck, 1820).

Schistidium confertum (Funck) B.S.G. (Bruch and others, 1845).
Grimmia apocarpa Hedw. var. *conferta* (Funck) Spreng. (Sprengel, 1827).
Grimmia apocarpa Hedw. ssp. *conferta* (Funck) Boul. (Boulay, 1884).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
 Falkland Islands (Cardot and Brotherus, 1923).

var. *rivulare* (Brid.) B.S.G.

Schistidium apocarpum

S. ciliatum (Hedw.) Brid. var. *imberbe* (Sm.) Hueb.

Hedwigidium integrifolium

S. confertum (Funck) B.S.G.

Schistidium apocarpum* ssp. *confertum

S. imberbe (Sm.) Nees et Hornsch.

Hedwigidium integrifolium

S. maritimum (Turn.) B.S.G. (Bruch and others 1845).

Syn. *Grimmia maritima* Turn. (Turner, 1804a).

Grimmia alpicola Sw. ex Hedw. var. *maritima* (Turn.) Wahlenb. (Wahlenberg, 1812).

Distr. Southern South America (Wilson and Hooker, 1847).

S. plagiopodium (Hedw.) Loesk.

Grimmia plagiopodia

S. praemorsum (C. Muell.) Herz.

Grimmia praemorsa

S. rivulare (Brid.) Podp.

Schistidium apocarpum

S. subsessile (Brid.) Brid.

Pterygoneurum subsessile

Schistophyllum *hom. illeg.*

S. acacioides (Schrad.) Lindb.

Fissidens osmundoides

S. adianthoides (Hedw.) Lindb.

Fissidens adianthoides

S. asplenioides (Hedw.) Brid.

Fissidens asplenioides

S. bryoides (Hedw.) Lindb.

Fissidens bryoides

S. julianum (Cand.) Lindb.

Fissidens fontanus

S. osmundoides (Hedw.) Lindb.

Fissidens osmundoides

var. *microcarpum* (B.S.G.) Kindb.

Fissidens osmundoides

S. semicompletum (Hedw.) Lindb.

Fissidens semicompletus

S. taxifolium (Hedw.) Lindb.

Fissidens taxifolius

Schlotheimia

S. aequifolia Dus. (Dusén *in* Naveau, 1928) *nom. nud.*

Distr. Southern South America (Naveau, 1928).

S. argentinica Lor. et C. Muell. (Lorentz and Mueller *in* Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. asperrima Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1925; Kühnemann, 1938).

S. gracillima Besch.

Macromitrium gracillimum

S. jamesonii (Arnott) Brid. (Bridel, 1826).

Syn. *Orthotrichum jamesonii* Arnott (Arnott, 1824b).

Macromitrium jamesonii (Arnott) C. Muell. (Mueller, 1845).

Distr. Southern South America (Hornschuch, 1840; Herter, 1933a).

S. linearifolia (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1960b).

Syn. *Macromitrium linearifolium* C. Muell. (Mueller, 1845).

Schlotheimia longifolia Hornsch. (Hornschuch, 1840) *hom. illeg.*

Distr. Southern South America (Hornschuch, 1840; Mueller, 1849; Gibert, 1873; Paris, 1905b; Herter, 1933a).

S. longifolia Hornsch.

Schlotheimia linearifolia

S. nitida Swaegr.

Schlotheimia torquata

S. ottonis Swaegr.

Schlotheimia torquata

S. striata Herz. (Herzog, 1952a).

Distr. Southern South America (Herzog, 1952a).

S. torquata (Hedw.) Brid. (Bridel, 1812).

Syn. *Hypnum torquatum* Hedw. (Hedwig, 1801).

Orthotrichum torquatum (Hedw.) Arnott (Arnott, 1827).

Macromitrium torquatum (Hedw.) C. Muell. (Mueller, 1845).

Schlotheimia nitida Swaegr. (Swaegrichen, 1826).

Schlotheimia ottonis Swaegr. (Swaegrichen, 1826).

Macromitrium ottonis (Swaegr.) C. Muell. (Mueller, 1845).

Distr. Southern South America (Swaegrichen, 1826; Bridel, 1827a; Hornschuch, 1840; Mueller, 1849; Gibert, 1873; Jaeger, 1874; Herter, 1933a).

S. trichomitria Swaegr. (Swaegrichen, 1826).

Syn. *Macromitrium trichomitrium* (Swaegr.) C. Muell. (Mueller, 1845).

Distr. Southern South America (Swaegrichen, 1826, 1827a; Bridel, 1827a; Hornschuch, 1840; Mueller, 1849; Gibert, 1873; Jaeger, 1874; Paris, 1905b; Felippone, 1912; Herter, 1933a).

Sciaromium

S. confluens (C. Muell.) Par. (Paris, 1898).

Syn. *Hypnum confluens* C. Muell. (Mueller, 1885).

Brachythecium confluens (C. Muell.) Kindb. (Kindberg, 1888).

Limbella confluens (C. Muell.) C. Muell. (Mueller, 1889) *comb. inval.*

Distr. Southern South America (Mueller, 1885, 1889; Paris, 1898, 1905b; Dusén, 1903a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

S. conspissatum Par. (Paris, 1898).

Syn. *Limbella conspissatula* C. Muell. (Mueller, 1897a) *comb. inval.*

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. conspissatum (Hook. f. et Wils.) Mitt. (Mitten, 1869).

Syn. *Hypnum conspissatum* Hook. f. et Wils. (Hooker, J.D. and Wilson, 1844).

Limbella conspissata (Hook. f. et Wils.) C. Muell. (Mueller, 1889) *comb. inval.*

Distr. Southern South America (Mueller, 1851a, 1889; Sullivant, 1859; Lorentz, 1866; Jaeger and Sauerbeck, 1879a; Paris, 1905b; Cardot, 1908a; Thériot, 1915; Brotherus, 1925; Kühnemann, 1938; Herzog, 1939, 1954, 1960; Bartram, 1952; Seki, 1974).
Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mitten, 1869; Jaeger and Sauerbeck, 1879a; Paris, 1905b; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).
South Georgia (Cardot, 1906a, 1908a; Brotherus, 1925; Steere, 1961b).

var. *maritimum* (Card.) Herz.

Sciaromium obscurifolium

S. crassinervatum Mitt. (Mitten, 1869).

Distr. Southern South America (Herzog, 1939).

S. depastum Dus. (Dusén, 1903a).

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

S. drepanophylloidsis Par. (Paris, 1898).

Syn. *Limbella drepanophylloidsis* C. Muell. (Mueller, 1897a) *comb. inval.*

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

***S. flavidulum* Dus. (Dusén, 1905b).**

Distr. Southern South America (Dusén, 1905b; Cardot, 1908a; Brotherus, 1925).

***S. gracile* Dus. (Dusén, 1903a).**

Distr. Southern South America (Dusén, 1903a; Cardot, 1908a; Brotherus, 1925; Kühnemann, 1938).

***S. krauseanum* Par. (Paris, 1898).**

Syn. *Limbella krauseana* C. Muell. (Mueller, 1897a) *comb. inval.*

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

***S. maritimum* Card.**

Sciaromium obscurifolium

***S. nigratum* Dus. (Dusén, 1905b).**

Distr. Southern South America (Dusén, 1905b; Cardot, 1908a; Brotherus, 1925).

***S. obscurifolium* Mitt. (Mitten, 1869).**

Syn. *Sciaromium maritimum* Card. (Cardot, 1905a).

Sciaromium conspissatum (Hook. f. et Wils.) Mitt. *var. maritimum* (Card.) Herz. (Herzog, 1954).

Distr. Southern South America (Mitten, 1869; Jaeger and Sauerbeck, 1879a; Paris, 1905b; Cardot and Brotherus, 1923; Thériot, 1924, 1934b; Brotherus, 1925; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

***S. pachyloma* (Mont.) Par. (Paris, 1898).**

Syn. *Gymnostomum pachyloma* Mont. (Montagne, 1838).

Grimmia pachyloma (Mont.) Mitt. (Mitten, 1869).

Hypnum pachyloma (Mont.) C. Muell. (Mueller, 1889).

Limbella pachyloma (Mont.) C. Muell. (Mueller, 1897a) *comb. inval.*

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Montagne, 1838, 1850; Mueller, 1851a, 1889, 1897a; Mitten, 1869; Jaeger, 1874; Paris, 1898, 1905b; Cardot and Brotherus, 1923; Espinosa B., 1924; Brotherus, 1925; Reimers, 1926; Kühnemann, 1938; Bartram, 1952).

***var. brevifolium* Thér. (Thériot, 1924).**

Distr. Southern South America (Costes, 1921 (as fo. *brevifolium*); Thériot, 1924).

***var. gracilescens* Herz. (Herzog, 1954).**

Distr. Southern South America (Herzog, 1954).

***S. pachylomatum* Par. (Paris, 1898).**

Syn. *Limbella pachylomata* C. Muell. (Mueller, 1897a) *comb. inval.*

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Kurtz, 1904; Brotherus, 1925; Kühnemann, 1938).

***S. platylomatum* Par. (Paris, 1898).**

Syn. *Limbella platylomata* C. Muell. (Mueller, 1897a) *comb. inval.*

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Hosseus, 1936, 1937).

Sclerodontium nom. rejic.

***S. pellucidum* Schwaegr.**

Dimerodontium pellucidum

Scleropodium*S. pseudo-purum* (C. Muell.) Broth.***Pseudoscleropodium pseudopurum*****Scouleria*****S. patagonica*** (Mitt.) Jaeg. (Jaeger, 1876).Syn. *Grimmia patagonica* Mitt. (Mitten, 1869).Distr. Southern South America (Mitten, 1869; Jaeger, 1876; Paris, 1905b; Dusén, 1907; Cardot, 1908a; Brotherus, 1924a; Thériot, 1935a (as fo. *squarrosa*); Kühnemann, 1938; Bartram, 1952; Herzog, 1954, 1960; Seki, 1974; Matteri, 1979).**Seligeria***S. kunzeana* (C. Muell.) C. Muell.***Microdus kunzeanus****S. kunzei* Kindb.***Microdus kunzeanus*****Sematophyllum*****S. aberrans*** (Broth.) Bartr. (Bartram, 1959) *fide* Robinson, 1975.Syn. *Rhaphidostegium aberrans* Broth. (Brotherus, 1924b).*Rhaphidorrhynchium aberrans* (Broth.) Broth. (Brotherus, 1925).*Rhaphidostegium caespitosoides* Broth. (Brotherus, 1924b) *fide* Robinson, 1975.*Sematophyllum caespitosoides* (Broth.) Broth. (Brotherus, 1925).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

S. amoenum (Hedw.) Mitt.***Rhaphidorrhynchium amoenum******S. ampullulatum*** (C. Muell.) Broth. (Brotherus, 1925).Syn. *Aptychus ampullulatus* C. Muell. (Mueller, 1897a).*Rhaphidostegium ampullulatum* (C. Muell.) Broth. (Brotherus, 1908).*Aptychus ampullatus* C. Muell. *ex* Par. (Mueller *ex* Paris, 1898) *err.**Rhaphidostegium ampullatum* Par. (Paris, 1898) *hom. illeg.*

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1908, 1925; Kühnemann, 1938).

S. aquicola (C. Muell.) Kindb.***Bryum* sp.***S. aureo-nitidum* Bartr.***Rhaphidorrhynchium scorpiurus******S. aureo-viride*** (C. Muell.) Broth. (Brotherus, 1925).Syn. *Aptychus aureo-viridis* C. Muell. (Mueller, 1897a).*Rhaphidostegium aureo-viride* (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. brachycladulum (Broth.) Broth. (Brotherus, 1925).Syn. *Rhaphidostegium brachycladulum* Broth. (Brotherus, 1924b).Distr. Juan Fernandez (Brotherus, 1924b (and as *S. caespitosum* *fide* Robinson, 1975), 1925; Bartram, 1959; Robinson, 1975).***S. bracteatum*** (C. Muell.) Broth. (Brotherus, 1925).Syn. *Hypnum bracteatum* C. Muell. (Mueller, 1879a).*Rhaphidostegium bracteatum* (C. Muell.) Kindb. (Kindberg, 1888).*Aptychus catilliformis* C. Muell. (Mueller, 1897a).*Rhaphidostegium catilliforme* (C. Muell.) Par. (Paris, 1898).*Sematophyllum catilliforme* (C. Muell.) Broth. (Brotherus, 1925).

Distr. Southern South America (Mueller, 1879a, 1897a; Paris, 1898, 1900a, 1905b; Brotherus, 1925; Felippone, 1929; Herter, 1933a, 1943; Kühnemann, 1938; Hosseus, 1939).

S. caespitosoides (Broth.) Broth.***Sematophyllum aberrans***

S. caespitosum (Hedw.) Mitt. (Mitten, 1869).

- Syn.* *Leskea caespitosa* Hedw. (Hedwig, 1801).
Rhapidostegium caespitosum (Hedw.) Besch. (Bescherelle, 1876).
Hypnum loxense Hook. (Hooker in Kunth, 1822).
Rhapidostegium loxense (Hook.) Jaeg. (Jaeger, 1874).

Distr. Juan Fernandez (Montagne, 1835).
 Southern South America (Krieger, 1904; Hosseus, 1938c, d).

S. callidum (Mont.) Mitt.***Rhapidorrhynchium callidum*****S. catilliforme** (C. Muell.) Broth.***Sematophyllum bracteatum*****S. cirrhifolium** (Arnott) Mitt. (Mitten, 1885).

- Syn.* *Hookeria cirrhifolium* Arnott (Arnott, 1827).
Hypnum cirrifolium (Arnott) Schwaegr. (Schwaegrichen in Gaudichaud, 1826 [1828])
hom. illeg.

Distr. Juan Fernandez (Montagne, 1835).
 Falkland Islands (Gaudichaud, 1826).

S. crassiusculum (Brid.) Broth. (Brotherus, 1925).

- Syn.* *Hypnum crassiusculum* Brid. (Bridel, 1812).

Distr. Juan Fernandez (Johow, 1896).
 Southern South America (Montagne, 1850).

S. grandicellulosum (C. Muell.) Broth. (Brotherus, 1925).

- Syn.* *Aptychus grandicellulosus* C. Muell. (Mueller, 1897a).
Rhapidostegium grandicellulosum (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925;
 Kühnemann, 1938).

S. kunkelii H. Robinson (Robinson, 1974).

Distr. Juan Fernandez (Robinson, 1974, 1975).

S. leptophyllum Mitt.***Rhapidorrhynchium leptophyllum*****S. leucocytus** (C. Muell.) Sains. (Sainsbury, 1955).

- Syn.* *Hypnum leucocytus* C. Muell. (Mueller, 1851a).
Rhapidostegium leucocytus (C. Muell.) Jaeg. (Jaeger, 1878).

Distr. Southern South America (Cardot, 1908a).

S. macrocytus (C. Muell.) Broth. (Brotherus, 1925).

- Syn.* *Aptychus macrocytus* C. Muell. (Mueller, 1897a).
Rhapidostegium macrocytus (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925;
 Kühnemann, 1938).

S. masafuerae (Broth.) Bartr. (Bartram, 1959) *fide* Robinson, 1975.

- Syn.* *Rhapidostegium masafuerae* Broth. (Brotherus, 1924b) *fide* Robinson, 1975.
Rhapidorrhynchium masafuerae (Broth.) Broth. (Brotherus, 1925).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Bartram, 1959; Robinson, 1975).

S. micrangium (C. Muell.) Broth. (Brotherus, 1925).

- Syn.* *Aptychus micrangius* C. Muell. (Mueller, 1897a).
Rhapidostegium micrangium (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1905b; Brotherus, 1925; Kühnemann,
 1938).

S. microcarpoides (C. Muell.) Broth. (Brotherus, 1925).

- Syn.* *Hypnum microcarpoides* C. Muell. (Mueller, 1879a).
Rhapidostegium microcarpoides (C. Muell.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

S. minutum Broth.

Rhaphidorrhynchium minutum

S. nanocephalum (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Aptychus nano-cephalus* C. Muell. (Mueller, 1897a).
Rhaphidostegium nano-cephalum (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

var. *subglauculum* (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1959).

Syn. *Aptychus nano-cephalus* C. Muell. var. *subglauculus* C. Muell. (Mueller, 1897a).
Rhaphidostegium nano-cephalum (C. Muell.) Par. var. *subglauculum* (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. noduliferum Mitt.

Rhaphidorrhynchium noduliferum

S. perichaetiale Thér. (Thériot in Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

S. scorpiurus (Mont.) Mitt.

Rhaphidorrhynchium scorpiurus

S. secundifolium (C. Muell.) Mitt.

Drepanocladus secundifolius

S. serifolium (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Aptychus serifolius* C. Muell. (Mueller, 1897a).
Rhaphidostegium serifolium (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. stenopyxidium (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Hypnum stenopyxidium* C. Muell. (Mueller, 1879a).
Rhaphidostegium stenopyxidium (C. Muell.) Kindb. (Kindberg, 1888).

Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1925; Herter, 1933a; Kühnemann, 1938; Hosseus, 1939).

S. subsimplex (Hedw.) Mitt. (Mitten, 1869).

Syn. *Hypnum subsimplex* Hedw. (Hedwig, 1801).
Isothecium subsimplex (Hedw.) Brid. (Bridel, 1827b).
Plagiothecium subsimplex (Hedw.) Besch. (Bescherelle, 1871–72 [1872]).
Rhaphidorrhynchium subsimplex (Hedw.) Broth. (Brotherus, 1925).
Rhaphidostegium subsimplex (Hedw.) Besch. (Bescherelle, 1876).
Hypnum simplex Brid. (Bridel, 1812) *nom. illeg.*

Distr. Southern South America (Bescherelle, 1889; Paris, 1905b; Cardot, 1908a).

S. temperatum (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Aptychus temperatus* C. Muell. (Mueller, 1897a).
Rhaphidostegium temperatum (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. tenerifolium (C. Muell.) Broth. (Brotherus, 1925).

Syn. *Aptychus tenerifolius* C. Muell. (Mueller, 1897a).
Rhaphidostegium tenerifolium (C. Muell.) Par. (Paris, 1898).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b; Brotherus, 1925; Kühnemann, 1938).

S. tucumanense Bartr. (Bartram, 1965).

Distr. Southern South America (Bartram, 1965).

*Sigmatella hom. illeg.**S. microthamnioides* C. Muell.*Taxithelium microthamnioides**Simophyllum nom. illeg.**S. viridulum* Lindb.*Weisia controversa**Skitophyllum nom. illeg.**S. acacioides* (Schrad.) Pyl.*Fissidens osmundoides**S. adianthoides* (Hedw.) Pyl.*Fissidens adianthoides**S. asplenioides* (Hedw.) Pyl.*Fissidens asplenioides**S. bryoides* (Hedw.) Pyl.*Fissidens bryoides**S. dillenii* Pyl.*Fissidens fontanus**S. fontanum* Pyl.*Fissidens fontanus**S. julianum* (Cand.) Brid.*Fissidens fontanus**S. osmundoides* (Hedw.) Pyl.*Fissidens osmundoides**S. semi-completum* (Hedw.) Pyl.*Fissidens semicompletus**S. taxifolium* (Hedw.) Pyl.*Fissidens taxifolius****Skottsbergia******S. paradoxa*** Card. (Cardot, 1905*b*).

