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Checklist of the mosses of sub-Saharan Africa (version 5, 12/06)

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Checklist of the mosses of sub-Saharan Africa (version 5, 12/06)

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Abstract. 2746 moss taxa are listed for sub-Saharan Africa and adjacent islands, with distribution by country. Each distribution record is supported by a literature reference and 7697 African synonyms and annotations are included, also supported by references, giving a total of 849 references. Totals of taxa for each geographic unit are provided, together with family placement for all genera. The document replaces version 4, published in December 2003.

Preface

This is the fifth revised version of the African moss checklist for sub-Saharan Africa. It is now over eleven years since the first publication (1663), and three years since the previous version [7444]. It should be noted that all references in this paper are given as numbers, but these are translated into 'author+year' references in the bibliography. Those in round () brackets were present in the previous edition, and those in square brackets [] have been added or changed in this edition. References included in previous versions retain the same number. With version 5 there are now an additional 395 publications included with 5240 new synonyms and annotations, as well as corrections and additions missed from earlier publications. Earlier versions only included synonyms that post-dated the sources used to put the original list together, but now all the synonyms known from sub-Saharan Africa are included, significantly increasing the size of the document. Despite the many new taxa added to the list, the taxon count has dropped significantly, from 2791 to 2746, reflecting both the significant amount of taxonomic work on African mosses in recent years, as well as the removal of many as synonyms. The task of accumulating and entering new data into the database continues, but this version contains all data available up to the end of November 2006.

The data in the first version was analysed further in two papers (2602, 2365), and periodically further updates are made to some of this data via the Tropical Bryology Research (TBR) web site:

<http://www.TropicalBryologyResearch.co.uk/>

Take the 'Africa/diversity' option and look for the heading *African moss diversity and endemism*. The data from this version should be on the website by (or shortly after) publication date.

As with previous versions, publication will be simultaneously in both printed and on-line versions: *Tropical Bryology Research Reports* **6**: 1-252, and via the website given above, taking the 'TBR Reports' option. The PDF format is recommended for download as this mirrors the author's printed version; the MS Word version may paginate differently in different versions of software. If you have downloaded the electronic version, please copy the files to anyone who might have an interest. Future updates are planned at two to four year intervals, and will be made available in the same way.

Although the introductory comments are substantially the same as previous versions, there are some changes in this version. These are summarised at the end of the introduction.

Introduction

This checklist is intended to give an overall view of the distribution of tropical African mosses, and a list of sub-Saharan hepatics is also available [8367], via our website. The need for checklists containing "current names" (rather than just an indiscriminate list of all the names ever used, whether accepted or not) has been identified as one of the most vital tools needed to progress conservation and ecological issues in botany (1639). Such checklists are seen as tactical steps towards a global plant species information system. There has also been debate about the most appropriate approach to putting together the taxonomic backbone of such an information system and what information should be stored, and the data in this checklist covers the basic requirement, common across all plant groups: species name, relevant synonyms, generic and family placement, geographical distribution and bibliographic citation.

The scope of the checklist is all of sub-Saharan Africa, together with the Atlantic and Indian Ocean islands in the tropics. This does not quite conform to the Index Muscorum divisions, as part of Africa-4 is excluded to the south (the islands in the southern Atlantic and Indian Oceans). For practical reasons it was necessary to draw a definite boundary round the region, even when this cut across existing affinities, such as the north Atlantic islands (Cape Verde is included, the Canaries, Madeira and Azores are excluded). This differs slightly from the combined *Bryologia Africana* (398) and *Flora of Southern Africa* (83) areas, by including the islands of Cape Verde, Ascension and St. Helena.

All African countries have been covered by checklists, although some of these are now rather old, and these were the source of the original data for this checklist. Apart from the recently added Sudan checklist, these were mapped in the original 1995 publication, and are:

West Africa	Schultze-Motel 1975	(47)
Central Africa	Born, Frahm & Pócs 1993	(65)
Southern Africa	Perold & Van Rooy 1993	(1531)
Ethiopia	Cufodontis 1951	(50)
Sudan	O'Shea 2004	(7430)
Eastern Africa and Angola	Kis 1985	(46)
Atlantic islands	Geheeb 1910	(1296)
Indian Ocean islands	Crosby & Schultze-Motel 1983	(40)