Distr. Southern South America (Roivainen and Bartram, 1937; Kühnemann, 1938).
 South Georgia (Cardot, 1905*a*, 1906*a*, 1907*b*, 1908*a*; Brotherus, 1924*a*; Steere,
 1961*b*).

*Sphaerangium nom. illeg.**S. lorentzii* (C. Muell.) Par.*Astomum lorentzii**S. vesiculosum* (C. Muell.) Kindb.*Acaulon vesiculosum****Sphaerocephalus****S. palustris* (Hedw.) Lindb.*Aulacomnium palustre****Sphagnum****S. acutifolium* Schrad. (Schrader, 1794).

Distr. Southern South America (Paris, 1905*b* (as forma *diblastum* (C. Muell.) Par.)).
 Falkland Islands (Gaudichaud, 1825).

var. *tenellum* Schwaegr. (Schwaegrichen in Gaudichaud, 1826 [1828]) *nom. nud.*

Distr. Falkland Islands (Gaudichaud, 1826).

S. amblyphyllum (Russ.) Warnst. (Warnstorf, 1911).

Distr. Southern South America (Thériot, 1934*b*).

S. andinum Hamp. (Hampe, 1866).

Distr. Southern South America (Lorentz, 1866; Jaeger, 1870).

S. bicolor Besch. (Bescherelle, 1885*a*).

Distr. Southern South America (Mueller, 1885; Bescherelle, 1885*a*, 1889; Hariot, 1891).

S. capillaceum (Weiss) Schrank (Schrank, 1789).

Distr. Southern South America (Andrews, 1947).

S. chilense Lor. (Lorentz, 1866).

Distr. Southern South America (Lorentz, 1866).

S. cuspidatum Ehrh. ex Hoffm. (Ehrhardt ex Hoffmann, 1795 [1796]).

Distr. Southern South America (Wilson and Hooker, 1847; Sullivant, 1859; Cardot, 1908*a*;
 Warnstorf, 1911; Cardot and Brotherus, 1923; Thériot, 1934*b*; Andrews, 1949*b*).
 Falkland Islands (Wilson and Hooker, 1847; Kühnemann, 1938).

- var. falcatum* (Besch.) Par. (Paris, 1897).
Distr. Southern South America (Paris, 1897, 1905b).
- var. falcatum* Russ. (Russow, 1867).
Distr. Southern South America (Dusén, 1903b; Paris, 1905b; Cardot, 1908a).
- var. microporum*** (Warnst.) Par. (Paris, 1897).
Distr. Falkland Islands (Paris, 1897, 1905b).
- var. miquelonense* (Ren. et Card.) Ren. et Card. (Renauld and Cardot *in* Cardot, 1887).
Distr. Southern South America (Dusén, 1903b; Cardot, 1908a).
- var. serratum* (Aust.) Aust. (Austin, 1880).
Distr. Southern South America (Dusén, 1903b; Cardot 1908a).
- var. submersum*** Schimp. (Schimper, 1858 [1857]).
Distr. Southern South America (Dusén, 1903b; Paris, 1905b).
- S. cymbifolium*** (Ehrh.) Hedw. (Hedwig, 1782).
Distr. Southern South America (Sullivant, 1859; Mitten, 1869; Jaeger, 1870; Paris, 1905b; Spegazzini, 1922).
 Falkland Islands (Bridel, 1827a; Wilson and Hooker, 1847).
- var. condensatum* Hook. f. (Hooker *in* Wilson and Hooker, 1847) *hom. illeg.*
Distr. Southern South America (Wilson and Hooker, 1847; Ångström, 1872; Paris, 1905b).
- var. magellanicum* (Brid.) P. Beauv. (Palisot de Beauvois, 1805a).
Distr. Southern South America (Palisot de Beauvois, 1805a; Bridel, 1826).
- var. paradisi* Besch. (Bescherelle *in* Warnstorf, 1890a) *nom. nud.*
Distr. Southern South America (Warnstorf, 1890a).
- S. diblastum*** C. Muell. (Mueller, 1887a).
Distr. Southern South America (Mueller, 1887a; Warnstorf, 1911; Brotherus, 1924a; Kühnemann, 1938).
- S. dissimile*** Roiv. (Roivainen *in* Roivainen and Bartram, 1937).
Distr. Southern South America (Roivainen and Bartram, 1937).
- S. dusenioides*** Roiv. (Roivainen *in* Roivainen and Bartram, 1937).
Distr. Southern South America (Roivainen and Bartram, 1937).
- S. falcatum*** Besch. (Bescherelle, 1885a).
Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1885; Hariot, 1891; Warnstorf, 1894, 1895, 1911; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen and Bartram, 1937; Kühnemann, 1938; Andrews, 1949b; Seki, 1974).
- var. microporum*** Warnst. (Warnstorf, 1895).
Distr. Falkland Islands (Warnstorf, 1895, 1911; Cardot, 1908a; Kühnemann, 1938).
- S. fimbriatum*** Wils. (Wilson *in* Wilson and Hooker, 1845).
Distr. Southern South America (Wilson and Hooker, 1847; Sullivant, 1859; Mitten, 1869; Jaeger, 1870; Mueller, 1885; Cardot, 1900, 1901, 1905a, 1908a; Paris, 1905b; Warnstorf, 1911; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1939; Andrews, 1947; Seki, 1974).
 Falkland Islands (Wilson and Hooker, 1847; Jaeger, 1870; Mueller, 1885; Cardot, 1905a, 1908a; Paris, 1905b; Andrews, 1947).
 South Georgia (Greene, 1964, 1968a).
- var. molluscooides*** Card. (Cardot *in* Cardot and Brotherus, 1923).
Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *robustum* Braithw. ex Warnst. (Braithwaite ex Warnstorf, 1884a) *nom. illeg.*

Distr. Southern South America (Dusén, 1903a, b (and as forma *brachydasyclada* and forma *laxifolia*), 1905d (as forma *brachydasyclada*); Paris, 1905b; Cardot, 1908a; Warnstorf, 1911; Cardot and Brotherus, 1923; Kühnemann, 1938; Herzog, 1939).

var. *validus* Card. (Cardot, 1884).

Distr. Southern South America (Warnstorf, 1911; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923).

S. hahnianum C. Muell. (Mueller in Warnstorf, 1890a) *nom. nud.*

Distr. Southern South America (Warnstorf, 1890a).

S. imbricatum Hornsch. ex Russ. (Hornschuch ex Russow, 1867).

Distr. Southern South America (Warnstorf, 1911).

S. lechleri Warnst. (Warnstorf, 1907).

Distr. Southern South America (Warnstorf, 1907, 1911 (but see Andrews, 1947, p. 183)).

S. magellanicum Brid. (Bridel, 1798).

Distr. Southern South America (Bridel, 1801b, 1803, 1806; Roivainen and Bartram, 1937; Herzog, 1938, 1939; Kühnemann, 1938; Seki, 1974).

var. *congestum* (Schimp.) Roell (Röll, 1915).

Distr. Falkland Islands (Kühnemann, 1938).

var. *versicolor* (Warnst.) Wijk et Marg. (van der Wijk and Margadant, 1965).

Distr. Southern South America (Kühnemann, 1938).

S. medium Limpr. (Limpricht, 1881).

Distr. Southern South America (Warnstorf, 1894, 1911 (as forma *brachy-orthocladum* Warnst.); Paris, 1905b; Cardot, 1908a; Brotherus, 1924a; Herter, 1933a, 1943; Martin, 1949).

var. *congestum* (Schimp.) Warnst. (Warnstorf, 1883).

Distr. Southern South America (Röll, 1886 (as forma *bicolor* Besch.); Cardot, 1905a, 1913a; Cardot and Brotherus, 1923).
Falkland Islands (Cardot and Brotherus, 1923).

var. *fusco-rubellum* Warnst. (Warnstorf in Dusén, 1903b) *nom. nud.*

Distr. Southern South America (Dusén, 1903a, b (as forma *brachydasyclada*); Kühnemann, 1938).

var. *laeve* (Russ.) Warnst. (Warnstorf, 1890b).

Distr. Southern South America (Warnstorf, 1890b (as forma *albescens* Warnst.); Paris, 1905b).

var. *pallido-carneum* Warnst. (Warnstorf in Dusén, 1903b) *nom. nud.*

Distr. Southern South America (Dusén, 1903b (as forma *brachydasyclada*)).

var. *purpurascens* (Russ.) Warnst. (Warnstorf, 1884b).

Distr. Southern South America (Dusén, 1903b, 1905d (and as forma *brachylomatoclada*); Cardot and Brotherus, 1923; Kühnemann, 1938).
Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *roseum* ((Roell) Warnst. (Warnstorf, 1888).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *violascens* Warnst. (Warnstorf in Horrell, 1900).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

var. *virescens* Warnst. (Warnstorf, 1888).

Distr. Southern South America (Cardot and Brotherus, 1923).

S. nano-porosum Warnst. (Warnstorf, 1898).

Distr. Falkland Islands (Warnstorf, 1898, 1911; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

- var. *skottsbergii*** Card. (Cardot *in* Cardot and Brotherus, 1923).
Distr. Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
- S. patagoniense*** Warnst. (Warnstorf, 1911).
Distr. Southern South America (Warnstorf, 1911; Brotherus, 1924a; Herzog, 1939 (as *S. patagonicum* Warnst.)).
- var. *submersum*** Warnst. (Warnstorf, 1911).
Distr. Southern South America (Warnstorf, 1911).
- S. personatum*** Roiv. (Roivainen *in* Roivainen and Bartram, 1937).
Distr. Southern South America (Roivainen and Bartram, 1937).
- S. plumulosum*** Roell (Röll, 1886).
Distr. Southern South America (Warnstorf, 1911; Brotherus, 1924a; Kühnemann, 1938; Andrews, 1947).
- S. pulchricoma*** C. Muell. (Mueller, 1848a).
Distr. Southern South America (Mitten, 1869; Jaeger, 1870; Herzog, 1938).
- S. recurvum*** P. Beauv. (Palisot de Beauvois, 1805a).
Distr. Southern South America (Paris, 1905b; Cardot, 1908a; Andrews, 1949b).
- S. rigescens*** Warnst. (Warnstorf, 1898).
Distr. Southern South America (Warnstorf, 1898, 1911; Dusén, 1903a, b; Paris, 1905b; Cardot, 1908a; Brotherus, 1924a; Andrews, 1941).
- S. schwabeanum*** Paul (Paul *in* Herzog, 1939).
Distr. Southern South America (Herzog, 1939).
- S. squarrosum*** Crom. (Crome *in* Hoppe, 1801).
Distr. Southern South America (Harriot, 1891).
- S. subfalcatulum*** Roiv. (Roivainen *in* Roivainen and Bartram, 1937).
Distr. Southern South America (Roivainen and Bartram, 1937; Kühnemann, 1938).
- S. subnitens*** Russ. et Warnst. var. *purpurascens* Schlieph. ex C. Jens. (Schliephacke ex Jensen, 1890).
Distr. Southern South America (Dusén, 1903b; Paris, 1905b; Cardot, 1908a).
- S. subrigidum*** Hamp. et Lor. (Hampe and Lorentz *in* Lorentz, 1868).
Distr. Southern South America (Paris, 1905b; Warnstorf, 1911; Brotherus, 1924a (but see Andrews, 1947)).
- S. subserratum*** Roiv. (Roivainen *in* Roivainen and Bartram, 1937).
Distr. Southern South America (Roivainen and Bartram, 1937).
- S. tenerum*** Sull. et Lesq. (Sullivant and Lesquereux, 1856).
Distr. Southern South America (Andrews, 1947).
- S. teres*** (Schimp.) Aongstr. var. *laxum* Braithw. ex Warnst. (Braithwaite ex Warnstorf, 1881a).
Distr. Southern South America (Paris, 1905b).
- S. torreyanum*** Sull. (Sullivant, 1849).
Distr. Southern South America (Warnstorf, 1911; Brotherus, 1924a).
- S. trinitense*** C. Muell. (Mueller, 1848a).
Distr. Southern South America (Cardot and Brotherus, 1923).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
- S. undulatum*** Warnst. (Warnstorf, 1894).
Distr. Southern South America (Warnstorf, 1894, 1895, 1911; Dusén, 1903b; Paris, 1905b; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

Splachnobryum

S. lorentzii C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1905*b*; Brotherus, 1924*a*; Hosseus, 1935*b*, 1937; Kühnemann, 1938).

S. valdiviae C. Muell. (Mueller, 1897*c*).

Distr. Southern South America (Mueller, 1897*c*; Paris, 1905*b*; Brotherus, 1924*a*).

Splachnum

S. magellanicum Brid.

Tayloria magellanica

S. mnioides Hedw.

Tetraplodon mnioides

S. octoblepharum Hook.

Tayloria octoblepharum

Sporledera

S. hampeana (C. Muell.) Mitt.

Bruchia hampeana

S. schwaegrichenii Hamp.

Bruchia hampeana

Squamidium

S. lorentzii (C. Muell.) Broth. (Brotherus, 1906*b*).

Syn. *Meteorium lorentzii* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1905*a*; Brotherus, 1906*b*, 1925; Kühnemann, 1938).

S. turgidulum (C. Muell.) Broth. (Brotherus, 1906*b*).

Syn. *Neckera turgidula* C. Muell. (Mueller, 1879*a*).

Pilotrichella turgidula (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1897, 1905*b*; Brotherus, 1906*b*, 1925; Kühnemann, 1938).

var. triste (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1961).

Syn. *Neckera turgidula* C. Muell. *var. tristis* C. Muell. (Mueller, 1879*a*).

Pilotrichella turgidula (C. Muell.) Par. *var. tristis* (C. Muell.) Par. (Paris, 1897).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1897, 1905*b*).

Stableria

S. tenella (Mitt.) Broth.

Orthodontium gracile

Stegonia

S. guessfeldtii (Schliep.) Hag.

Pottia heimii var. guessfeldtii

S. latifolia (Schwaegr.) Vent. ex Broth. (Brotherus, 1923).

Syn. *Weisia latifolia* Schwaegr. (Schwaegrichen, 1804).

Distr. Antarctic, peninsula region (Smith, 1972, p. 31).

S. lorentzii (C. Muell.) Hag. (Hagen *in* Hagen and Printz, 1929).

Syn. *Pottia lorentzii* C. Muell. (Mueller, 1879*a*).

Distr. Southern South America (Mueller, 1879*a*; Paris, 1905*b*; Warnstorf, 1916; Brotherus, 1924*a*; Kühnemann, 1938).

Stenocarpidium

S. leucodon C. Muell. (Mueller, 1897*a*).

Distr. Southern South America (Mueller, 1897*a*; Paris, 1905*b*; Brotherus, 1925; Hosseus, 1935*b*, 1938*c*, *d*; Kühnemann, 1938).

Stenomitrium

S. aureum Par. (Paris, 1905*b*) *nom. nud.*

- Syn.* *Pentastichella aurea* Dus. (Dusén, 1903a) *nom. nud.*
Distr. Southern South America (Dusén, 1903a; Paris, 1905b).
- S. pentastichum* (Mont.) Broth.
S. robustulum Par.
- Stereodon nom. illeg.*
- S. acicularis* (Brid.) Mitt.
S. auriculatus (Mont.) Mitt.
S. campoanus Thér.
S. cochlearifolius (Schwaegr.) Mitt.
S. cupressiformis (Hedw.) Brid. *ex* Mitt.
S. densifolius (Brid.) Mitt.
S. denticulatus (Hedw.) Mitt.
S. gracilis (Hook. f. et Wils.) Mitt.
S. gracilis Dus.
S. lagurus (Hook.) Mitt.
S. lechleri (C. Muell.) Mitt.
S. mollis (Hedw.) Mitt.
S. nitidus (Hook. f. et Wils.) Mitt.
S. pallens Broth.
S. pseudo-pallens Dus. (Dusén *in* Naveau, 1928) *nom. nud.*
Distr. Southern South America (Naveau, 1928).
- S. ptychocarpum* (Schwaegr.) Mitt.
S. revolutus Mitt.
S. spegazzinii (C. Muell.) Broth.
S. varius (Hedw.) Mitt.
- Stereohypnum***
- S. humile* (Besch.) Herz.
S. tapes (C. Muell.) Fleisch.
- Stereophyllum***
- S. aptychopsis*** C. Muell. (Mueller, 1897a).
Distr. Southern South America (Mueller, 1897a; Paris, 1905b; Brotherus, 1925; Kühnemann, 1938; Herzog, 1952a).
- S. argentanicum*** Broth. (Brotherus, 1918).
Distr. Southern South America (Brotherus, 1918, 1925; Kühnemann, 1938).
- S. brevipes*** (C. Muell.) Mitt. (Mitten, 1869).
Syn. *Hypnum brevipes* C. Muell. (Mueller, 1851a).
Euglossophyllum brevipes (C. Muell.) Hamp. (Hampe, 1870) *comb. inval.*
Glossophyllum brevipes (C. Muell.) Hamp. (Hampe, 1879).
Distr. Southern South America (Brotherus, 1918; Kühnemann, 1938).
- S. fuegianum* Besch.
- S. homalioides*** Besch. (Bescherelle, 1891).
Distr. Southern South America (Herzog, 1952a).
var. *bellirete* Herz. (Herzog, 1952a).
Distr. Southern South America (Herzog, 1952a).
- Zygodon pentastichus***
Zygodon bartramioides
- Ptychomnion aciculare***
Acrocladium auriculatum
Hypnum campoanum
Weymouthia cochlearifolia
Hypnum cupressiforme
Ptychomnion densifolium
Plagiothecium denticulatum
Camptochaete gracilis
Hypnum gracile
Lepyrodon lagurus
Hypnum chrysogaster
Weymouthia mollis
Catagonium nitidum
Hypnum skottsbergii
- Ptychomnion ptychocarpum***
Hypnum revolutum
Hypnum spegazzinii
Amblystegium varium
- Mittenothamnium humile***
Mittenothamnium tapes
- Brachythecium fuegianum***

- S. krausei* (C. Muell.) Broth. ***Juratzkaea krausei***
- S. lepidopiloides*** (C. Muell.) Wijk et Marg. (van der Wijk and Margadant, 1959).
Syn. *Hypnum lepidopiloides* C. Muell. (Mueller, 1879a).
Brachythecium lepidopiloides (C. Muell.) Kindb. (Kindberg, 1888).
Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Hosseus, 1935a, 1937).
- S. leucostegum*** (Brid.) Mitt. (Mitten, 1869).
Syn. *Leskea leucostega* Brid. (Bridel, 1827b).
Hypnum leucostegum (Brid.) C. Muell. (Mueller, 1851a).
Rhyncho-hypnum leucostegum (Brid.) Hamp. (Hampe, 1870) *comb. inval.*
Distr. Southern South America (Brotherus, 1918, 1925; Kühnemann, 1938; Herzog, 1952a).
- S. seminerve* (Schwaegr.) Mitt. ***Juratzkaea seminervis***
- Streblotrichum***
- S. gracile* Par. ***Tortella humilis***
- S. humile* (Hedw.) P. Beauv. ***Tortella humilis***
- S. piliferum* (Hook.) Hilp. ***Tortula pilifera***
- S. unguiculatum* (Hedw.) Loesk. ***Barbula unguiculata***
- Streptocalypta***
- S. fernandeziana* Card. (Cardot in Skottsberg, 1914) *nom. nud.*
Distr. Southern South America (Skottsberg, 1914).
- S. lorentziana*** C. Muell. (Mueller, 1879a).
Syn. *Streptocalypta lorentzii* C. Muell. ex Kindb. (Mueller ex Kindberg, 1889) *nom. illeg.*
Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1924a; Hilpert, 1933; Kühnemann, 1938).
- S. lorentzii* C. Muell. ex Kindb. ***Streptocalypta lorentziana***
- Streptopogon***
- S. crispatus* (C. Muell.) Par. ***Calyptopogon mnioides***
- S. heterophyllus*** Herz. (Herzog, 1916a).
Distr. Southern South America (Herzog, 1952a).
- S. mnioides* (Schwaegr.) Mitt. ***Calyptopogon mnioides***
var. prostratus (Mont.) Jaeg. ***Tortula prostrata***
- Symblepharis***
- S. pumila* Mitt. ***Holodontium pumilum***
- Syntrichia***
- S. anderssonii* (Aongstr.) Herz. ***Tortula anderssonii***
- S. apiculato-pilosa* Dus. ***Tortula apiculato-pilosa***
- S. arenae* (Besch.) Herz. ***Tortula arenae***
- S. brachychaete* Dus. ***Tortula brachychaete***
- S. brevicaulis* Dus. ***Tortula brevicaulis***
- S. costesii* (Thér.) Herz. ***Tortula costesii***
- S. crispatula* C. Muell. ***Calyptopogon mnioides***
- S. ericetorum* (With.) Brid. ***Barbula unguiculata var. patagonica***

- S. flavido-pilosa* Dus. ***Tortula flavido-pilosa***
S. fuegiana Mitt. ***Tortula fuegiana***
S. hyperborea Brid. ***Tortula mucronifolia* var. *arctica***
S. intermedia Brid. ***Tortula intermedia***
S. laevipila Brid. ***Tortula laevipila***
S. lepto-syntrichia C. Muell. ***Tortula lepto-syntrichia***
S. levipila Brid. ex Moenk. ***Tortula laevipila***
S. lingulaefolia (Card. et Broth.) Herz. ***Tortula lingulaefolia***
S. marginato-serrata Dus. ***Tortula marginato-serrata***
S. micro-runcinata Dus. ***Leptodontium longicaule* var. *microruncinatum***
S. mniadelphus (C. Muell.) Herz. ***Tortula mniadelphus***
 var. *cochlearifolia* Herz. ***Tortula mniadelphus* var. *cochlearifolia***
S. muelleri Bruch ***Tortula princeps***
S. muralis (Hedw.) Raab ***Tortula muralis***
S. papillosa (Wils.) Jur. ***Tortula papillosa***
S. perichaetialis Herz. (Herzog, 1957) *nom. nud.*
 Distr. Southern South America (Herzog, 1957).
S. perrubiginosa (Dus.) Par. ***Tortula anderssonii***
S. princeps (De Not.) Mitt. ***Tortula princeps***
S. prostrata (Mont.) Herz. ***Tortula prostrata***
S. pseudo-robusta (Dus.) Herz. ***Tortula pseudo-robusta***
S. robusta Dus. ***Tortula pseudo-robusta***
S. robusta (Hook. et Grev.) Herz. ***Tortula robusta***
S. rubripungeus Broth. (Brotherus in Neger, 1899) *nom. nud.*
 Distr. Southern South America (Neger, 1899).
S. runcinata C. Muell. ***Tortula robusta* var. *runcinata***
S. ruralis (Hedw.) Web. et Mohr ***Tortula ruralis***
 var. *laevipila* (Brid.) Spreng. ***Tortula laevipila***
S. scabrella (Dus.) Herz. ***Tortula scabrella***
S. scabrinervis (C. Muell.) Herz. ***Tortula scabrinervis***
S. serripungens (Lor. et C. Muell.) Herz. ***Tortula serripungens***
S. squarripila (Thér.) Herz. ***Tortula squarripila***

Syrrhopodon

- S. argentinicus*** Lor. ex C. Muell. (Lorentz ex Mueller, 1879a).
 Distr. Southern South America (Mueller, 1879a; Paris, 1905b; Brotherus, 1924a; Kühnemann, 1938).
S. berteroanus (Brid.) C. Muell. ***Syrrhopodon incompletus* var. *berteroanus***
S. berteroi Kindb. ***Syrrhopodon incompletus* var. *berteroanus***
S. decolorans C. Muell. ***Syrrhopodon incompletus***
S. fasciculatus Hook. et Grev. ***Thyridium fasciculatum***
S. incompletus Schwaegr. (Schwaegrichen, 1824).
 Syn. *Syrrhopodon decolorans* C. Muell. (Mueller, 1897c).
 Distr. Southern South America (Hosseus, 1940).
 var. ***berteroanus*** (Brid.) Reese (Reese, 1977).

- Syn. *Dicranum berterioanum* Brid. (Bridel, 1826).
Orthotheca berterioana (Brid.) Brid. (Bridel, 1827a).
Syrhropodon berterioanus (Brid.) C. Muell. (Mueller, 1849).
Syrhropodon berteroi Kindb. (Kindberg, 1888) *nom. illeg.*
Syrhropodon malouinensis C. Muell. (Mueller, 1849) *nom. illeg.*

Distr. Falkland Islands (Bridel, 1827a; Mueller, 1849; Jaeger, 1873; Paris, 1905b; Cardot, 1908a; Kühnemann, 1938).

S. malouinensis C. Muell.

Syrhropodon incompletus* var. *berterioanus

S. reinwardtii Hornsch.

Zygodon reinwardtii

S. rigescens Schwaegr. (Schwaegrichen, 1827a).

Distr. Falkland Islands (Schwaegrichen, 1827a; Mueller, 1849; Jaeger, 1873; Paris, 1905b; Cardot, 1908a; Kühnemann, 1938).

S. tortuosus Hornsch.

Amphidium tortuosum

Systegium hom. illeg.

S. fruchartii (C. Muell.) Kindb.

Astomum fruchartii

S. recurvirostre (C. Muell.) Kindb.

Tetrapterum recurvirostre

Tamariscella

T. pseudo-aequatorialis C. Muell.

Thuidium peruvianum

var. *casuarina* C. Muell.

Thuidium pseudo-aequatoriale* var. *casuarinum

Taxicaulis

T. adflatus C. Muell.

Isopterygium adflatum

T. byssobolax C. Muell.

Isopterygium byssobolax

T. pyrhopus C. Muell.

Isopterygium pyrhopus

T. saprophilus C. Muell.

Isopterygium saprophilum

Taxithelium

T. microthamnioides (C. Muell.) Par. (Paris, 1898).

Syn. *Sigmatella microthamnioides* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1905b).

Tayloria

T. dubyi Broth. (Brotherus, 1903).

Syn. *Hymenocleiston magellanicum* Dub. (Duby, 1875b).

Dissodon dubyanus Besch. (Bescherelle *in* Brotherus, 1924a) *nom. nud.*

Distr. Southern South America (Duby, 1875a, b; Jaeger and Sauerbeck, 1879b; Mueller, 1885; Bescherelle, 1885a, 1889; Brotherus, 1903, 1924a; Cardot, 1905a, 1908a, b; Paris, 1905b; Cardot and Brotherus, 1923; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

var. ***edenensis*** (Besch.) Par. (Paris, 1905b).

Syn. *Hymenocleiston magellanicum* Dub. var. *edenense* Besch. (Bescherelle, 1885a).

Distr. Southern South America (Bescherelle, 1885a, 1889; Paris, 1905b; Cardot, 1908a).

T. magellanica (Brid.) Mitt. (Mitten, 1869).

Syn. *Splachnum magellanicum* Brid. (Bridel, 1802).

Eremodon magellanicus (Brid.) Brid. (Bridel, 1826).

Dissodon magellanicus (Brid.) Hamp. (Hamp *in* Mueller, 1851a).

Distr. Southern South America (Bridel, 1803, 1806, 1826; Schwaegrichen, 1811; Mueller, 1848a, 1851b, 1885; Montagne, 1850; Mitten, 1869; Ångström, 1872; Jaeger, 1874; Bescherelle, 1889; Cardot, 1900, 1901, 1908a; Paris, 1904b; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

var. ***gigantea*** Bartr. (Bartram, 1946).

Distr. Southern South America (Bartram, 1946).

T. mirabilis (Card.) Broth. (Brotherus, 1903).

Syn. *Dissodon mirabilis* Card. (Cardot, 1900).

Distr. Southern South America (Cardot, 1900, 1901, 1908a; Brotherus, 1903, 1924a; Paris, 1904b; Cardot and Brotherus, 1923; Kühnemann, 1938; Bartram, 1952).

T. octoblepharum (Hook.) Mitt. (Mitten, 1883).

Syn. *Splachnum octoblepharum* Hook. (Hooker, 1819).

Dissodon plagiopus (Mont.) C. Muell. (Mueller, 1851a).

Distr. Southern South America (Ångström, 1872).

T. patagonica Dus. (Dusén in Paris, 1905b) *nom. nud.*

Distr. Southern South America (Paris, 1905b).

T. spathulata (Hook. f. et Wils.) C. Muell. (Mueller, 1848a).

Syn. *Eremodon spathulatus* Hook. f. et Wils. (Hooker and Wilson in Wilson, 1846).

Distr. Southern South America (Wilson, 1846; Paris, 1905b).

Tetraplodon**T. fuegianus** Besch. (Bescherelle, 1885a).

Distr. Southern South America (Bescherelle, 1885a, 1889; Paris, 1905b; Cardot, 1908a; Brotherus, 1924a; Seki, 1974).

T. mnioides (Hedw.) B.S.G. (Bruch and others, 1844).

Syn. *Splachnum mnioides* Hedw. (Hedwig, 1801).

Distr. Southern South America (Robinson, 1964).

T. stenophysatus Herz. (Herzog, 1939).

Distr. Southern South America (Herzog, 1939).

Tetrapterum**T. lamprocarpum** (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Phascum lamprocarpum* C. Muell. (Mueller, 1879a).

Pottia lamprocarpa (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Roth, 1911; Kühnemann, 1938).

T. lamprothecium (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Phascum lamprothecium* C. Muell. (Mueller, 1879a).

Pottia lamprothecium (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Roth, 1911; Kühnemann, 1938).

T. recurvirostre (C. Muell.) Broth. (Brotherus, 1924a).

Syn. *Phascum recurvirostre* C. Muell. (Mueller, 1888).

Astomium recurvirostre (C. Muell.) Roth (Roth, 1911).

Systegium recurvirostre (C. Muell.) Kindb. (Kindberg, 1889).

Astomum chilense Williams (Williams, 1915).

Distr. Southern South America (Williams, 1915; Thériot, 1921a).

Thamnium

T. angustifolium Schimp.

T. arbusculans (C. Muell.) Jaeg.

var. *complanatum* C. Muell.

T. assimile Broth.

T. caroli Broth.

Poroathamnium panduraefolium

Poroathamnium arbusculans

Poroathamnium arbusculans

Thamnobryum rigidum

Thamnobryum carolii

- T. confertum* (Mitt.) Par. ***Thamnobryum confertum***
T. corralense Broth. ***Poroathamnium arbusculans***
T. crassinervium Broth. ***Thamnobryum rigidum***
T. decumbens Besch. ***Poroathamnium arbusculans***
T. explanatum (Mitt.) Kindb. ***Poroathamnium explanatum***
T. fasciculatum (Hedw.) C. Muell. ***Poroathamnium fasciculatum***
T. ingae Broth. ***Thamnobryum ingae***
T. latinerve (Mitt.) Broth. ***Thamnium rigidum***
T. leucocaulon (C. Muell.) Kindb. ***Poroathamnium leucocaulon***
T. mattogrossense Broth. ***Poroathamnium mattogrossense***
T. naumannii (C. Muell.) Kindb. ***Poroathamnium arbusculans***
T. neckera Schimp. ***Poroathamnium valdiviae***
T. neckeraeforme (Hamp.) Kindb. ***Poroathamnium neckeraeforme***
- T. neckeroides*** (Hook.) Jaeg. (Jaeger, 1877).
 Syn. *Hypnum neckeroides* Hook. (Hooker, 1818).
Isothecium neckeroides (Hook.) Brid. (Bridel, 1827*b*).
Porotrichum neckeroides (Hook.) Williams (Williams, 1901).
 Distr. Juan Fernandez (Johow, 1896).
 Southern South America (Montagne, 1850; Paris, 1905*b*; Brotherus, 1925).
- T. panduraefolium* (C. Muell.) Broth. ***Poroathamnium panduraefolium***
T. platycladum Card. (Cardot in Skottsberg, 1914) *nom. nud.*
 Distr. Juan Fernandez (Skottsberg, 1914).
- T. porrectulum* (C. Muell.) Broth. ***Poroathamnium porrectulum***
T. proboscideum Broth. ***Thamnobryum proboscideum***
T. pumilum (Hook. f. et Wils.) Kindb. ***Thamnobryum pumilum***
T. rigidum (Mitt.) Broth. ***Thamnobryum rigidum***
T. thielei Kindb. ***Pinnatella thieleana***
T. valdiviae (C. Muell.) Kindb. ***Poroathamnium valdiviae***
T. valdivicum C. Muell. ***Poroathamnium valdiviae***

Thamnobryum

- T. carolii*** (Broth.) H. Robinson (Robinson, 1974).
 Syn. *Thamnium caroli* Broth. (Brotherus, 1924*b*).
 Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Espinosa B., 1941; Bartram, 1959; Robinson, 1974, 1975).
- T. confertum*** (Mitt.) H. Robinson (Robinson, 1974).
 Syn. *Porotrichum confertum* Mitt. (Mitten, 1885).
Thamnium confertum (Mitt.) Par. (Paris, 1898).
 Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1898, 1905*b*; Brotherus, 1924*b*; Robinson, 1974, 1975).
- T. ingae*** (Broth.) H. Robinson (Robinson, 1974).
 Syn. *Thamnium ingae* Broth. (Brotherus, 1924*b*).
 Distr. Juan Fernandez (Brotherus, 1924*b*, 1925; Thériot, 1927*b*; Espinosa B., 1941; Bartram, 1959; Robinson, 1974, 1975).
- T. pumilum*** (Hook. f. et Wils.) Nieuwl. (Nieuwland, 1917).
 Syn. *Isothecium pumilum* Hook. f. et Wils. (Hooker and Wilson in Wilson, 1859).

Microthamnium pumilum (Hook. f. et Wils.) Jaeg. (Jaeger, 1878).

Thamnium pumilum (Hook. f. et Wils.) Kindb. (Kindberg, 1891).

Distr. Juan Fernandez (Kindberg, 1902).

T. proboscideum (Broth.) H. Robinson (Robinson, 1974).

Syn. *Thamnium proboscideum* Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Bartram, 1959; Robinson, 1974, 1975).

T. rigidum (Mitt.) H. Robinson (Robinson, 1974).

Syn. *Porotrichum rigidum* Mitt. (Mitten, 1869).

Thamnium rigidum (Mitt.) Broth. (Brotherus, 1906).

Porotrichum latinerve Mitt. (Mitten, 1885).

Thamnium latinerve (Mitt.) Broth. (Brotherus, 1924b).

Thamnium crassinervium Broth. (Brotherus, 1906).

Porotrichum crassinervium Mitt. ex Broth. (Mitten ex Brotherus, 1924b) *nom. inval.*

Thamnium assimile Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Mitten, 1869, 1885; Jaeger, 1877; Johow, 1896; Brotherus, 1906, 1924b, 1925; Skottsberg, 1914; Thériot, 1921b; Espinosa B., 1941; Bartram, 1959; Robinson, 1974, 1975).

Thuidiopsis

T. chilensis (Mitt.) Broth. (Brotherus, 1925).

Syn. *Thuidium chilense* Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1869; Jaeger, 1878; Paris, 1906; Herzog, 1923, 1954; Brotherus, 1925).

T. corralensis (Broth.) Herz.

Thuidiopsis furfurosa

T. dusenii (Broth.) Broth. (Brotherus, 1925).

Syn. *Thuidium dusenii* Broth. (Brotherus in Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1925; Seki, 1974).

T. filaria (Mitt.) Broth.

Thuidiopsis furfurosa

T. furfurosa (Hook. f. et Wils.) Fleisch. (Fleischer, 1923).

Syn. *Hypnum furfurosum* Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Thuidium furfurosum (Hook. f. et Wils.) Reichdt. (Reichardt, 1870).

Thuidium filarium Mitt. (Mitten, 1869).

Cyrto-Hypnum filarium (Mitt.) Hamp. (Hampe, 1878).

Hypnum filarium (Mitt.) Hamp. (Hampe, 1879).

Thuidium filare Dus. (Dusén in Paris, 1906) *nom. nud.*

Thuidiopsis filaria (Mitt.) Broth. (Brotherus, 1925).

Hypnum unguiculatum Hook. f. et Wils. (Hooker and Wilson in Wilson, 1859).

Thuidium unguiculatum (Hook. f. et Wils.) Fleisch. (Fleischer, 1923).

Thuidiopsis unguiculata (Hook. f. et Wils.) Fleisch. (Fleischer, 1923).

Thuidium corralense Broth. (Brotherus in Cardot and Brotherus, 1923).

Thuidiopsis corralensis (Broth.) Herz. (Herzog, 1939).

Thuidium valdiviae Broth. (Brotherus, 1924b) *fide* Robinson, 1975.

Thuidiopsis valdiviae (Broth.) Broth. (Brotherus, 1925).

Distr. Juan Fernandez (Skottsberg, 1914 (as *Thuidium valdiviense*); Brotherus, 1924b, 1925; Bartram, 1959; Robinson, 1975).

Southern South America (Dusén, 1903a; Paris, 1906; Thériot, 1918; Cardot and Brotherus, 1923; Brotherus, 1925; Reimers, 1926; Dixon, 1929b; Herzog, 1938, 1939, 1954, 1960; Hosseus, 1940; Bartram, 1952; Bizot, 1967; Seki, 1974).

T. masafuerae (Broth.) Broth. (Brotherus, 1925).

Syn. *Thuidium masafuerae* Broth. (Brotherus, 1924b).

Distr. Juan Fernandez (Brotherus, 1924b, 1925; Espinosa B., 1941; Robinson, 1975).