All of this data has been entered into a database, and updated with later publications. I would be grateful for pointers to any omitted publications, or monographs that include African taxa, that are not already included in the references. Where data has been taken from an existing checklist, I have not included all the individual supporting references and have instead just

given the name of the checklist - e.g. east African references will typically show (46) (= Kis, 1985) as the reference. It will be necessary to go to the source document quoted to get the detailed references. The resulting list contains 2746 taxa, with over 10,000 taxon/country occurrences - an average of around 3.6 countries (or part countries) per taxon (slightly up on version 3). All taxa in the source lists (including synonyms) should appear in the checklist as either accepted taxa, or as synonyms or excluded taxa.

This document is not intended as a taxonomic work. The quality of the data in this list is variable in its taxonomic quality, although it attempts to present the latest position for all taxa. Some difficult and complex families where revision is almost complete (e.g. Calymperaceae) are in a good state, and the list represents a useful synthesis of the current position. Where the process of revision is still underway (e.g. Fissidentaceae) there are now large numbers of synonyms, with only a few more taxa still to tackle. In other areas work has hardly begun, such as Sematophyllaceae and parts of Hypnaceae, and this will continue to cause problems for those attempting to identify plants in these groups. The list will at least indicate the scale of the problem.

Producing and maintaining the list would have been unmanageable without computer assistance, and all data used in the list is held on the TAXA system (115), and the main taxon distribution list and list of references was generated directly from TAXA.

Although this list was checked against the previous version and a list of new synonyms, there has been considerable manipulation of data and what was once correct may no longer be so. Please let me know of any mistakes.

Assumptions, Comments & Compromises

A list this size cannot be produced without taking a pragmatic view, and listed below are some of the problems faced and assumptions taken.

- The basic list has been built from the latest 'authoritative' list for the country concerned - i.e. on lists that validate the occurrence in a country via earlier lists or collections, as discussed above. The area included in the checklist, and the countries involved, are shown in Fig. 1. All taxa mentioned in *Index Muscorum* as occurring in Africa-2, 3 or 4 (excluding Africa 4 south of South Africa) are included as either valid taxa, or as synonyms, or as excluded taxa. Records not localised to a country will be treated as doubtful or excluded taxa, and taxa that are not identified at least to subspecies or variety level (i.e. forms) are marked as excluded. New publications have been monitored for potential additions and changes since the first version of this list in 1995, although no checks have been made on most taxa as to their taxonomic validity or whether they are correctly identified.
- Where the source information does not provide sufficient locality detail, group names have been used (e.g. Senegambia, for Senegal + Gambia), and where the parts are particularly isolated (e.g. the two major islands belonging to Equatorial Guinea, Fernando Po (Bioko) and Annobón) distribution is recorded separately from mainland Rio Muni. In previous versions intra-country divisions have been used (e.g. South Africa was divided into four regions), but these have now been removed.
- Where there is more than one reference for the occurrence of a taxon in a country, I have not in most cases checked whether the specimens referred to are different. Where I have checked, I have chosen between duplicates by retaining those with: 1) more widely

published references, 2) more authoritative/detailed references, 3) references with wider information.

- All relevant references seen up to the end of November 2006 have been included.
- It has been assumed that if one plant is synonymised with another, then its distribution data can also be transferred. A situation where this approach could cause problems is exemplified by *Rhodobryum spathulatum*, where the type is actually *Bryum aubertii*, but the collections called *Rhodobryum spathulatum* are in fact *Rhodobryum ontariense*. I hope I have managed to identify most of such cases.
- Synonyms are listed in alphabetic sequence with the rest of the names, and not under the valid taxa to which they apply. This means that it may be difficult to work back from a reference to the original name(s) under which it was collected, other than by working from the source document. However, access to resources such as TROPICOS/MOST (<http://mobot.mobot.org/W3T/Search/most.html>) will usually allow the connections to be elicited.
- No distinction has been made between nomenclatural and taxonomic synonyms.
- A number of taxa have been found that do not appear in *Index Muscorum* (1521), or the *Index of Mosses* (80, 1644, 3649, 6072), or in Missouri Botanical Garden's TROPICOS/MOST website (see paragraph above). The status of such taxa is not always clear (although usually *nomina nuda*), but they are all now included as unaccepted taxa, to prevent them getting missed from taxonomic revisions. Taxa that are not accepted for nomenclatural reasons (i.e. they have a type specimen and legal description, but have been given an illegal name) are still included in the list, but replacement names are not yet published.
- No judgement has been made on the age of records - all apparently valid records have been accepted.
- From version 3, the northern boundary of the area covered was extended to include Mauritania and the northern parts of Mali, Niger, and Chad, made possible by the publication of a North African checklist (4565); the northern border is now the same as that of *Index Muscorum*'s 'Africa-2'
- Standard country abbreviations are used, following Hollis & Brummitt (4505), but with additions to cover those areas such as islands and part-countries that are treated here in the same way as countries but by Hollis & Brummitt as sub-divisions of a country.
- Abbreviations of names in taxon authorities follow Brummitt & Powell (4924).
- Journal titles follow Crosby 1999 (5043).