T. unguiculata (Hook. f. et Wils.) Fleisch.

Thuidiopsis furfurosa

T. valdiviae (Broth.) Broth.

Thuidiopsis furfurosa

Thuidium

- T. amblyostomum* (C. Muell.) Kindb.
 var. *attenuatifolium* (C. Muell.) Par.
 var. *paludicola* (C. Muell.) Par.
- T. austro-serpens* (C. Muell.) Kindb.
- T. brachypyxis*** C. Muell. (Mueller, 1897*a*).
 Syn. *Thuidium lorentzii* Par. (Paris, 1898) *nom. nud.*
 Distr. Southern South America (Mueller, 1897*a*; Paris, 1898, 1906; Brotherus, 1925; Kühnemann, 1938).
- T. chacoanum*** C. Muell. (Mueller, 1897*a*).
 Distr. Southern South America (Mueller, 1897*a*; Paris, 1906; Brotherus, 1925; Kühnemann, 1938).
- T. chilense* Mitt. ***Thuidiopsis chilensis***
- T. condensatifolium* Dus. (Dusén *in* Paris, 1906) *nom. nud.*
 Distr. Southern South America (Paris, 1906).
- T. corralense* Broth. ***Thuidiopsis furfurosa***
- T. cylindrella*** C. Muell. (Mueller, 1897*a*).
 Distr. Southern South America (Mueller, 1897*a*; Paris, 1906; Kühnemann, 1938).
- T. dusenii* Broth. ***Thuidiopsis dusenii***
- T. exasperatum*** Mitt. (Mitten, 1869).
 Distr. Southern South America (Herzog, 1952*a*).
- T. filare* Dus. ***Thuidiopsis furfurosa***
- T. filarium* Mitt. ***Thuidiopsis furfurosa***
- T. firmulum* C. Muell. ***Raiiella firmula***
- T. furfurosum* (Hook. f. et Wils.) Reichdt. ***Thuidiopsis furfurosa***
- T. inconspicuum*** Herz. (Herzog, 1923).
 Distr. Southern South America (Herzog, 1923).
- T. laterale* Par. ***Haplocladium microphyllum***
- T. laterculi* (C. Muell.) Kindb. ***Haplocladium microphyllum***
- T. ligulifolium*** Herz. (Herzog, 1916*b*).
 Distr. Southern South America (Herzog, 1916*b*).
- T. lorentzii* Par. ***Thuidium brachypyxis***
- T. masafuerae* Broth. ***Thuidiopsis masafuerae***
- T. microphyllum* (Hedw.) Jaeg. ***Haplocladium microphyllum***
- T. niveo-calycinum* C. Muell. ***Raiiella niveo-calycina***
- T. occultirete*** C. Muell. (Mueller, 1897*a*).
 Distr. Southern South America (Mueller, 1897*a*; Paris, 1906; Kühnemann, 1938).
- T. persistens* (C. Muell.) Kindb. ***Haplocladium persistens***
- T. peruvianum*** Mitt. (Mitten, 1869).
 Syn. *Tamariscella pseudo-aequatorialis* C. Muell. (Mueller, 1897*a*).
Thuidium pseudo-aequatoriale (C. Muell.) Par. (Paris, 1898).
 Distr. Southern South America (Mueller, 1897*a*; Paris, 1898, 1906; Kühnemann, 1938).
- T. pseudo-aequatoriale* (C. Muell.) Par. ***Thuidium peruvianum***

var. casuarinum (C. Muell.) Par. (Paris, 1898).

Syn. *Tamariscella pseudo-aequatorialis* C. Muell. var. *casuarina* C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1898, 1906; Brotherus, 1925).

T. pseudo-gracile (C. Muell.) Par.

Haplocladium microphyllum

T. pseudo-recognitum (Hamp.) Kindb.

Thuidium urceolatum

T. pulvinatum C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1906; Brotherus, 1925; Herter, 1933a; Hosseus, 1939).

T. raphidostegum (C. Muell.) Mitt. (Mitten, 1869).

Syn. *Hypnum raphidostegum* C. Muell. (Mueller, 1851a).

Hypnum raphidostegum C. Muell. ex Par. (Mueller ex Paris, 1895) *nom. inval.*

Thuidium raphidostegium Mitt. ex Par. (Mitten ex Paris, 1898) *nom. inval.*

Distr. Southern South America (Mueller, 1851a; Mitten, 1869; Jaeger, 1878; Paris, 1898, 1906; Brotherus, 1925; Herzog, 1938).

T. recognitum (Hedw.) Lindb. **var. delicatum** (Hedw.) Warnst. (Warnstorf, 1881b).

Syn. *Hypnum delicatum* Hedw. (Hedwig, 1801).

Hypnum tamariscinum Hedw. var. *delicatum* (Hedw.) Brid. (Bridel, 1812).

Distr. Southern South America (Montagne, 1850).

T. remotifolium (Grev.) Ren. et Card.

Oxyrrhynchium clinocarpum

T. raphidostegium Mitt. ex Par.

Thuidium raphidostegum

T. semi-lunare C. Muell.

Haplocladium microphyllum

T. tamariscinum (Hedw.) B.S.G. (Bruch and others, 1852).

Syn. *Hypnum tamariscinum* Hedw. (Hedwig, 1801).

Distr. Southern South America (Montagne, 1850).

T. torskii Kiaer ex C. Muell.

Haplocladium microphyllum

T. unguiculatum (Hook. f. et Wils.) Fleisch.

Thuidiopsis furfurosa

T. urceolatum Lor. (Lorentz, 1864).

Syn. *Thuidium pseudo-recognitum* (Hamp.) Kindb. (Kindberg, 1891).

Distr. Southern South America (Herzog, 1952a).

T. valdiviae Broth.

Thuidiopsis furfurosa

Thyridium

T. fasciculatum (Hook. et Grev.) Mitt. (Mitten, 1868).

Syn. *Syrhropodon fasciculatus* Hook. et Grev. (Hooker and Greville, 1825b).

Calymperes fasciculatum (Hook. et Grev.) Mitt. (Mitten, 1859) *hom. illeg.*

Distr. Southern South America (Mitten, 1859, 1869; Jaeger, 1873; Paris, 1905b).

Thysanomitrium

T. gracile (Hook.) Arnott

Pilopogon gracilis

var. *robustum* Arnott

Pilopogon gracilis

T. griseum Hornsch.

Campylopus griseus

T. introflexum (Hedw.) Arnott

Campylopus introflexus

T. laetevirens Broth.

Campylopus laetevirens

T. leptodus (Mont.) Broth.

Campylopus clavatus

T. richardii (Brid.) Schwaegr.

Campylopus richardii

T. scabrisetum Hamp.

Campylopus arctocarpus

T. stenocarpum Hamp.

Campylopus stenocarpus

Timmiella**T. argentinica** Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1924a; Hosseus, 1936, 1937, 1938a, b, c, d, 1939; Thériot, 1936; Kühnemann, 1938).

T. umbrosa (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Trichostomum umbrosum* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Williams, 1930; Hosseus, 1935a, b, 1937; Kühnemann, 1938).

Tortella**T. acaulon** (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Trichostomum acaulon* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Hosseus, 1935b, 1937; Kühnemann, 1938).

T. brachydontia (Bruch) C. Jens.***Trichostomum brachydontium*****T. caespitosa** (Schwaegr.) Limpr.***Tortella humilis*****T. calycina** (Schwaegr.) Dix. (Dixon, 1923).

Syn. *Barbula calycina* Schwaegr. (Schwaegrichen, 1823).

Tortula calycina (Schwaegr.) Hook. et Grev. (Hooker and Greville, 1824b).

Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1904a; Brotherus, 1925).

T. hosseusii Herz. (Herzog, 1938).

Distr. Southern South America (Herzog, 1938).

T. humilis (Hedw.) Jenn. (Jennings, 1913).

Syn. *Barbula humilis* Hedw. (Hedwig, 1801).

Tortula humilis (Hedw.) Turn. (Turner, 1804a).

Streblotrichum humile (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).

Mollia humilis (Hedw.) Lindb. (Lindberg, 1883).

Trichostomum humile (Hedw.) Mach. (Machado, 1919).

Barbula caespitosa Schwaegr. (Schwaegrichen, 1811).

Tortula caespitosa (Schwaegr.) Hook. et Grev. (Hooker and Greville, 1824b).

Tortella caespitosa (Schwaegr.) Limpr. (Limpricht, 1888).

Streblotrichum gracile Par. (Paris, 1905b) *err.*

Distr. Southern South America (Brotherus, 1918; Herter, 1933a, 1939b; Hosseus, 1938a, b, d, 1940; Kühnemann, 1938; Herzog, 1952a; Bizot and Piovano, 1953; Piovano, 1954).

T. perrufula (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula perrufula* C. Muell. (Mueller, 1897a).

Tortula perrufula (C. Muell.) Williams (Williams, 1930).

Distr. Southern South America (Mueller, 1897a; Paris, 1900a, 1906; Brotherus, 1902, 1924a; Herter, 1933a; Kühnemann, 1938).

T. pseudo-caespitosa (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula pseudo-caespitosa* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Hosseus, 1935b, 1937; Kühnemann, 1938).

var. brachybasis (C. Muell.) Par. (Paris, 1904a).

Syn. *Barbula pseudo-caespitosa* C. Muell. var. *brachybasis* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a).

var. pungens (C. Muell.) Par. (Paris, 1904a).

Syn. *Barbula pseudo-caespitosa* C. Muell. var. *pungens* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a).

T. tortuosa (Hedw.) Limpr. (Limpricht, 1888).

- Syn.* *Tortula tortuosa* Hedw. (Hedwig, 1801).
Bryum tortuosum (Hedw.) L. ex With. (Linnaeus ex Withering, 1801).
Barbula tortuosa (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Mollia tortuosa (Hedw.) Schrank ex Lindb. (Schrank ex Lindberg, 1879).
Trichostomum tortuosum (Hedw.) Dix. (Dixon, 1896).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

T. viridula C. Jens.

Weisia controversa

***Tortella* sp.**

- Syn.* *Trichostomum tortella* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a).

Tortula***T. aculeonervis*** (C. Muell.) Broth. (Brotherus, 1902).

- Syn.* *Barbula aculeonervis* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Hosseus, 1935b, 1937; Kühnemann, 1938).

T. aequatoriale Spruc.

Trichostomum aequatoriale

T. aestiva (Hedw.) P. Beauv.

Tortula muralis* ssp. *aestiva

T. amblyophylla (Hook.) Mitt.

Didymodon amblyophyllus

T. amblyophylla (Mont.) Thér.

Tortula platyphylla

T. amphidiifolia (C. Muell.) Broth. (Brotherus, 1902).

- Syn.* *Barbula amphidiifolia* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Hosseus, 1935b, 1937; Kühnemann, 1938).

T. anacamptophylla (C. Muell.) Broth.

Tortula leptosyntrichia

T. anderssonii Aongstr. (Ångström, 1872).

- Syn.* *Barbula anderssonii* (Aongstr.) Jaeg. (Jaeger, 1873).
Syntrichia anderssonii (Aongstr.) Herz. (Herzog, 1954).
Barbula conotricha C. Muell. (Mueller, 1885).
Tortula conotricha (C. Muell.) Par. (Paris, 1906).
Barbula perrubiginosa Dus. (Dusén, 1903a).
Tortula perrubiginosa (Dus.) Par. (Paris, 1906).
Syntrichia perrubiginosa (Dus.) Par. (Paris, 1906) *nom. nud.*

Distr. Southern South America (Ångström, 1872; Jaeger, 1873; Mueller, 1885; Cardot, 1900, 1901, 1905a, 1908a; Dusén, 1903a, 1906; Paris, 1906; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Bartram, 1952; Herzog, 1954, 1957; Seki, 1974).

var. *facicola* (C. Muell.) Card. (Cardot, 1908a).

- Syn.* *Barbula conotricha* C. Muell. var. *facicola* C. Muell. (Mueller, 1885).
Tortula conotricha (C. Muell.) Par. var. *facicola* (C. Muell.) Par. (Paris, 1906).
Distr. Southern South America (Mueller, 1885; Paris, 1906; Cardot, 1908a).

T. andicola Mont. (Montagne, 1838).

Distr. Southern South America (Bartram, 1965).

T. annulus (C. Muell.) Broth.

Tortula muralis

T. antarctica (Hamp.) Wils.

Tortula princeps

T. apiculato-pilosa Par. (Paris, 1906) *nom. nud.*

- Syn.* *Syntrichia apiculato-pilosa* Dus. (Dusén in Paris, 1906) *nom. nud.*
Distr. Southern South America (Paris, 1906).

- T. appressa** Mitt. (Mitten, 1869).
Syn. *Barbula appressa* (Mitt.) Jaeg. (Jaeger, 1873).
Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1906).
- T. arenae** (Besch.) Broth. (Brotherus, 1902).
Syn. *Barbula arenae* Besch. (Bescherelle, 1885a).
Syntrichia arenae (Besch.) Herz. (Herzog, 1957).
Distr. Southern South America (Bescherelle, 1885a, 1889; Brotherus, 1902, 1924a; Paris, 1906; Cardot, 1908a; Herzog, 1923, 1939, 1957; Roivainen, 1934).
- T. arvensis* Mont. **Tortula ruralis**
 var. *australis* Mont. **Tortula flagellaris**
- T. atrata** Thér. (Thériot, 1921a).
Distr. Southern South America (Thériot, 1921a; Brotherus, 1924a).
- T. atro-virens* (Sm.) Lindb. **Desmatodon convolutus**
 var. ***brevifolia*** Thér. (Thériot, 1921a).
Distr. Southern South America (Thériot, 1921a).
- T. australasiae* Hook. et Grev. **Trichostomopsis australasiae**
- T. berteroana* (C. Muell.) Broth. ex Par. **Tortula muralis**
- T. berthoana** Thér. (Thériot, 1926).
Distr. Southern South America (Thériot, 1926).
- T. brachychaete** Dus. (Dusén, 1905b).
Syn. *Barbula brachychaete* Dus. (Dusén, 1903a) *nom. nud.*
Syntrichia brachychaete Dus. (Dusén in Paris, 1906) *nom. nud.*
Distr. Southern South America (Dusén, 1903a, 1905b, 1906; Paris, 1906; Brotherus, 1924a; Kühnemann, 1938).
- T. brachyclada** Card. (Cardot, 1905a).
Distr. Southern South America (Cardot, 1905a, 1908a; Dusén, 1906; Brotherus, 1924a; Kühnemann, 1938).
 Falkland Islands (Brotherus, 1924a; Kühnemann, 1938).
- T. brachypelma** Dus. (Dusén, 1905b).
Syn. *Tortula pusilla* Aongstr. (Ångström, 1872) *hom. illeg.*
Barbula pusilla Jaeg. (Jaeger, 1873).
Distr. Southern South America (Ångström, 1872; Jaeger, 1873; Mueller, 1885; Dusén, 1905b; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Bartram, 1952).
- T. brevicaulis* Par. (Paris, 1906) *nom. nud.*
Syn. *Syntrichia brevicaulis* Dus. (Dusén in Paris, 1906) *nom. nud.*
Distr. Southern South America (Paris, 1906).
- T. breviseta** Mont. (Montagne, 1845a).
Syn. *Barbula breviseta* (Mont.) C. Muell. (Mueller, 1849).
Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1873; Paris, 1904a; Thériot, 1923a, b; Brotherus, 1924a; Herzog, 1938).
- T. bullata* Herz. (Herzog, 1923) *hom. illeg.*
Distr. Southern South America (Herzog, 1923).
- T. caespitosa* (Schwaegr.) Hook. et Grev. **Tortella humilis**
T. calycina (Schwaegr.) Hook. et Grev. **Tortella calycina**
T. calyculosa Mitt. **Barbula calyculosa**

T. campestris Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Thériot, 1921a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

T. carinata Gill. ex Grev. (Gillies ex Greville, 1830).

Distr. Southern South America (Greville, 1830).

T. characodonta (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula characodonta* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Brotherus, 1902, 1918, 1924a; Paris, 1906; Kühnemann, 1938).

T. chilensis Mitt.***Trichostomum aequatoriale*****T. chrysopila** (C. Muell.) Par. (Paris, 1906).

Syn. *Barbula chrysopila* C. Muell. (Mueller, 1885).

Distr. Southern South America (Mueller, 1885; Paris, 1906; Cardot, 1908a).

T. chubutensis Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b, 1907; Brotherus, 1924a; Kühnemann, 1938).

T. chubutensis Broth. (Brotherus, 1931) *hom. illeg.*

Distr. Southern South America (Brotherus, 1931).

T. conferta Bartr. (Bartram, 1957).

Distr. Antarctic, peninsula region (Bartram, 1957; Steere, 1961a; Greene, 1967; Robinson, 1972 (as *T. grossiretis*)).
Antarctic, continental region (Greene, 1967).

T. conotricha (C. Muell.) Par.***Tortula anderssonii***

var. *fagicola* (C. Muell.) Par.

Tortula anderssonii* var. *fagicola**T. contorta** (C. Muell.) Mont. (Montagne, 1850).

Syn. *Barbula contorta* Hamp. ex C. Muell. (Hampe ex Mueller, 1849).

Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1906; Brotherus, 1924a).

T. costesii Thér. (Thériot, 1921a).

Syn. *Syntrichia costesii* (Thér.) Herz. (Herzog, 1954).

Tortula curta Card. et Broth. (Cardot and Brotherus, 1923) *hom. illeg.*

Distr. Southern South America (Thériot, 1921a, b; Cardot and Brotherus, 1923; Brotherus, 1924a; Herzog, 1938, 1954; Kühnemann, 1938).

T. curta Card. et Broth.***Tortula costesii*****T. densifolia** (Hook. f. et Wils.) Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847).

Syn. *Barbula densifolia* Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Neobarbula magellanica Dus. (Dusén, 1905b).

Distr. Southern South America (Mueller, 1849; Dusén, 1905b, 1906; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Herzog, 1923; Kühnemann, 1938).
Falkland Islands (Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Jaeger, 1873; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

T. epilosa Broth. ex Dus. (Brotherus ex Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Brotherus, 1924a; Thériot, 1934b).

var. pilifera Thér. (Thériot, 1926).

Distr. Southern South America (Thériot, 1926).

T. excelsa Card. (Cardot, 1906a).

Distr. Antarctic, peninsula region (Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961a; Robinson, 1972).

T. felipponei Thér. (Thériot *in* Felippone, 1929 [1930]).

Distr. Am. t in *Index muscorum*, 5, 82, but not found in Felippone (1929).

T. ferruginea Bartr. (Bartram, 1965).

Distr. Southern South America (Bartram, 1965).

T. filaris (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula filaris* C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Brotherus, 1902, 1924a; Paris, 1906; Cardot, 1906a, 1908a; Steere, 1961b).

T. flagellaris (Schimp.) Mont. (Montagne, 1850).

Syn. *Baarbula flagellaris* Schimp. (Schimper, 1836).

Barbula perflaccida Broth. (Brotherus *in* Paris, 1906) *nom. nud.*

Tortula perflaccida Broth. *ex* Dus. (Brotherus *ex* Dusén, 1906).

Tortula ruralis (Hedw.) Gaertn., Meyer et Scherb. *var. australis* Mont. (Montagne, 1835).

Tortula arvensis Mont. *var. australis* Mont. (Montagne, 1850) *err.*

Distr. Juan Fernandez (Montagne, 1835; Johow, 1896; Brotherus, 1924b; Robinson, 1975).
Southern South America (Schimper, 1836; Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Dusén, 1903a, 1906; Paris, 1904a, 1906; Cardot, 1908a; Campo, 1915; Thériot, 1917a, b, 1921a; Costes, 1921; Herzog, 1923; Brotherus, 1924a, c; Kühnemann, 1938; Espinosa B., 1941).

var. densiretis Thér. (Thériot, 1917a).

Distr. Southern South America (Thériot, 1917a).

T. flavido-pilosa Par. (Paris, 1906) *nom. nud.*

Syn. *Barbula flavido-pilosa* Dus. (Dusén, 1903a) *nom. nud.*

Syntrichia flavido-pilosa Dus. (Dusén *in* Paris, 1906) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1906; Seki, 1974).

T. flavipes Broth. (Brotherus, 1924c) *hom. illeg.*

Distr. Southern South America (Brotherus, 1924c, 1925; Espinosa B., 1941; Skottsberg, 1950).

T. flaviseta Mitt.**Pottia flavipes****T. fontana** (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula fontana* C. Muell. (Mueller, 1890a).

Distr. South Georgia (Mueller, 1890a; Brotherus, 1902, 1924a; Paris, 1906; Cardot, 1908a).

T. fragilis Tayl. (Taylor, 1847).

Distr. Southern South America (Hosseus, 1936, 1937, 1938a, d; Kühnemann, 1938).

T. fuegiana (Mitt.) Mitt. (Mitten, 1869).

Syn. *Syntrichia fuegiana* Mitt. (Mitten, 1860).

Barbula fuegiana (Mitt.) Jaeg. (Jaeger, 1873).

Barbula magellanica C. Muell. (Mueller, 1862).

Tortula magellanica (C. Muell.) Aongstr. (Ångström, 1876b) *hom. illeg.*

Barbula patagonica C. Muell. (Mueller, 1885) *hom. illeg.*

Barbula australis Par. (Paris, 1894) *nom. nud.*

Distr. Southern South America (Mitten, 1860, 1869; Mueller, 1862, 1885, 1889; Jaeger, 1873; Ångström, 1876b; Paris, 1894, 1906; Dusén, 1903a, 1906; Cardot, 1908a; Herzog, 1923, 1957; Brotherus, 1924a; Kühnemann, 1938).
Falkland Islands (Mitten, 1860, 1869; Jaeger, 1873; Paris, 1906; Cardot, 1908a; Brotherus, 1924a; Kühnemann, 1938).

Antarctic, continental region (Gepp, 1902; Cardot, 1908a; Steere, 1961a).

T. fusca (C. Muell.) Mont.

Barbula fusca

T. fuscinervia Mitt.

Barbula fuscinervia

T. fusco-viridis Card. (Cardot, 1906a).

Distr. South Georgia (Cardot, 1906a, 1908a; Steere, 1961b).

T. geniculata Mont.

Barbula geniculata

T. glacialis (C. Muell.) Mont. (Montagne, 1850).

Syn. *Barbula glacialis* Kunz. ex C. Muell (Kunze ex Mueller, 1849).

Distr. Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1906; Costes, 1921; Brotherus, 1924a).

T. graminicolor (C. Muell.) Mont.

Barbula graminicolor

T. gracilis (*sensu* Wilson and Hooker, 1847).

see ***schistidium antarctici***

T. gromschii Thér. (Thériot, 1934b [1935]).

Distr. Southern South America (Thériot, 1934b).

T. grossiretis Card. (Cardot, 1906a).

Distr. Southern South America (Cardot, 1900 and 1901 (as *Barbula ruralis* forma *fide* Cardot, 1908a), 1906a, 1908a; Thériot, 1918; Cardot and Brotherus, 1923; Brotherus, 1924a; Bartram, 1952).

South Georgia (Cardot, 1906a, 1908a; Brotherus, 1924a; Steere, 1961b).

Antarctic, peninsula region (Dixon, 1920; Steere, 1961a).

var. *atrata* Card. (Cardot, 1906a).

Distr. South Georgia (Cardot, 1906a, 1908a; Steere, 1961b).

T. heimii (Hedw.) Mitt.

Pottia heimii

T. heteroneura Card.

Tortula heteroneura

T. heteroneura Card. (Cardot, 1911d).

Syn. *Tortula heteroneura* Card. (Cardot, 1911b) *err.*

Distr. Antarctic, peninsula region (Cardot, 1911b, d, 1913a; Brotherus, 1924a; Steere, 1961a).

T. humilis (Hedw.) Turn.

Tortella humilis

T. hyperborea (Brid.) Mont.

Tortula mucronifolia* var. *arctica

T. intermedia (Brid.) De Not. (De Notaris, 1838a).

Syn. *Syntrichia intermedia* Brid. (Bridel, 1826).

Tortula montana (Nees) Lindb. (Lindberg, 1879) *hom. illeg.*

Distr. Southern South America (Dusén, 1905d; Kühnemann, 1938).

T. inundata Mitt.

Didymodon inundatus

T. jaffuelii Thér. (Thériot, 1923b).

Distr. Southern South America (Thériot, 1923b; Brotherus, 1925).

T. kunzeana (C. Muell.) Mont. (Montagne, 1850).

Syn. *Barbula kunzeana* C. Muell. (Mueller, 1843a).

Barbula kunzei C. Muell. ex Kindb. (Mueller ex Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Mueller, 1843a, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1906; Williams, 1915; Costes, 1921; Thériot, 1921a; Brotherus, 1924a).

T. laeta (C. Muell.) Mitt.

Rhamphidium laetum

T. laevigata Mitt.

Barbula laevigata

T. laevinervis Broth. ex Dus. (Brotherus ex Dusén, 1907).

Distr. Southern South America (Paris, 1906; Dusén, 1907; Brotherus, 1924a).

T. laevipila (Brid.) Schwaegr. (Schwaegrichen, 1823).

- Syn.* *Syntrichia laevipila* Brid. (Bridel, 1819).
Barbula laevipila (Brid.) Garov. (Garovaglio, 1840).
Tortula ruralis (Hedw.) Gaertn., Meyer et Scherb. var. *laevipila* (Brid.) Hook. et Grev.
 (Hooker and Greville, 1824b).
Syntrichia ruralis (Hedw.) Web. et Mohr var. *laevipila* (Brid.) Spreng. (Sprengel, 1827).
Syntrichia laevipila Brid. ex Moenk. (Bridel ex Mönkemeyer, 1927) *err.*

Distr. Falkland Islands (Wilson and Hooker, 1847 (as vars 1 and 2); Kühnemann, 1938).
 Antarctic, peninsula region (Wilson and Hooker, 1847 (as vars 3 and 4, see also Cardot,
 1908a, p. 241); Greene, 1968a (as vars 3 and 4)).

T. lamprocalyx (C. Muell.) Mont.

Barbula lamprocalyx

T. lechleri (C. Muell.) Broth. (Brotherus, 1902).

- Syn.* *Barbula lechleri* C. Muell. (Mueller, 1859).
Distr. Southern South America (Mueller, 1859, 1885; Jaeger, 1873; Brotherus 1902, 1924a;
 Paris, 1906; Cardot, 1908a; Herzog, 1923).

T. lepto-syntrichia (C. Muell.) Broth. (Brotherus, 1902).

- Syn.* *Barbula lepto-syntrichia* C. Muell. (Mueller, 1890a).
Syntrichia lepto-syntrichia C. Muell. (Mueller, 1890a) *nom. nud.*
Barbula anacamptophylla C. Muell. (Mueller, 1890a).
Tortula anacamptophylla (C. Muell.) Broth. (Brotherus, 1902).
Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
 South Georgia (Mueller, 1890a; Brotherus, 1902, 1924a; Cardot, 1906a, 1908a; Paris,
 1906; Dixon, 1920, 1934; Steere, 1961b).

T. leucocalyx Mont.

Pseudocrossidium leucocalyx

T. lingulaefolia Card. et Broth. (Cardot and Brotherus, 1923).

- Syn.* *Syntrichia lingulaefolia* (Card. et Broth.) Herz. (Herzog, 1954) *vide* Seki, 1974.
Distr. Southern South America (Herzog, 1954; Seki, 1974).
 South Georgia (Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b).

T. lithophila Dus.

Sarconeurum glaciale

T. litorea Card. (Cardot *in* Cardot and Brotherus, 1923).

Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

T. longipila Dus. (Dusén *in* Paris, 1906) *nom. nud.*

Distr. Southern South America (Paris, 1906).

T. lorentzii (C. Muell.) Broth. (Brotherus, 1902).

- Syn.* *Barbula lorentzii* C. Muell. (Mueller, 1879a).
Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1906;
 Hosseus, 1936, 1937, 1938a, b, d; Kühnemann, 1938).

T. macrocarpa (Schimp.) Mitt.

Pottia macrocarpa

T. magellanica Mont. (Montagne, 1850).

- Syn.* *Barbula magellanica* (Mont.) C. Muell. (Mueller, 1885) *hom. illeg.*
Distr. Southern South America (Montagne, 1850, 1856; Mueller, 1885; Paris, 1900a, 1906;
 Cardot, 1908a).

T. magellanica (C. Muell.) Aongstr.

Tortula fuegiana

T. marginato-serrata Par. (Paris, 1906) *nom. nud.*

- Syn.* *Barbula marginato-serrata* Dus. (Dusén, 1903a) *nom. nud.*
Syntrichia marginato-serrata Dus. (Dusén *in* Paris, 1906) *nom. nud.*

Distr. Southern South America (Dusén, 1903a; Paris, 1906).

T. mendozensis Mitt.

Barbula mendozensis

T. micro-runcinata Par.

Leptodontium lingicaule* var. *microruncinatum

T. minutirosula (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula minutirosula* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Hosseus, 1935b, 1937; Kühnemann, 1938).

T. mniadelphus (C. Muell.) Broth. (Brotherus, 1901).

Syn. *Barbula mniadelphus* C. Muell. (Mueller, 1897b).

Tortula uniadelpus C. Muell. (Mueller *in* Herzog, 1952c) *err.*

Syntrichia mniadelphus (C. Muell.) Herz. (Herzog, 1954).

Distr. Southern South America (Thériot, 1923b).

var. *cochlearifolia* (Herz.) Seki (Seki, 1974).

Syn. *Tortula unidelphus* C. Muell. var. *cochlearifolia* Herz. (Herzog, 1952c) *nom. nud.*

Syntrichia mniadelphus (C. Muell.) Herz. var. *cochlearifolia* Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1952c, 1954; Seki, 1974).

T. mnioides (Schwaegr.) Mont.

Calyptopogon mnioides

T. monoica Card.

Tortula tenella

T. montana (Nees) Lindb.

Tortula intermedia

T. mucronifolia Schwaegr. **var. *arctica*** Hook. et Grev. (Hooker and Greville, 1824b).

Syn. *Syntrichia hyperborea* Brid. (Bridel, 1826).

Tortula hyperborea (Brid.) Mont. (Montagne, 1845b).

Barbula hyperborea Mont. *ex* Par. (Montagne *ex* Paris, 1894) *err.*

Distr. Southern South America (Montagne, 1839c, 1845b; Wilson and Hooker, 1847; Mueller, 1885; Kühnemann, 1938).

T. muelleri Hook. f. et Wils.

Tortula princeps

T. muralis Hedw. (Hedwig, 1801).

Syn. *Bryum murale* (Hedw.) L. *ex* With. (Linnaeus *ex* Withering, 1801).

Barbula muralis (Hedw.) Crom. (Crome, 1805).

Syntrichia muralis (Hedw.) Raab (Raab, 1819).

Barbula muralis (Hedw.) Crom. var. *rupestris* Schultz (Schultz, 1823).

Tortula muralis Hedw. var. *rupestris* Chev. (Chevallier, 1827).

Barbula muralis (Hedw.) Crom. var. *australis* Hamp. (Hampe *in* Mueller, 1862) *nom. nud.*

Barbula annulus C. Muell. (Mueller, 1882).

Tortula annulus (C. Muell.) Broth. (Brotherus *ex* Paris, 1906).

Barbula berteriana C. Muell. (Mueller, 1862).

Tortula berteriana (C. Muell.) Broth. *ex* Par. (Brotherus *ex* Paris, 1906) *hom. illeg.*

Barbula berteroi C. Muell. *ex* Kindb. (Mueller *ex* Kindberg, 1888) *hom. illeg.*

Barbula muricola C. Muell. (Mueller, 1857).

Tortula muricola (C. Muell.) Mitt. (Mitten, 1869).

Distr. Southern South America (Montagne, 1850; Mueller, 1862, 1879a, 1882; Mitten, 1869; Jaeger, 1873; Brotherus, 1900, 1924a, c; Krieger, 1904; Dusén, 1906; Paris, 1906; Williams, 1915; Costes, 1921; Thériot, 1921a, b; Herter, 1933a, 1939a, b; Roivainen, 1934; Herzog, 1938, 1939; Hosseus, 1938c, d, 1940; Espinosa B., 1941; Piovano, 1954).

var. *aestiva* Hedw. (Hedwig, 1801).

Syn. *Tortula aestiva* (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).

Barbula muralis (Hedw.) Crom. var. *aestiva* (Hedw.) Roehl. (Röhling, 1813).

Barbula aestiva (Hedw.) Schultz (Schultz, 1823).

Barbula muralis (Hedw.) Crom. ssp. *aestiva* (Hedw.) Kindb. (Kindberg, 1897).

Distr. Southern South America (Thériot, 1921a).

- var. longipila** Dus. (Dusén, 1907).
Distr. Southern South America (Dusén, 1907; Kühnemann, 1938).
- var. rupestris** Chev. **Tortula muralis**
- T. muricola* (C. Muell.) Mitt. **Tortula muralis**
- T. obscuriretis** Thér. (Thériot, 1918).
Distr. Southern South America (Thériot, 1918; Campo, 1921; Brotherus, 1925).
- T. occultilimbata* Card. **Tortula platyphylla**
- T. papillosa** Wils. (Wilson in Spruce, 1845).
Syn. *Syntrichia papillosa* (Wils.) Jur. (Juratzka, 1882).
Distr. Southern South America (Dusén, 1905*b*, 1906; Cardot, 1908*a*; Thériot, 1921*a*; Kühnemann, 1938; Herzog, 1954).
 Falkland Islands (Paris, 1906; Cardot, 1908*a*; Brotherus, 1924*a*; Kühnemann, 1938).
- var. chilensis** Thér. (Thériot, 1921*a*).
Syn. *Tortula subpapillosa* Card. et Broth. (Cardot and Brotherus, 1923).
Distr. Southern South America (Thériot, 1921*a*, 1930; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Kühnemann, 1938).
- T. patagonica* Mitt. **Didymodon patagonicus**
- T. perangusta* Dus. (Dusén, 1905*d*) *nom. nud.*
Distr. Southern South America (Dusén, 1905*d*; Kühnemann, 1938).
- T. perarmata** Broth. (Brotherus, 1924*c*).
Distr. Southern South America (Brotherus, 1924*c*, 1925; Espinosa B., 1941; Skottsberg, 1950).
- T. percarcosa** (C. Muell.) Broth. (Brotherus, 1902).
Syn. *Barbula percarcosa* C. Muell. (Mueller, 1879*a*).
Distr. Southern South America (Mueller, 1879*a*; Brotherus, 1902, 1924*a*; Paris, 1906; Kühnemann, 1938).
- T. perflaccida* Broth. *ex* Dus. **Tortula flagellaris**
- T. perpusilla** (C. Muell.) Broth. (Brotherus, 1902).
Syn. *Barbula perpusilla* C. Muell. (Mueller, 1879*a*).
Distr. Southern South America (Mueller, 1879*a*; Brotherus, 1902, 1924*a*; Kurtz, 1904; Paris, 1906; Hosseus, 1935*a*; Kühnemann, 1938).
- T. perrubiginosa* (Dus.) Par. **Tortula anderssonii**
- T. perrufula* (C. Muell.) Williams **Tortella perrufula**
- T. pilifera** Hook. (Hooker, 1818).
Syn. *Barbula pilifera* (Hook.) Brid. (Bridel, 1826) *hom. illeg.*
Streblotrichum piliferum (Hook.) Hilp. (Hilpert, 1933).
Barbula crinita Schultz (Schultz, 1823) *nom. illeg.*
Barbula depressa Sull. (Sullivant, 1859).
Tortula subglacialis Thér. (Thériot, 1917*b*).
Distr. Juan Fernandez (Thériot, 1917*b*; Brotherus, 1924*b*).
 Southern South America (Mueller, 1849; Montagne, 1850; Sullivant, 1859; Paris, 1904*a*; Thériot, 1917*b*, 1918, 1921*a*, *b*, 1923*b*, 1925*b*, 1928, 1934*b*; Campo, 1921; Costes, 1921; Cardot and Brotherus, 1923; Brotherus, 1924*a*; Reimers, 1926; Herzog, 1938, 1954, 1957, 1960; Bartram, 1952; Seki, 1974).
- var. denticulata** (Dus.) Wijk et Marg. (van der Wijk and Margadant, 1959).
Syn. *Barbula flagellaris* Schimp. *var. denticulata* Dus. (Dusén, 1906).
Barbula depressa Sull. *var. denticulata* (Dus.) Thér. (Thériot, 1917*a*).
Distr. Southern South America (Dusén, 1906; Cardot, 1908*a*; Thériot, 1917*a*; Campo, 1921; Kühnemann, 1938).

var. gracilis (Dus.) Wijk et Marg. (van der Wijk and Margadant, 1959).

Syn. *Barbula flagellaris* Schimp. var. *gracilis* Dus. (Dusén, 1906).
Barbula depressa Sull. var. *gracilis* (Dus.) Thér. (Thériot, 1917a).

Distr. Southern Southern South America (Dusén, 1906; Thériot, 1917a; Kühnemann, 1938).

var. oliviensis (Card.) Wijk et Marg. (van der Wijk and Margadant, 1959).

Syn. *Barbula oliviensis* Card. (Cardot, 1905a).
Barbula depressa Sull. var. *oliviensis* (Card.) Thér. (Thériot, 1917a).

Distr. Southern South America (Cardot, 1905a, 1908a; Thériot, 1917a; Cardot and Brotherus, 1923; Kühnemann, 1938).

T. planicosta Herz. (Herzog, 1952b).

Distr. Southern South America (Herzog, 1952b).

T. platyphylla Mitt. (Mitten, 1869).

Syn. *Desmatodon amblyophyllus* Mont. (Montagne, 1845a).
Trichostomum amblyophyllum (Mont.) C. Muell. (Mueller, 1849).
Tortula amblyophylla (Mont.) Thér. (Thériot, 1923a) *nom. illeg.*
Tortula occultilimbata Card. (Cardot in Thériot, 1921b) *nom. nud.*

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1873; Paris, 1906; Thériot, 1921b, 1922, 1923a, 1934b; Brotherus, 1924a; Looser, 1932; Herzog, 1939, 1954).

T. podocarpi (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula podocarp*i C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Paris, 1906; Kühnemann, 1938).

T. poeppigiana (C. Muell.) Mont.

Trichostomopsis australasiae

T. polycarpa Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938; Seki, 1974).

T. princeps De Not. (De Notaris, 1838a).

Syn. *Barbula principes* (De Not.) C. Muell. (Mueller, 1849).
Syntrichia principes (De Not.) Mitt. (Mitten, 1859).
Barbula muelleri B.S.G. (Bruch and others, 1842) *nom. illeg.*
Syntrichia muelleri Bruch (Bruch in Bruch and others, 1842) *nom. nud.*
Tortula muelleri Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847) *nom. illeg.*
Barbula antarctica Hamp. (Hampe in Mueller, 1849).
Tortula antarctica (Hamp.) Wils. (Wilson, 1859).

Distr. Southern South America (Mitten, 1869; Jaeger, 1873; Paris, 1906; Brotherus, 1925; Seki, 1974).
Falkland Islands (Wilson and Hooker, 1847; Mueller, 1849; Jaeger, 1873; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).

T. prostrata Mont. (Montagne, 1845a).

Syn. *Barbula prostrata* (Mont.) Jaeg. (Jaeger, 1873).
Syntrichia prostrata (Mont.) Herz. (Herzog, 1960 [1961]).
Barbula mnioides Schwaegr. var. *prostrata* (Mont.) C. Muell. (Mueller, 1849).
Streptopogon mnioides (Schwaegr.) Mitt. var. *prostrata* (Mont.) Jaeg. (Jaeger, 1873).
Calyptopogon mnioides (Schwaegr.) Broth. var. *prostratus* (Mont.) Par. (Paris, 1904a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1873; Dusén, 1906; Paris, 1906; Thériot, 1915, 1928; Brotherus, 1924a; Herzog, 1938, 1960; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

T. pseudo-latifolia Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Dusén, 1906; Brotherus, 1925; Kühnemann, 1938; Seki, 1974).