Changes in this version

The main change in this edition is the almost doubling of the number of synonyms and other unaccepted names. These came mostly from *Index Muscorum*, and the rest came from later publications. The sources of the synonyms have all been identified, in many cases with specific page numbers in the references. The reference given is not necessarily the earliest - just a statement of where the synonym came from. I have attempted to provide the earliest published reference, but in some early references *Index Muscorum* is substituted as the source. All the references mentioned are available via the London Natural History Museum library, and the details will also be available via TROPICOS/MOST (including viewing scans of some of the original publications).

Acknowledgements

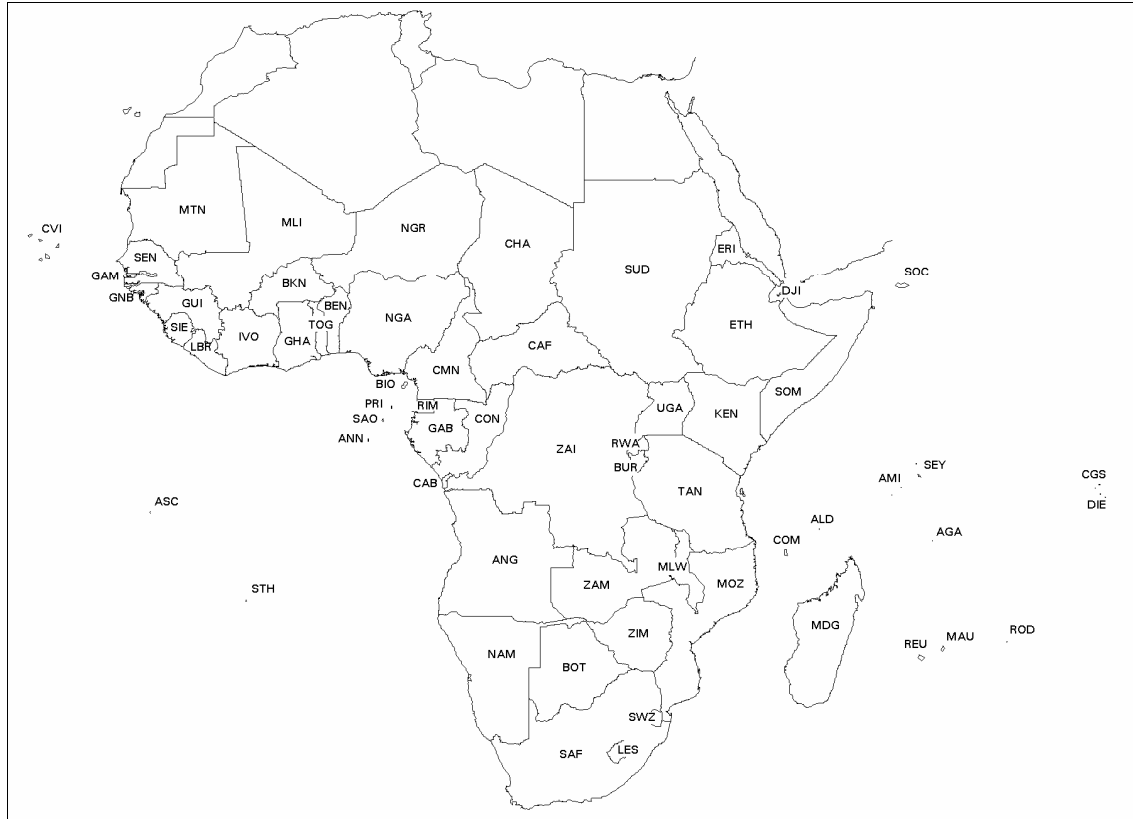
Version 1: I have received assistance on this project from a large number of people, but I would particularly like to thank Len Ellis for the time he has spent in searching out specimens and references, and Martin Wigginton for discussions especially in the early days of the checklist, and many pointers to literature references. Thanks also go to those who have commented on the final family treatments: Ida Bruggeman-Nannenga (Fissidentaceae), Len Ellis (Calymperaceae), Johannes Enroth (Neckeraceae), Allan Fife (Funariaceae), Jan-Peter Frahm (Dicranaceae), Angela Newton (Pterobryaceae), Ryszard Ochyra (Amblystegiaceae, Brachytheciaceae, Grimmiaceae), Philip Sollman (Pottiaceae), Dries Touw (Thuidiaceae s.l.), and to Tamás Pócs, who gave thorough comments on the whole paper in a very short space of time. As I did not always accept the advice given, any mistakes are mine.