T. pseudo-robusta Dus. (Dusén, 1906).

Syn. *Syntrichia pseudo-robusta* (Dus.) Herz. (Herzog, 1954).
Syntrichia robusta Dus. (Dusén *in* Cardot, 1908a) *nom. nud.*
Barbula ventanae C. Muell. (Mueller *in* Thériot, 1932 [1933]) *nom. nud.*

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Thériot, 1921a, 1932; Cardot and Brotherus, 1923; Herzog, 1938, 1939, 1954; Kühnemann, 1938; Seki, 1974).

T. pulvinatula Dus. (Dusén, 1905b).

Distr. Southern South America (Dusén, 1905b, 1906; Brotherus, 1924a; Kühnemann, 1938).

T. punctulata (Brid.) Mitt.***Tortula robusta*****T. purpureo-velutina** Herz. (Herzog, 1954).

Distr. Southern South America (Herzog, 1954).

T. pusilla Mitt.***Pterygoneurum ovatum*****T. pusilla** Aongstr.***Tortula brachypelma*****T. pygmaea** Dus.***Sarconeurum glaciale*****T. replicata** (Tayl.) Wils.***Barbula replicata*****T. rigidula** (Hedw.) Lindb.***Didymodon rigidulus*****T. rivularis** Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

T. robusta Hook. et Grev. (Hooker and Greville, 1824b).

Syn. *Barbula robusta* (Hook. et Grev.) Brid. (Bridel, 1827a).
Syntrichia robusta (Hook. et Grev.) Herz. (Herzog, 1954).
Barbula speciosa Hook. f. et Wils. (Hooker, J. D. and Wilson, 1844).
Mnium punctulatum Brid. (Bridel, 1827b).
Tortula punctulata (Brid.) Mitt. (Mitten, 1869).
Barbula punctulata (Brid.) Jaeg. (Jaeger, 1873).
Tortula serrulata Hook. et Grev. (Hooker and Greville, 1824b) *fide* Greene, 1964.
Barbula serrulata (Hook. et Grev.) Brid. (Bridel, 1827a) *fide* Greene, 1964.
Desmatodon serrulatus (Hook. et Grev.) Mitt. (Mitten, 1859) *fide* Greene, 1964.
Tortula rubra Mitt. (Mitten *in* Hooker, 1867) *fide* Greene, 1964.
Barbula rubra (Mitt.) Jaeg. (Jaeger, 1873) *fide* Greene, 1964.
Barbula dioica (R. Brown ter.) Par. (Paris, 1900a).
Desmatodon ruber (Mitt.) Hamp. (Hampe, 1880c).

Distr. Southern South America (Hooker and Greville, 1824b; Bridel, 1827a; Hooker, J. D. and Wilson, 1844; Wilson and Hooker, 1847; Mueller, 1849, 1885; Mitten, 1869; Jaeger, 1873; Bescherelle, 1889; Paris, 1900a, 1906; Cardot, 1905a, 1908a; Dusén, 1906; Cardot and Brotherus, 1923; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Herzog, 1939, 1940, 1954; Bartram, 1952; Seki, 1974).
 Falkland Islands (Bridel, 1827a; Wilson and Hooker, 1847 (as *T. robusta* var. β); Mueller, 1849, 1885; Hooker, 1867; Mitten, 1869; Jaeger, 1873; Bescherelle, 1889; Paris, 1900a, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
 South Georgia (Cardot, 1906a, 1908a; Dixon, 1920, 1932, 1934; Cardot and Brotherus, 1923; Brotherus, 1924a; Steere, 1961b; Greene, 1964).

var. laxa Bartr. (Bartram, 1946).

Distr. Southern South America (Roivainen, 1934; Bartram, 1946).

var. runcinata (C. Muell.) Broth. (Brotherus *in* Cardot and Brotherus, 1923).

Syn. *Barbula runcinata* C. Muell. (Mueller, 1890a).
Syntrichia runcinata C. Muell. (Mueller, 1890a) *nom. nud.*
Tortula runcinata (C. Muell.) Broth. (Brotherus, 1902).

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).
 Falkland Islands (Cardot and Brotherus, 1923; Kühnemann, 1938).
 South Georgia (Mueller, 1890a; Brotherus, 1902, 1924a; Paris, 1906).

T. robustula Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Dusén, 1906; Brotherus, 1924a; Kühnemann, 1938).

Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).

T. rubra Mitt.***Tortula robusta*****T. runcinata** (C. Muell.) Broth.***Tortula robusta* var. *runcinata*****T. ruralis** (Hedw.) Gaertn., Meyer et Scherb. (Gärtner and others, 1802).

Syn. *Barbula ruralis* Hedw. (Hedwig, 1801).

Bryum rurale (Hedw.) L. ex With. (Linnaeus ex Withering, 1801).

Syntrichia ruralis (Hedw.) Web. et Mohr (Weber and Mohr, 1803).

Tortula arvensis Mont. (Montagne, 1850) *err.*

Distr. Southern South America (Jaeger, 1873; Dusén, 1905a, 1906; Paris, 1906; Brotherus, 1924a; Roivainen, 1934; Kühnemann, 1938; Bartram, 1965).

var. *australis* Mont.

Tortula flagellaris

var. *laevipila* (Brid.) Hook. et Grev.

Tortula laevipila**T. santiagensis** Broth. (Brotherus, 1924c).

Distr. Southern South America (Brotherus, 1924c; Espinosa B., 1941).

T. saxicola Card. (Cardot, 1905a).

Distr. Southern South America (Cardot, 1905a, 1908a; Kühnemann, 1938; Bizot, 1967; Seki, 1974).

T. saxicola Dus.***Sarconeurum glaciale*****T. scabrella** Dus. (Dusén, 1907).

Syn. *Barbula scabrella* Dus. (Dusén *in* Paris, 1906) *nom. nud.*

Syntrichia scabrella (Dus.) Herz. (Herzog, 1957).

Distr. Southern South America (Paris, 1906; Dusén, 1907; Thériot, 1921b, 1923b; Brotherus, 1924a; Herzog, 1957).

T. scabrinervis (C. Muell.) Mont. (Montagne, 1850).

Syn. *Barbula scabrinervis* C. Muell. (Mueller, 1849).

Syntrichia scabrinervis (C. Muell.) Herz. (Herzog, 1954).

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).

Southern South America (Mueller, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1906; Costes, 1921; Herzog, 1954).

T. schnyderi (C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula schnyderi* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Brotherus, 1902, 1924a; Dusén, 1906; Paris, 1906; Cardot, 1908a; Kühnemann, 1938).

T. serrata Dix. (Dixon, 1923).

Distr. South Georgia (Greene, 1964, 1968a).

T. serripungens (Lor. et C. Muell.) Broth. (Brotherus, 1902).

Syn. *Barbula serripungens* Lor. et C. Muell. (Lorentz and Mueller *in* Mueller, 1879a).

Syntrichia serripungens (Lor. et C. Muell.) Herz. (Herzog, 1954).

Distr. Southern South America (Mueller, 1879a; Brotherus, 1902, 1924a; Kurtz, 1904; Paris, 1906; Hosseus, 1935b, 1937, 1938b, c, d; Kühnemann, 1938; Herzog, 1952a, 1954).

var. exesa (C. Muell.) Herz. (Herzog, 1916a).

Syn. *Barbula serripungens* Lor. et C. Muell. var. *exesa* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kühnemann, 1938).

- T. serrulata* Hook. et Grev. ***Tortula robusta***
- T. sinuata*** Bartr. (Bartram, 1965).
Distr. Southern South America (Bartram, 1965).
- T. socialis*** Dus. (Dusén, 1907).
Distr. Southern South America (Dusén, 1907; Brotherus, 1924a).
- T. squarripila*** Thér. (Thériot, 1917b).
Syn. *Syntrichia squarripila* (Thér.) Herz. (Herzog, 1954).
Distr. Southern South America (Thériot, 1917b; Costes, 1921; Brotherus, 1924a; Bartram, 1952; Herzog, 1954, 1960).
- T. stenophylla* Card. et Broth. (Cardot and Brotherus, 1923) *hom. illeg.*
Distr. Southern South America (Cardot and Brotherus, 1923; Brotherus, 1924a; Thériot, 1935a; Kühnemann, 1938).
- T. subenervis* Dus. (Dusén in Paris, 1906) *nom. nud.*
Distr. Southern South America (Paris, 1906).
- T. subglacialis* Thér. ***Tortula pilifera***
- T. subpapillosa* Card. et Broth. ***Tortula papillosa* var. *chilensis***
- T. subsessilis* (Brid.) Mitt. ***Pterygoneurum subsessile***
- T. tenella*** Broth. (Brotherus, 1898).
Syn. *Barbula tenella* (Broth.) Par. (Paris, 1900a).
Tortula monoica Card. (Cardot, 1905a).
Distr. Falkland Islands (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Kühnemann, 1938).
South Georgia (Cardot, 1906a, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Dixon, 1934; Steere, 1961b).
Antarctic, peninsula region (Cardot, 1906a, 1908a; Brotherus, 1925; Steere, 1961a).
- T. tortuosa* Hedw. ***Tortella tortuosa***
- T. truncata* (Hedw.) Mitt. ***Pottia truncata***
- T. truncatula* (With.) Lindb. ***Pottia truncata***
- T. umbrosa*** Dus. (Dusén, 1907).
Distr. Southern South America (Dusén, 1907; Brotherus, 1924a).
- T. unguiculata* (Hedw.) A. Roth. ex P. Beauv. ***Barbula unguiculata***
- T. uniadelphus* C. Muell. ***Tortula mniadelphus***
var. *cochlearifolia* Herz. ***Tortula mniadelphus* var. *cochlearifolia***
- T. vahliana*** (Schultz) Mont. (Montagne, 1850).
Syn. *Barbula vahliana* Schultz (Schultz, 1823).
Distr. Southern South America (Bruch and others, 1842; Montagne, 1850; Reichardt, 1870).
- T. vinealis* (Brid.) Spruc. var. *flaccida* (B.S.G.) Spruc. ***Barbula vinealis* var. *flaccida***
- Trachyloma**
- T. subbasilare* (Hook.) Mitt. ***Goniobryum subbasilare***
- Trachypus**
- T. flexicaulis* (Wils.) Mitt. ***Papillaria flexicaulis***
- Trematodon**
- T. affinis* B.S.G. ***Trematodon reflexus***
- T. boryanus* (Schwaegr.) Spreng. ***Dicranoloma billardieri***

- T. crispatissimus* Hamp. ***Trematodon longicollis* var. *crispatissimus***
- T. crispifolius*** Thér. (Thériot in Felippone, 1929 [1930]).
Distr. Southern South America (Felippone, 1929; Herter, 1933b).
- T. felipponei*** Thér. (Thériot in Felippone, 1929 [1930]).
Distr. Southern South America (Felippone, 1929; Herter, 1933b).
- T. latifolius* C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- T. longicollis*** Michx. var. *crispatissimus* Hornsch. (Hornschuch, 1840) *hom. illeg.*
Syn. *Trematodon crispatissimus* Hamp. (Hampe, 1879) *hom. illeg.*
Distr. Southern South America (Hornschuch, 1840; Gibert, 1873; Hampe, 1879; Paris, 1906; Roth, 1911; Herter, 1933a).
- T. reflexus*** C. Muell. (Mueller, 1848a).
Syn. *Trematodon affinis* B.S.G. (Bruch and others, 1846) *nom. nud.*
Distr. Southern South America (Krieger, 1904; Bartram, 1965).
- T. uruguensis*** Broth. (Brotherus in Felippone, 1909).
Distr. Southern South America (Felippone, 1909; Brotherus, 1924a; Herter, 1933a).
- T. vaginatus*** C. Muell. (Mueller, 1857).
Distr. Southern South America (Krieger, 1904).
- Trichosteleum**
- T. micropyxidium*** (C. Muell.) Broth. (Brotherus, 1908).
Syn. *Aptychus micropyxis* C. Muell. (Mueller, 1896b).
Distr. Southern South America (Hosseus, 1935b; Kühnemann, 1938).
- Trichosteleum* sp.**
Syn. *Hypnum micropyxis* C. Muell. (Mueller, 1879a).
Rhapidostegium micropyxis (C. Muell.) Kindb. (Kindberg, 1888).
Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1905b; Hosseus, 1937).
- Trichostomopsis**
- T. australasiae**** (Hook. et Grev.) H. Robinson (Robinson, 1970a).
Syn. *Tortula australasiae* Hook. et Grev. (Hooker and Greville, 1824b).
Barbula australasiae (Hook. et Grev.) Brid. (Bridel, 1827a).
Trichostomum australasiae (Hook. et Grev.) Jaeg. (Jaeger, 1873).
Asteriscium australasiae (Hook. et Grev.) Hilp. (Hilpert, 1933).
Barbula poeppigiana C. Muell. (Mueller, 1843a).
Pottia poeppigiana (C. Muell.) C. Muell. (Mueller, 1849).
Tortula poeppigiana (C. Muell.) Mont. (Montagne, 1850).
Weisia poeppigiana (C. Muell.) Mitt. (Mitten, 1869).
Hyophila poeppigiana (C. Muell.) Jaeg. (Jaeger, 1873).
Asteriscium poeppigianum (C. Muell.) Hilp. (Hilpert, 1933).
Hyophila poeppigii C. Muell. ex Kindb. (Mueller ex Kindberg, 1888) *nom. illeg.*
Didymodon subtrophaceus Williams (Williams, 1903a) *fide* Robinson, 1970a.
Desmatodon subtrophaceus (Williams) Williams (Williams, 1915) *fide* Robinson, 1970a.
Asteriscium subtrophaceum (Williams) Hilp. (Hilpert, 1933).
Distr. Southern South America (Mueller, 1843a, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1873; Paris, 1904a, b; Dusén, 1906; Williams, 1915; Warnstorf, 1916; Thériot, 1917b, 1921b, 1928; Costes, 1921; Brotherus, 1924a, c; Herzog, 1938, 1954, 1957; Espinosa B., 1941; Skottsberg, 1950; Robinson, 1970a).

* = *Didymodon australasii* (Hook. et Grev.) Zander *fide* Zander, 1978.

T. curvipes (C. Muell.) H. Robinson (Robinson, 1970a).

Syn. *Barbula curvipes* C. Muell. (Mueller, 1879a).

Asteriscium curvipes (C. Muell.) Hilp. (Hilpert, 1933).

Distr. Southern South America (Mueller, 1879a; Paris, 1904a; Brotherus, 1924a; Kühnemann, 1938; Robinson, 1970a).

T. umbrosat (C. Muell.) H. Robinson (Robinson, 1970a).

Syn. *Barbula umbrosa* C. Muell. (Mueller, 1879a).

Asteriscium umbrosum (C. Muell.) Herz. (Herzog, 1952a).

Asteriscium flavisetum Herz. (Herzog, 1952a).

Barbula flaviseta (Herz.) Wijk et Marg. (van der Wijk and Margadant, 1958).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1904a; Brotherus, 1924a; Hosseus, 1935a, b, 1937; Kühnemann, 1938; Herzog, 1952a; Robinson, 1970a).

Trichostomum

T. acaulon C. Muell.

Tortella acaulon

T. aciculare (Hedw.) P. Beauv. var. *aquaticum* (Schrad.) Web. et Mohr ex Brid.

Racomitrium aquaticum

T. aequatoriale Spruc. ex Dix. (Spruce ex Dixon, 1924a).

Syn. *Tortula aequatoriale* Spruc. (Spruce in Dixon, 1924a) *nom. nud.*

Tortula chilensis Mitt. (Mitten, 1869 *non Trichostomum chilense* Mont.).

Distr. Southern South America (Mitten, 1869).

T. affine (C. Muell.) Mont.

Ditrichum difficile

T. amblyophyllum (Mont.) C. Muell.

Tortula platyphylla

T. aquaticum Brid. ex Schrad.

Racomitrium aquaticum

T. australasiae (Hook. et Grev.) Jaeg.

Trichostomopsis australasiae

T. australe Mitt.

Ditrichum strictum

T. brachydontium Bruch (Bruch in F. A. Mueller, 1829).

Syn. *Didymodon brachydontius* (Bruch) Wils. (Wilson in Hooker, 1833).

Mollia brachydontia (Bruch) Lindb. (Lindberg, 1879).

Tortella brachydontia (Bruch) C. Jens. (Jensen, 1923).

Distr. Juan Fernandez (Brotherus, 1924b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

T. brunneum C. Muell.

Didymodon brunneus

T. calcareum (Nees et Hornsch.) Lindb.

Gymnostomum aeruginosum

T. campylocarpum C. Muell.

Bryoerthrophyllum campylocarpum

T. capillaceum (Hedw.) Sm.

Distichium capillaceum

T. chilense Mont.

Cheilothela chilensis

T. compactulum C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Kurtz, 1904; Paris, 1906; Brotherus, 1924a; Hosseus, 1935b, 1937, 1938c, d; Kühnemann, 1938).

T. convolutum Brid.

Desmatodon convolutus

T. crispipilum Tayl.

Racomitrium crispipilum

T. cylindricarpum (C. Muell.) Wils.

Ditrichum cylindricarpum

T. difficile Dub.

Ditrichum difficile

T. dusenii Par. (Paris, 1906) *nom. nud.*

Syn. *Trichostomum glauco-viride* Dus. (Dusén in Paris, 1906) *nom. nud.*

Distr. Southern South America (Paris, 1906).

† = *Didymodon umbrosus* (C. Muell.) Zander *fide* Zander, 1978.

- T. elliotii** Broth. ex Dus. (Brotherus ex Dusén, 1906).
Distr. Southern South America (Dusén, 1906; Brotherus, 1924a; Herzog, 1954).
- T. elongatum** Hook. f. et Wils. ***Ditrichum cylindricarpum***
- T. fernandezianum** Card. (Cardot *in* Skottsberg, 1914) *nom. nud.*
Distr. Southern South America (Skottsberg, 1914).
- T. glauco-viride** C. Muell. ***Didymodon glauco-viridis***
- T. glauco-viride** Dus. ***Trichostomum dusenii***
- T. gracillimum** C. Muell. (Mueller, 1879a).
Syn. *Anacalypta gracillima* (C. Muell.) C. Muell. (Mueller, 1882) *nom. inval.*
Pottia gracillima (C. Muell.) Par. (Paris, 1900a).
Distr. Southern South America (Mueller, 1879a; Paris, 1900a, 1906; Kurtz, 1904; Warnstorf, 1916; Brotherus, 1924a; Hosseus, 1935b, 1937; Kühnemann, 1938).
- T. gymnum** C. Muell. ***Didymodon gymnus***
- T. heterostichum** Hedw. ***Racomitrium heterostichum***
- T. humile** (Hedw.) Mach. ***Tortella humilis***
- T. hypnoides** Willd. ex P. Beauv. ***Racomitrium lanuginosum***
- T. imperfectum** C. Muell. ***Barbula imperfecta***
- T. julaceum** Dus. (Dusén *in* Paris, 1906) *nom. nud.*
Distr. Southern South America (Paris, 1906).
- T. laetum** Kunz. ex C. Muell. ***Rhamphidium laetum***
- T. lambii** Bartr. (Bartram, 1965).
Distr. Southern South America (Bartram, 1965).
- T. lanuginosum** Hedw. ***Racomitrium lanuginosum***
- T. laxifolium** Hook. f. et Wils. ***Ditrichum difficile***
- T. leptodum** (Mont.) Mitt. ***Campylopus clavatus***
- T. ligulum** C. Muell. (Mueller, 1901a [1900]) *nom. nud.*
Distr. Southern South America (Mueller, 1901a).
- T. longifolium** Brid. ***Leucoloma longifolium***
- T. microthecium** C. Muell. ***Didymodon microthecius***
- T. nudum** C. Muell. ***Didymodon brunneus***
- T. orthotrichoides** C. Muell. ***Leptodontium orthotrichoides***
- T. plicatulum** C. Muell. (Mueller, 1882).
Distr. Southern South America (Mueller, 1882; Paris, 1906; Kühnemann, 1938).
- T. protensum** Braun ***Racomitrium aquaticum***
- T. pungens** (Mitt.) Par. ***Leptodontium pungens***
- T. rigidulum** (Hedw.) Turn. ***Didymodon rigidulus***
- T. schimperi** Mont. ***Didymodon schimperi***
- T. spathulato-lineare** C. Muell. ***Didymodon spathulato-linearis***
- T. strictum** Web. et Mohr ***Ditrichum rufescens***
- T. tortella** C. Muell. ***Tortella* sp.**
- T. tortuosum** (Hedw.) Dix. ***Tortella tortuosa***
- T. tucumanense** Bartr. (Bartram, 1965).
Distr. Southern South America (Bartram, 1965).
- T. umbrosum** C. Muell. ***Timmiella umbrosa***

Triquetrella

T. filicaulis Dus. (Dusén, 1906).

Distr. Southern South America (Dusén, 1906; Brotherus, 1924a, c; Espinosa B., 1941).

T. patagonica C. Muell. (Mueller, 1897e).

Distr. Southern South America (Mueller, 1897e; Paris, 1900a, 1906; Thériot, 1917b; Costes, 1921; Brotherus, 1924a; Herzog, 1938; Kühnemann, 1938).

Tristichiopsis

T. mirabilis C. Muell.

Tristichium mirabile

Tristichium

T. lorentzii C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1906; Roth, 1911; Brotherus, 1924a; Kühnemann, 1938).

T. mirabile (C. Muell.) Herz. (Herzog, 1914).

Syn. *Tristichiopsis mirabilis* C. Muell. (Mueller, 1882).

Distr. Southern South America (Mueller, 1882; Paris, 1906; Brotherus, 1924a; Kühnemann, 1938).

Ulea hom. illeg.

U. nitida Thér. (Thériot *in* Felippone, 1929 [1930]).

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

Ulota

U. anderssoni (Aongstr.) Jaeg.

Orthotrichum leiothecium

U. angustissima C. Muell. (Mueller, 1897a).

Distr. Southern South America (Mueller, 1897a; Paris, 1906; Brotherus, 1925).

U. aurantiaca Dus. *in* Malta (Dusén *in* Malta, 1927).

Distr. Southern South America (Malta, 1927).

U. brevicollis (Mitt.) Jaeg.

Ulota rufula

U. carinata Mitt. (Mitten, 1860).

Syn. *Orthotrichum carinatum* (Mitt.) Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1860, 1869; Paris, 1906; Brotherus, 1925; Malta, 1927; Herzog, 1938, 1939).

U. chilensis (Mitt.) Jaeg.

Ulota rufula

U. crassifolia (Hook. f. et Wils.) Hook. f.

Muelleriella crassifolia

U. crenato-erosa (C. Muell.) Kindb.

Orthotrichum crenato-erosa

U. crispata (Hedw.) Sw.

Ptychomitrium crispatum

U. darwinii Mitt.

Ulota fuegiana ssp. darwinii

U. eremitensis Mitt.

Ulota glabella

U. fernandeziana Malta (Malta, 1927).

Distr. Juan Fernandez (Malta, 1927; Bartram, 1959; Robinson, 1975).

U. fuegiana Mitt. (Mitten, 1860).

Syn. *Orthotrichum fuegianum* (Mitt.) Mitt. (Mitten, 1869).

Orthotrichum luteolum Hook. f. et Wils. (Hooker and Wilson *in* Wilson and Hooker, 1847) *pro parte*.

Distr. Southern South America (Wilson and Hooker, 1847; Mitten, 1860, 1869; Ångström, 1872; Jaeger, 1874; Bescherelle, 1885a, 1889; Mueller, 1885; Cardot, 1900, 1901, 1905a, 1908a; Paris, 1906; Cardot and Brotherus, 1923; Brotherus, 1925; Malta, 1927; Kühnemann, 1938; Bartram, 1952; Herzog, 1957; Seki, 1974).

ssp. darwinii (Mitt.) Malta (Malta, 1927).

Syn. *Ulota darwinii* Mitt. (Mitten, 1860).
Orthotrichum darwinii (Mitt.) Mitt. (Mitten, 1869).

Distr. Southern South America (Mitten, 1860, 1869; Jaeger, 1874; Bescherelle, 1885a; Mueller, 1885; Paris, 1906; Cardot, 1908a; Brotherus, 1925; Malta, 1927; Kühnemann, 1938).

var. crispata Malta (Malta, 1927).

Distr. Southern South America (Malta, 1927; Bartram, 1952 (as var. *crispa* Malta); Herzog, 1954).

U. fulvella Mitt.

Ulota luteola

U. germana (Mont.) Mitt. (Mitten, 1860).

Syn. *Orthotrichum germanum* Mont. (Montagne, 1845a).

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1874; Paris, 1906; Cardot, 1908a; Herzog, 1923, 1954; Brotherus, 1925; Reimers, 1926; Malta, 1927; Thériot, 1935a; Kühnemann, 1938; Seki, 1974).

var. breviseta Malta (Malta, 1927).

Distr. Southern South America (Malta, 1927; Herzog, 1938; Seki, 1974).

U. glabella Mitt. (Mitten, 1860).

Syn. *Orthotrichum glabellum* (Mitt.) Mitt. (Mitten, 1869).
Orthotrichum luteolum Hook. f. et Wils. var. β (Hooker and Wilson in Wilson and Hooker, 1847) *pro parte*.

Ulota eremitensis Mitt. (Mitten, 1860) *fide* Malta, 1927.
Orthotrichum eremitense Mitt. (Mitten, 1869) *fide* Malta, 1927.
Ulota hermitei Besch. (Bescherelle, 1889) *nom. illeg.*

Distr. Southern South America (Wilson and Hooker, 1847; Mitten, 1860, 1869; Jaeger, 1874; Bescherelle, 1885a, 1889; Mueller, 1885; Paris, 1906; Cardot, 1908a; Brotherus, 1925; Malta, 1927; Kühnemann, 1938; Seki, 1974).

U. gymnomitria C. Muell.

Orthotrichum gymnomitrium

U. hamata Dus.

Ulota magellanica

U. hermitei Besch.

Ulota glabella

U. immarginata Card.

Ulota pygmaeothecia

U. incana (C. Muell.) Kindb.

Orthotrichum incanum

U. inclinata (C. Muell.) Kindb.

Orthotrichum inclinatum

U. lativentrosa C. Muell. ex Malta (Mueller ex Malta, 1927).

Distr. Southern South America (Neger, 1899 (as *Ulota latavenosa*); Malta, 1927; Herzog, 1938).

U. leiothecia (C. Muell.) Jaeg.

Orthotrichum leiothecium

U. lobbiana Mitt. (Mitten, 1860).

Syn. *Orthotrichum lobbianum* (Mitt.) Mitt. (Mitten, 1869).
Ulota lobbii Mitt. ex Kindb. (Mitten ex Kindberg, 1888) *nom. illeg.*

Distr. Southern South America (Mitten, 1860, 1869; Jaeger, 1874; Paris, 1906; Cardot, 1908a; Brotherus, 1925; Malta, 1927).

U. lobbii Mitt. ex Kindb.

Ulota lobbiana

U. luteola (Hook. f. et Wils.) Wijk et Marg. (van der Wijk and Margadant, 1961).

Syn. *Orthotrichum luteolum* Hook. f. et Wils. (Hooker and Wilson in Wilson and Hooker, 1847) *pro parte*.

Ulotula fulvella Mitt. (Mitten, 1860) *nom. illeg.*
Orthotrichum fulvellum Mitt. (Mitten, 1869) *nom. illeg.*
Ulotula savatieri Besch. (Bescherelle, 1885a).

Distr. Southern South America (Wilson and Hooker, 1847; Sullivant, 1859; Mitten, 1860, 1869; Jaeger, 1874; Bescherelle, 1885a, 1889; Mueller, 1885; Eaton, 1892; Cardot, 1900, 1901, 1908a; Dusén, 1903a, 1905d; Paris, 1906; Cardot and Brotherus, 1923; Brotherus, 1925; Malta, 1927; Kühnemann, 1938; Herzog, 1957).

U. macrocalycina Mitt. (Mitten, 1860).

Syn. *Orthotrichum macrocalycinum* (Mitt.) Mitt. (Mitten, 1869).
Orthotrichum marginatum Aongstr. (Ångström, 1872) *fide* Malta, 1927.
Ulotula marginata (Aongstr.) Jaeg. (Jaeger *in* Jaeger and Sauerbeck, 1879b) *fide* Malta, 1927.
Ulotula nothofagi Card. (Cardot, 1905a) *fide* Malta, 1927.

Distr. Southern South America (Mitten, 1860, 1869; Ångström, 1872, 1876b (as *U. fuegiana* Mitt.); Jaeger, 1874; Bescherelle, 1885a; Mueller, 1885; Cardot, 1905a, 1908a; Paris, 1906; Brotherus, 1925; Malta, 1927; Kühnemann, 1938; Seki, 1974).

U. macrodontia Dus. ex Malta (Dusén ex Malta, 1927).

Distr. Southern South America (Dusén, 1903a; Malta, 1927; Herzog, 1954; Seki, 1974).

U. magellanica (Mont.) Jaeg. (Jaeger, 1874).

Syn. *Orthotrichum magellanicum* Mont. (Montagne, 1843).
Ulotula hamata Dus. (Dusén, 1903a).

Distr. Southern South America (Montagne, 1843, 1845b, 1850, 1856; Mueller, 1849, 1885; Sullivant, 1859; Mitten, 1869; Ångström, 1872; Jaeger, 1874; Bescherelle, 1885a; Dusén, 1903a, 1905d; Cardot, 1905a, 1908a; Paris, 1906; Brotherus, 1925; Malta, 1927; Herzog, 1938; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

U. marginata (Aongstr.) Jaeg.

Ulotula macrocalycina

U. nothofagi Card.

Ulotula macrocalycina

U. persubulata Dus.

Ulotula rufula

U. phyllantha Brid. (Bridel, 1819).

Syn. *Orthotrichum phyllanthum* (Brid.) Steud. (Steudel, 1824).
Weisia phyllantha (Brid.) Lindb. (Lindberg, 1879).
Orthotrichum jutlandicum Brid. (Bridel, 1826) *nom. illeg.*

Distr. Southern South America (Wilson and Hooker, 1847 (as *Orthotrichum crispum* *fide* Malta, 1927); Sullivant, 1859; Mitten, 1869; Bescherelle, 1885a; Mueller, 1885; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Malta, 1927; Bartram, 1952).

U. pusilla Malta (Malta, 1927).

Distr. Southern South America (Malta, 1927).

U. pycnophylla Dus. ex Malta (Dusén ex Malta, 1927).

Distr. Southern South America (Malta, 1927).

U. pygmaeothecia (C. Muell.) Kindb. (Kindberg, 1888).

Syn. *Orthotrichum pygmaeothecium* C. Muell. (Mueller, 1885).
Ulotula immarginata Card. (Cardot, 1905a).

Distr. Southern South America (Bescherelle, 1885a; Mueller, 1885; Paris, 1905a; Cardot, 1905a, 1908a; Cardot and Brotherus, 1923; Malta, 1927; Kühnemann, 1938; Bartram, 1952; Seki, 1974).

U. rufula (Mitt.) Jaeg. (Jaeger, 1874).

Syn. *Orthotrichum rufulum* Mitt. (Mitten, 1869).
Orthotrichum brevicolle Mitt. (Mitten, 1869) *fide* Malta, 1927.
Ulotula brevicollis (Mitt.) Jaeg. (Jaeger, 1874) *fide* Malta, 1927.
Orthotrichum chilense Mitt. (Mitten, 1869) *fide* Malta, 1927.

Ulotia chilensis (Mitt.) Jaeg. (Jaeger, 1874) *fide* Malta, 1927.

Ulotia persubulata Dus. (Dusén, 1903a) *nom. nud.* *fide* Malta, 1927.

Distr. Juan Fernandez (Brotherus, 1924b; Bartram, 1959; Robinson, 1975).
Southern South America (Mitten, 1869; Jaeger, 1874; Dusén, 1903a; Paris, 1906;
Herzog, 1923, 1938, 1954, 1957; Brotherus, 1925; Malta, 1927; Roivainen, 1934;
Thériot, 1934b, 1935a; Seki, 1974).

var. fagiola Dus. *ex* Malta (Dusén *ex* Malta, 1927).

Distr. Southern South America (Malta, 1927).

var. patagonica Malta (Malta, 1927).

Distr. Southern South America (Malta, 1927; Seki, 1974).

U. savatieri Besch.

Ulotia luteola

U. ventricosa (C. Muell.) Malta (Malta, 1927).

Syn. *Zygodon ventricosus* C. Muell. (Mueller, 1844b [1845]).

Distr. Southern South America (Mueller, 1844b, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1906; Brotherus, 1925; Malta, 1927).

Valdiviella

V. pauperkulata Thér. et Herz. (Thériot and Herzog *in* Herzog, 1928).

Distr. Southern South America (Herzog, 1928).

Verrucidens

V. intermedius Dix. (Dixon, 1920).

Syn. *Hymenoloma intermedium* (Dix.) Broth. (Brotherus, 1924a).

Distr. South Georgia (Dixon, 1920; Brotherus, 1924a; Steere, 1961b).

V. turpis (Card.) Card. (Cardot, 1908a).

Syn. *Blindia turpis* Card. (Cardot, 1905a).

Hymenoloma turpe (Card.) Card. et Broth. (Cardot and Brotherus, 1923).

Distr. Southern South America (Cardot, 1905a, 1908a; Cardot and Brotherus, 1923;
Brotherus, 1924a; Donat, 1936a; Kühnemmann, 1938; Herzog, 1957; Seki, 1974).

Vesicularia

V. argentinica Broth. (Brotherus, 1918).

Distr. Southern South America (Brotherus, 1918, 1925; Kühnemmann, 1938; Herzog, 1952a).

V. vesicularis (Schwaegr.) Broth. (Brotherus, 1908).

Syn. *Hypnum vesiculare* Schwaegr. (Schwaegrichen, 1827a).

Leskea rutilans Brid. (Bridel, 1827b).

Ectropothecium rutilans (Brid.) Mitt. (Mitten, 1869).

Distr. Southern South America (Krieger, 1904; Herzog, 1952a).

Vesiculariopsis

V. spirifolium (Dus.) Broth. (Brotherus, 1908).

Syn. *Ectropothecium spirifolium* Dus. (Dusén, 1905a).

Vesiculariopsis spiripes Broth. *ex* Par. (Brotherus *ex* Paris, 1909) *err.*

Achrohypnella subenervis Herz. (Herzog, 1954) *fide* Seki, 1974.

Distr. Southern South America (Dusén, 1903a, 1905b; Paris, 1904b; Brotherus, 1908, 1925;
Cardot, 1908a; Kühnemmann, 1938; Herzog, 1954; Matteri, 1972; Seki, 1974).

V. spiripes Broth. *ex* Par.

Vesiculariopsis spirifolium

Webera hom. illeg.

W. albicans Schimp.

Pohlia wahlenbergii

W. alticaulis (C. Muell.) Kindb.

Pohlia wahlenbergii* var. *glacialis

- var. *crassinervis* Card.
 var. *robustior* (C. Muell.) Par.
W. ampliretis (C. Muell.) Kindb.
W. antarctica (Hook. f. et Wils.) Jaeg.
W. calopyxis (C. Muell.) Kindb.
W. chilensis Par. (Paris, 1906) *nom. nud.*
 Syn. *Webera paucifolia* Dus. (Dusén *in* Paris, 1906) *nom. nud.*
 Distr. Southern South America (Paris, 1906).
W. commutata Schimp.
W. costesii Card. et Thér.
W. cruda (Hedw.) Fuernr.
 var. *imbricata* Card.
W. drummondii (C. Muell.) Jaeg.
W. emergens (C. Muell.) Kindb.
W. firmo-acuminata Dus. (Dusén *in* Paris, 1906) *nom. nud.*
 Distr. Southern South America (Paris, 1906).
W. gerlachei Card.
W. hariotiana Besch.
W. humilis (Mont.) Broth.
W. inflexa (C. Muell.) Kindb.
W. leptoclada Card. et Broth. (Cardot and Brotherus, 1923).
 Distr. Falkland Islands (Cardot and Brotherus, 1923; Brotherus, 1924a; Kühnemann, 1938).
W. lonchochaete Dus.
W. looseri Thér. (Thériot, 1934b [1935]).
 Distr. Southern South America (Looser, 1932; Thériot, 1934b).
W. magnifica Herz. (Herzog, 1954).
 Distr. Southern South America (Herzog, 1954).
W. manca (C. Muell.) Kindb.
W. meyeniana Hamp.
W. nevadensis (C. Muell.) Kindb.
W. nutans Hedw.
 var. *minor* (Hook.) Brid.
W. paucifolia Dus.
W. philonotea (C. Muell.) Par.
W. philonotidea Par.
W. polycarpa (Mitt.) Jaeg.
W. pulvinata Kindb.
W. pyriformis Hedw.
W. racovitzae Card.
 var. *laxiretis* Card.
W. sphagnadelphus (C. Muell.) Besch.
W. synoico-cruda (C. Muell.) Kindb.
W. timmiaecaulon Dus. (Dusén, 1903a) *nom. nud.*
 Distr. Southern South America (Dusén, 1903a).
- Mniobryum alticaule* var. *crassinerve***
Mniobryum alticaule* var. *robustius
Pohlia wahlenbergii* var. *glacialis
Bryum antarcticum
Pohlia calopyxis
- Pohlia drummondii***
Pohlia polycarpa
Pohlia cruda
Pohlia cruda* var. *imbricata
Pohlia drummondii
Mielichhoferia emergens
- Bryum gerlachei***
Goniobryum subbasilare
Pohlia humilis
Pohlia inflexa
- Mielichhoferia manca***
Brachymenium meyenianum
Pohlia nevadensis
Pohlia nutans
Mielichhoferia longiseta
Webera chilensis
Mniobryum philonoteum
Mniobryum philonoteum
Pohlia polycarpa
Pohlia nutans
Leptobryum pyriforme
Pohlia racovitzae
Pohlia racovitzae* var. *laxiretis
Pohlia nutans
Pohlia cruda

W. viridata (C. Muell.) Kindb.
W. wahlenbergii (Web. et Mohr) Fuernr.
W. wilsonii (Mitt.) Jaeg.

Pohlia cruda
Pohlia wahlenbergii
Leptobryum wilsonii

Weisia

W. acuta Hedw.
W. alpicola (Hedw.) Poir.
W. amblyodon Brid.
W. antarctica (C. Muell.) Wils.
W. apocarpa (Hedw.) Poir.
W. argentinica C. Muell.
W. auridens C. Muell.
 var. *robusta* C. Muell.
W. balansaeana (Besch.) C. Muell.
W. bogotensis Hamp.
W. calcarea (Nees et Hornsch.) C. Muell.
W. chilensis Hamp. ex C. Muell.
W. contecta Hook. f. et Wils.