Version 2: After the first issue of this Checklist, I received feedback from many people pointing out errors and omissions, and I hope these are all dealt with in this new version.

Version 3: Thanks to Rosa Ros for making the North African checklist [4565] available to me in advance of publication, to many others, some just casual readers, others experts in their own field (including several already thanked in version 1), for discovering errors and pointing out missed references, and to Martin Wigginton for preventing many production errors creeping through.

Version 4: Thanks again to Martin Wigginton for his meticulous attention to detail in reviewing this manuscript, and to Philip Sollman for highlighting a number of areas needing attention in the Pottiaceae. The many changes and additions in this list reflect a very healthy level of activity in both taxonomy and collecting, but there is still a long way to go; I thank all working on the African moss flora for their input, and long may it continue.

Version 5: The addition of all remaining African moss names should now be in this checklist, and this not only sets a baseline for the flora, but it should reduce any doubt people have about whether or not they have seen all the details.

Fig.1. The countries of *Index Muscorum* regions Afr 2, Afr 3 and Afr 4 covered in this checklist.

AGA	Agalega Islands	ERI	Eritrea	RIM	Rio Muni
ALD	Aldabra	ETH	Ethiopia	ROD	Rodrigues
AMI	Amirante Islands	GAB	Gabon	RWA	Rwanda
ANG	Angola	GAM	Gambia	SAF	South Africa
ANN	Annobón Island	GHA	Ghana	SAO	São Tomé
ASC	Ascension Island	GNB	Guinea Bissau	SEN	Senegal
BEN	Benin	GUI	Guinea	SEY	Seychelles
BIO	Bioko (Fernando Po)	IVO	Ivory Coast	SIE	Sierra Leone
BKN	Burkina Faso	KEN	Kenya	SOC	Socotra
BOT	Botswana	LBR	Liberia	SOM	Somalia
BUR	Burundi	LES	Lesotho	STH	St. Helena
CAB	Cabinda	MAU	Mauritius	SUD	Sudan
CAF	Central African Republic	MDG	Madagascar	SWZ	Swaziland
CGS	Chagos Archipelago	MLI	Mali	TAN	Tanzania
CHA	Chad	MLW	Malawi	TOG	Togo
CMN	Cameroon	MOZ	Mozambique	UGA	Uganda
COM	Comoro Islands	MTN	Mauritania	ZAI	Democratic Republic of Congo (former Zaire)
CON	Congo-Brazzaville	NAM	Namibia	ZAM	Zambia
CVI	Cape Verde	NGA	Nigeria	ZIM	Zimbabwe
DIE	Diego Garcia	NGR	Niger		
DJI	Djibouti	PRI	Príncipe		
		REU	Réunion		

Checklist

The list is in alphabetic order of taxon names, whether or not they are accepted taxa, and the unaccepted names (mainly taxonomic and nomenclatural synonyms) are shown inset, in a smaller font, along with comments and excluded species. The assumed family of each genus is shown in Appendix B.