Blindia acuta
Schistidium alpicola
Weisia controversa var. *amblyodon*
Dicranoweisia antarctica
Schistidium apocarpum
Hymenostomum argentinicum
Oreoweisia bogotensis
Oreoweisia auridens var. *robusta*
Hymenostomum balansaeana
Oreoweisia bogotensis
Gymnostomum aeruginosum
Oreoweisia chilensis
Blindia contecta

***W. controversa* Hedw. (Hedwig, 1801).**

Syn. *Grimmia controversa* (Hedw.) Web. et Mohr (Weber and Mohr, 1803).
Bryum controversum (Hedw.) P. Beauv. (Palisot de Beauvois, 1805a).
Weisia viridula Hedw. ex Brid. (Hedwig ex Bridel, 1819) *nom. illeg.*
Simophyllum viridulum Lindb. (Lindberg, 1871) *hom. illeg.*
Tortella viridula C. Jens. (Jensen, 1923) *nom. illeg.*
Weisia flavipes Hook. f. et Wils. (Hooker and Wilson in Wilson, 1854).

Distr. Juan Fernandez (Bartram, 1959; Robinson, 1975).
 Southern South America (Herter, 1933a; Piovano, 1954).

var. *amblyodon* (Brid.) Sendtn. (Sendtner, 1848).

Syn. *Weisia amblyodon* Brid. (Bridel, 1827a).
Weisia viridula Hedw. ex Brid. var. *amblyodon* (Brid.) B.S.G. (Bruch and others, 1846).

Distr. Southern South America (Herzog, 1954).

W. crispula sensu Wils. et Hook. (Wilson and Hooker, 1847).

see *Dicranoweisia antarctica*

W. cryptodon Mont.

Camptodontium cryptodon

W. curvirostris C. Muell.

Hymenostylium recurvirostre

W. donniana (Sm.) Poir.

Grimmia donniana

***W. felipponei* Thér. (Thériot in Felippone, 1929 [1930]).**

Distr. Southern South America (Felippone, 1929; Herter, 1933a).

W. flavipes Hook. f. et Wils.

Weisia controversa

W. fugax Hedw.

Rhabdoweisia fugax

W. gracilis (Hook.) Spreng.

Pilopogon gracilis

W. heteromalla Hedw.

Ditrichum heteromallum

W. kunzeana C. Muell.

Hymenostomum kunzeana

W. latifolia Schwaegr.

Stegonia latifolia

W. longirostris Mitt.

Hymenostylium kunzeana

***W. patagonica* Card. et Broth. (Cardot and Brotherus, 1923).**

Distr. Southern South America (Cardot and Brotherus, 1923; Kühnemann, 1938).

<i>W. pentasticha</i> (Brid.) Hedw.	<i>Conostomum pentastichum</i>
<i>W. perichaetialis</i> Mont.	<i>Eucamptodon perichaetialis</i>
<i>W. phyllantha</i> (Brid.) Lindb.	<i>Ulota phyllantha</i>
<i>W. plagiopodia</i> (Hedw.) Poir.	<i>Grimmia plagiopodia</i>
<i>W. poeppigiana</i> (C. Muell.) Mitt.	<i>Trichostomopsis australasiae</i>
<i>W. recurvirostris</i> Hedw.	<i>Bryoerythrophyllum recurvirostre</i>
<i>W. recurvirostris</i> (Hedw.) Dix.	<i>Hymenostylium recurvirostre</i>
<i>W. richardii</i> (Brid.) Schwaegr.	<i>Campylopus richardii</i>
<i>W. semi-involuta</i> C. Muell.	<i>Hymenostomum semi-involutum</i>
<i>W. sphaerothecia</i> C. Muell.	<i>Amphidium tortuosum</i>
<i>W. tenuis</i> Kunz. ex Mont.	<i>Microdus kunzeanus</i>
<i>W. verticillata</i> Brid.	<i>Eucladium verticillatum</i>
<i>W. viridula</i> Hedw. ex Brid.	<i>Weisia controversa</i>
var. <i>amblyodon</i> (Brid.) B.S.G.	<i>Weisia controversa</i> var. <i>amblyodon</i>

Weymouthia**W. billardieri** (Hamp.) Broth.*Weymouthia cochlearifolia* var. *billardieri***W. cochlearifolia** (Schwaegr.) Dix. (Dixon, 1927).

- Syn. *Hypnum cochlearifolium* Schwaegr. (Schwaegrichen, 1816).
Isothecium cochlearifolium (Schwaegr.) Mitt. (Mitten, 1856).
Stereodon cochlearifolius (Schwaegr.) Mitt. (Mitten, 1860).
Coelidium cochlearifolium (Schwaegr.) Reichdt. (Reichardt, 1870).
Porotrichum cochlearifolium (Schwaegr.) Mitt. (Mitten, 1883).
Lembophyllum cochlearifolium (Schwaegr.) Lindb. (Lindberg in Paris, 1896).

Distr. Southern South America (Montagne, 1850; Eaton, 1892; Paris, 1896, 1905a; Thériot, 1935a).

var. billardieri (Hamp.) Dix. (Dixon, 1927).

- Syn. *Neckera billardieri* Hamp. (Hampe, 1860).
Pilotrichella billardieri (Hamp.) Jaeg. (Jaeger, 1877).
Meteorium billardieri (Hamp.) Mitt. (Mitten, 1882).
Weymouthia billardieri (Hamp.) Broth. (Brotherus, 1906b).
Pilotrichella kraussei Lor. (Lorentz, 1864).

Distr. Southern South America (Lorentz, 1864, 1866; Jaeger, 1877; Paris, 1905b; Brotherus, 1906b, 1925; Cardot, 1908a; Campo, 1915; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1940, 1954, 1960; Reimers, 1926; Bartram, 1952; Seki, 1974).

W. mollis (Hedw.) Broth. (Brotherus, 1906b).

- Syn. *Leskea mollis* Hedw. (Hedwig, 1801).
Neckera mollis (Hedw.) C. Muell. (Mueller, 1850).
Meteorium molle Wils. (Wilson, 1854).
Isothecium molle (Hedw.) Mitt. (Mitten, 1856).
Stereodon mollis (Hedw.) Mitt. (Mitten, 1860) *hom. illeg.*
Pilotrichella mollis (Hedw.) Jaeg. (Jaeger, 1877).
Neckera cumingii C. Muell. (Mueller, 1850).
Pilotrichella cumingii (C. Muell.) Lor. (Lorentz in Jaeger, 1877).

Distr. Juan Fernandez (Montagne, 1835; Johow, 1896; Paris, 1905b; Skottsberg, 1914; Brotherus, 1924b; Thériot, 1927b; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).

Southern South America (Montagne, 1850; Mueller, 1850, 1855; Lorentz, 1866; Mitten, 1869; Jaeger, 1877; Bescherelle, 1889; Neger, 1899; Paris, 1905b; Brotherus, 1906b, 1924c, 1925; Cardot, 1908a; Rowlee, 1916; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1954, 1960; Reimers, 1926; Roivainen, 1934; Espinosa B., 1941; Skottsberg, 1950; Bartram, 1952; Bizot, 1967; Seki, 1974).

W. orbiculata Thér.*Camptochaete orbiculata*

Willia

W. austro-leucophaea (Besch.) Broth. (Brotherus, 1902).

- Syn.* *Grimmia austro-leucophaea* Besch. (Bescherelle, 1885a).
Guembelia austro-leucophaea C. Muell. (Mueller *in* Paris, 1895) *nom. nud.*
Willia grimmioides C. Muell. (Mueller, 1890a) *fide* Bell, 1974.
Willia senilis C. Muell. (Mueller, 1901a [1900]).
Grimmia senilis Besch. (Bescherelle *in* Mueller, 1901a [1900]) *nom. nud.*

Distr. Southern South America (Bescherelle, 1885a, 1889; Mueller, 1901a; Brotherus, 1902, 1924a; Paris, 1906; Cardot, 1908a).
 South Georgia (Mueller, 1890a; Cardot, 1906a, 1908a; Paris, 1906; Brotherus, 1924a; Steere, 1961b; Bell, 1974).

W. grimmioides C. Muell.

Willia austro-leucophaea

W. senilis C. Muell.

Willia austro-leucophaea

Wollyan

W. pottiacea (Dus.) Herz.

Leptobryum pottiaceum

W. wilsonii (Mitt.) Herz.

Leptobryum wilsonii

Zieria hom. illeg.

Z. lamprocarpa (C. Muell.) Kindb.

Bryum lamprocarpum

Zygodon

Z. bartramioides Malta (Malta, 1924).

- Syn.* *Pentastichella bartramioides* Dus. (Dusén *in* Malta, 1924) *nom. nud.*
Zygodon cylindropyxis C. Muell. (Mueller *in* Malta, 1926) *nom. nud.*
Stenomitrium robustulum Par. (Paris, 1905b) *nom. nud.*
Pentastichella robustula Dus. (Dusén *in* Paris, 1905b) *nom. nud.*
Zygodon robustulus Broth. (Brotherus *in* Malta, 1926) *nom. nud.*

Distr. Southern South America (Neger, 1899; Paris, 1905b; Malta, 1924, 1926; Brotherus, 1925; Herzog, 1938, 1954; Seki, 1974).

Z. cãldensis Aongstr.

Zygodon reinwardtii

Z. coarctatus Schimp.

Zygodon reinwardtii

Z. corralensis Lor. ex C. Muell.

Zygodon corralensis

Z. corralensis Lor. (Lorentz, 1866).

- Syn.* *Ceratodon corralensis* (Lor.) Jaeger. (Jaeger, 1873).
Zygodon corralensis Lor. ex C. Muell. (Lorentz ex Mueller, 1879a) *err.*

Distr. Juan Fernandez (Malta, 1926).
 Southern South America (Lorentz, 1866; Jaeger, 1873, 1874; Paris, 1906; Malta, 1924, 1926; Brotherus, 1925; Herzog, 1938, 1954; Seki, 1974).

Z. curvicaulis Dus.

Zygodon intermedius

Z. cyathicarpus Mont.

Amphidium tortuosum

Z. cylindropyxis C. Muell.

Zygodon bartramioides

Z. denticulatus Tayl.

Zygodon reinwardtii

Z. erythrocarpus C. Muell.

Zygodon obtusifolius

Z. excelsus C. Muell.

Molendoa sendtneriana

Z. gracillimus Dus.

Zygodon papillatus

Z. hatcheri Dus.

***Macromitrium* sp.**

Z. hyadesii Besch.

Zygodon reinwardtii* var. *hyadesii

var. *inermis* Dus.

Zygodon inermis

Z. hystrix Dus.

Zygodon pichinchensis

Z. inermis Malta (Malta, 1926).

Syn. *Zygodon hyadesii* Besch. var. *inermis* Dus. (Dusén in Malta, 1926) *nom. nud.*

Distr. Southern South America (Malta, 1926; Herzog, 1940; Seki, 1974).

Z. intermedius B.S.G. (Bruch and others, 1838).

Syn. *Zygodon krausei* Lor. (Lorentz, 1864).

Zygodon curvicaulis Dus. (Dusén, 1903a).

Zygodon pseudoventricosus C. Muell. (Mueller in Malta, 1926) *nom. nud.*

Distr. Juan Fernandez (Malta, 1926; Thériot, 1927b; Bartram, 1959; Robinson, 1975).

Southern South America (Montagne, 1850; Lorentz, 1864, 1866; Jaeger, 1873, 1874;

Dusén, 1903a; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Malta, 1926; Kühnemann, 1938; Herzog, 1954; Seki, 1974).

Z. jaffuelii Thér.

Zygodon liebmannii

Z. krausei Lor.

Zygodon intermedius

Z. liebmannii Schimp. (Schimper in Mueller, 1849).

Syn. *Zygodon jaffuelii* Thér. (Thériot, 1921a).

Distr. Southern South America (Costes, 1921; Thériot, 1921a; Malta, 1926; Herzog, 1938, 1954; Seki, 1974).

Z. linearis C. Muell.

Anoectangium lineare

Z. magellanicus Dus. ex Malta (Dusén ex Malta, 1926).

Distr. Southern South America (Brotherus, 1925; Malta, 1926; Seki, 1974).

Z. mandonius Schimp. ex C. Muell.

Anoectangium lineare

Z. menziesii (Schwaegr.) Arnott (Arnott, 1827).

Syn. *Codonoblepharon menziesii* Schwaegr. (Schwaegrichen, 1824).

Distr. Juan Fernandez (Brotherus, 1924b; Robinson, 1975).

Southern South America (Mueller, 1844b, 1849; Montagne, 1850; Mitten, 1869; Jaeger, 1874; Paris, 1906; Brotherus, 1925; Malta, 1926; Herzog, 1954; Seki, 1974).

Z. obovalis Mitt. (Mitten, 1885).

Distr. Juan Fernandez (Mitten, 1885; Johow, 1896; Paris, 1900a, 1906; Brotherus, 1924b, 1925; Malta, 1926).

Z. obtusifolius Hook. (Hooker, 1819).

Syn. *Zygodon erythrocarpus* C. Muell. (Mueller, 1879a).

Zygodon rufulus Dus. (Dusén in Malta, 1926) *nom. nud.*

Distr. Southern South America (Mueller, 1879a; Paris, 1906; Malta, 1924, 1926; Brotherus, 1925; Kühnemann, 1938).

var. antarcticus Malta (Malta, 1924).

Distr. Southern South America (Malta, 1924, 1926).

Z. ochraceus C. Muell. (Mueller, 1879a).

Syn. *Zygodon pygmaeus* C. Muell. (Mueller, 1879a).

Distr. Southern South America (Mueller, 1879a; Paris, 1906; Brotherus, 1925; Malta, 1926; Kühnemann, 1938).

Z. orthotrichoides (C. Muell.) Broth.

Leptodontium orthotrichoides

Z. palmarum C. Muell.

Leptodontium orthotrichoides

Z. papillatus Mont. (Montagne, 1845a).

Syn. *Codonoblepharon papillatum* (Mont.) Jaeg. (Jaeger, 1874).

Zygodon papillosus Mont. ex Broth. (Montagne ex Brotherus, 1902) *err.*

Zygodon gracillimus Dus. (Dusén, 1903a) *nom. nud.*

Distr. Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Mitten, 1869; Jaeger, 1874; Brotherus, 1902, 1925; Dusén, 1903a; Paris, 1906; Malta, 1926; Herzog, 1960; Seki, 1974).

Z. papillosus Mont. ex Broth.

Zygodon papillatus

Z. pentastichus (Mont.) C. Muell. (Mueller, 1849).

Syn. *Aulacomnium pentastichum* Mont. (Montagne, 1845a).
Stenomitrium pentastichum (Mont.) Broth. (Brotherus, 1902).
Pentastichella pentasticha (Mont.) C. Muell. (Mueller *in* Thériot, 1918) *comb. inval.*
Zygodon uncinatus Mitt. (Mitten, 1869).
Codonoblepharon uncinatum (Mitt.) Jaeg. (Jaeger, 1874).
Macromitrium poeppigii Dub. (Duby, 1868).

Distr. Juan Fernandez (Skottsberg, 1914; Brotherus, 1924b; Malta, 1926; Espinosa B., 1941; Bartram, 1959; Robinson, 1975).
 Southern South America (Montagne, 1845a, 1850, 1856; Mueller, 1849; Lorentz, 1866; Duby, 1868; Mitten, 1869; Jaeger, 1874; Neger, 1899; Brotherus, 1902, 1925; Paris, 1905a, b, 1906; Cardot, 1908a; Campo, 1915, 1921; Thériot, 1918; Cardot and Brotherus, 1923; Herzog, 1923, 1938, 1939, 1954, 1957, 1960; Malta, 1926; Reimers, 1926; Seki, 1974).

var. *crispatus* (Thér.) Malta (Malta, 1926).

Syn. *Zygodon porteri* Thér. var. *crispatus* Thér. (Thériot, 1926).

Distr. Southern South America (Malta, 1926; Thériot, 1926).

var. *strictifolius* Malta (Malta, 1926).

Syn. *Pentastichella pentasticha* (Mont.) C. Muell var. *strictifolia* Thér. (Thériot, 1924) *comb. inval.*

Distr. Southern South America (Thériot, 1924; Malta, 1926).

Z. perpusillus Thwait. et Mitt.

Rhachithecium perpusillum

Z. pichinchensis (Tayl.) Mitt. (Mitten, 1851).

Syn. *Didymodon pichinchensis* Tayl. (Taylor, 1848b).
Zygodon hystrix Dus. (Dusén *in* Paris, 1906) *nom. nud.*

Distr. Southern South America (Paris, 1906; Brotherus, 1925; Malta, 1926; Seki, 1974).

Z. podocarpus C. Muell. ex Malta (Mueller ex Malta, 1926).

Distr. Southern South America (Malta, 1926).

Z. porteri Thér. (Thériot, 1926).

Syn. *Pentastichella jaffuelii* Thér. (Thériot, 1921a) *comb. inval.*

Distr. Southern South America. (Thériot, 1921a, 1926).

var. *crispatus* Thér.

Zygodon pentastichus var. *crispatus*

Z. pseudoventricosus C. Muell.

Zygodon intermedius

Z. pygmaeus C. Muell.

Zygodon ochraceus

Z. reinwardtii (Hornsch.) Braun (Braun *in* Bruch and others, 1838).

Syn. *Syrrophodon reinwardtii* Hornsch. (Hornschuch *in* Reinwardt and Hornschuch, 1826 [1829]).

Zygodon denticulatus Tayl. (Taylor, 1847).

Zygodon subdenticulatus Hamp. (Hampe, 1865).

Zygodon caldensis Aongstr. (Ångström, 1876a).

Zygodon coarctatus Schimp. (Schimper *in* Paris, 1898) *nom. nud.*

Distr. Southern South America (Mitten, 1869; Jaeger, 1874; Paris, 1898, 1906; Brotherus, 1925; Malta, 1926; Bartram, 1952).

var. *hyadesii* (Besch.) Malta (Malta, 1926).

Syn. *Zygodon hyadesii* Besch. (Bescherelle, 1885a).

Distr. Southern South America (Bescherelle, 1885a, 1889; Paris, 1906; Cardot, 1908a; Cardot and Brotherus, 1923; Brotherus, 1925; Malta, 1926; Kühnemann, 1938; Seki, 1974).

Z. robustulus Broth.

Zygodon bartramioides

Z. rufulus Dus.

Zygodon obtusifolius

Z. subdenticulatus Hamp.

Zygodon reinwardtii

Z. tenerrimus (C. Muell.) C. Muell.

Gymnostomum tenerrimum

Z. theriotii Herz. (Herzog, 1938).

Distr. Southern South America (Herzog, 1938).

Z. tristis Herz. (Herzog, 1960 [1961]).

Distr. Southern South America (Herzog, 1960).

Z. uncinatus Mitt.

Zygodon pentastichus

Z. ventricosus C. Muell.

Ulota ventricosa

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IV. REFERENCES

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