The countries in which a taxon is recorded are shown by a three character abbreviation. These abbreviations are interpreted in Figure 1 and in Appendix A. The numbers in brackets after each country (and after synonyms and unaccepted names) are the literature references, which are translated to 'author+year' in the References section. Those synonyms and unaccepted names added in this version have the literature reference in square brackets []. and those of earlier names are in round brackets ().

***Abietinella abietina* (Hedw.) M.Fleisch. LES(1635,4897), SAF(1531,4897,8328).**

Acanthocladiella albescens (P.de la Varde) H.Rob. & C.F.Reed. Excluded: see notes for *Heterophyllum albescens*.

Acanthocladiella angolensis Dixon, *nom. nud.* = *Rhacopilopsis variegata* (4720: 216)

Acanthocladiella congoana Thér. & Dixon ex P.de la Varde = *Rhacopilopsis variegata* (4720: 216)

Acanthocladiella flexilis (Renauld & Cardot) M.Fleisch. = *Rhacopilopsis variegata* (4720)

Acanthocladiella guineensis (Broth. & Paris) H.Rob. & C.F.Reed = *Rhacopilopsis variegata* (6733)

Acanthocladiella julicaulis (Broth. & Paris) H.Rob. & C.F.Reed = *Rhacopilopsis variegata* (6733)

Acanthocladiella kilimandscharica Broth. & P.de la Varde = *Rhacopilopsis trinitensis* (4720)

Acanthocladiella transvaaliensis Thér. & Dixon in Sim = *Rhacopilopsis trinitensis* (4720)

Acanthocladium afro-nemorosum Broth. ex Paris, *nom. nud.* Excluded: no original specimen stated, but probably related to *Rhacopilopsis*.

Acanthocladium albescens Thér. & P.de la Varde = *Wijkia albescens* [2751: 71]

Acanthocladium albi-alare M.Fleisch., *nom. nud.* = *Heterophyllum albi-alare* [1520] (= *Rhacopilopsis variegata*)

Acanthocladium bessonii (Renauld & Cardot) Broth. ex Paris = *Wijkia bessonii* [2751]

Acanthocladium cuynetii Bizot = *Wijkia cuynetii* (47: 520)

Acanthocladium flexile (Renauld & Cardot) Broth. ex Paris = *Rhacopilopsis variegata* [4720]

Acanthocladium jungneri Broth. = *Wijkia jungneri* (2751)

Acanthocladium jungneri var. *subintegrifolium* P.de la Varde = *Wijkia jungneri* var. *subintegrifolia* [2751]. Note: treated here as *Wijkia jungneri*.

Acanthocladium le-testui Thér. & P.de la Varde = *Wijkia letestui* [2751]

Acanthocladium madagassum Thér. = *Wijkia madagassa* [2751]

Acanthocladium perchlorum M.Fleisch., *nom. nud.* Excluded: an undescribed collection from Tanzania.

Acanthocladium protensum (Renauld & Cardot) Broth. ex Paris = *Wijkia protensa* [2751]

Acanthocladium rigidicaule Broth. Note: a type specimen of this taxon in BM appears to be a *Wijkia*.

Acanthocladium rutenbergii (Geh.) Broth. ex Paris = *Wijkia rutenbergii* [2751]

Acanthocladium rutenbergii var. *eflagellare* Cardot in Grandid. = *Wijkia rutenbergii* var. *eflagellaris* [2751]

Acanthocladium subpilotrichella Broth. ex Paris, *nom. nud.* Excluded: no published distribution.

Acanthocladium subtrichocolea Broth. ex Paris, *nom. nud.* = *Wijkia trichocoleoides* [717]

Acanthocladium trichocolea (Müll.Hal.) Broth. = *Wijkia trichocolea* (2751)

Acanthocladium trichocolea var. *subintegrifolium* Thér. & P.de la Varde = *Wijkia trichocolea* var. *subintegrifolia* [2751]

Acanthocladium trichocoleoides (Müll.Hal.) Broth. = *Wijkia trichocoleoides* (2751)

Acanthocladium trichocoleopsis M.Fleisch., *nom. nud.* Excluded: Fleischer [2737: 1205] mentions this name in a list, suggesting it might be related to *Rhacopilopsis*, but there is no further information, and no original specimen.

Acanthorrhynchium decolor (Besch.) M.Fleisch. = *Acanthorrhynchium papillatum* (3070)

Acanthorrhynchium loucoubense (Besch.) M.Fleisch. = *Acanthorrhynchium papillatum* (3070)

***Acanthorrhynchium papillatum* (Harv.) M.Fleisch. COM(40), MDG(40,2672), SEY(1848,1926,1946,2195,2328,2330,2353,4932).**

Acanthorrhynchium serratum (Renauld & Cardot) M.Fleisch. = *Acanthorrhynchium loucoubense* (1848) (= *Acanthorrhynchium papillatum*)

Acaulon capense Müll.Hal. Excluded: type not found [82: 201]

***Acaulon leucochaete* I.G.Stone SAF(1531,8328).**

Acaulon muticum (Hedw.) Schimp. Excluded: listed for sub-Saharan Africa by *Index Muscorum*, but no records have been found.

Acaulon recurvatum Magill SAF(82,1531,8328).

Acaulon robustum Broth. ex Roth LES(4897).

Acaulon rufochaete Magill = *Microbryum rufochaete* (1420)

Acaulon sphaericum J.Shaw. Excluded: type destroyed and no other specimens known [82: 201].

Acaulon uleanum Müll.Hal. LES(4897).

Acirrhynchium cupressinum Hampe ex Paris = *Rhaphidostegium sphaerotheca* [4250] (= *Sematophyllum subpinnatum*)

Acirrhynchium strangulatum Schimp. ex Müll.Hal., *nom. nud. in synonym.* = *Isopterygium strangulatum* [1521]

Acroceratium Mitt., *nom. nud. in err.* = *Acrocladium* [1521]

Acrocladium aubertii A.Jaeger, *nom. illeg. incl. spec. prior.* = *Catagonium nitens* (40: 229)

Acrocladium mucronatum A.Jaeger = *Catagonium mucronatum* [1521] (= *Catagonium nitens* ssp. *maritimum*)

Acrocladium politum (Hook.f. & Wilson) Mitt. = *Catagonium nitens* var. *nitens* [2857]

Acrocryphaea dusenii M.Fleisch., *nom. nud.* Excluded: see *Cryphaea dusenii* Müll.Hal., *nom. nud.*

Acrocryphaea emarginata Thér. & Naveau ex P.de la Varde, *nom. nud.* Excluded: this taxon, recorded for Central African Republic [47: 502], was not dealt with by Manuel (1291) in his transfer of *Acrocryphaea* to *Schoenobryum*, presumably because it was a *nomen nudum*, and the source (1567) gives no indication on what specimen it was based.

Acrocryphaea latifolia Broth. & P.de la Varde = *Schoenobryum concavifolium* [7157]

Acrocryphaea latifolia var. *microspora* P.de la Varde = *Schoenobryum concavifolium* [7157]

Acrocryphaea madagassa (Geh.) Broth. = *Schoenobryum concavifolium* [7157]

Acrocryphaea plicatula Dixon & Thér. = *Schoenobryum concavifolium* [7157]

Acrocryphaea robusta Broth. in Mildbr. = *Schoenobryum concavifolium* [7157]

Acrocryphaea subintegra (Renauld & Cardot) Broth, ex Paris. = *Schoenobryum concavifolium* [7157]

Acrocryphaea subrobusta (Geh.) Broth. = *Schoenobryum concavifolium* [7157]

Acrocryphaea tisserantii Thér. & P.de la Varde = *Schoenobryum concavifolium* [7157]

Acrocryphaea welwitschii (Duby) Broth. = *Schoenobryum concavifolium* [7157]

Acroporium coppeyi (Cardot) Dixon = *Sematophyllum coppeyi* [1521]

Acroporium depressum Thér. MDG(40).

Acroporium diminutum Brid. SEY(1941,2353).

Acroporium eburense Bizot IVO(4), SIE(3216).

Acroporium incrassatum Dixon & Thér. UGA(46), ZAI(65).

Acroporium laevifolium (Renauld) Broth. MDG(40).

Acroporium lamprophyllum Mitt. SEY(2353), ZAI(2675).

Acroporium lamprophyllum was transferred to *Trichosteleum* by Buck, 1983 (3419), but Tan, 1994 (3283) considered it more correctly placed in *Acroporium*.

Acroporium le-testui P.de la Varde GAB(47), GHA(3072).

Acroporium megasporum (Duby) M.Fleisch. CMN(47), COM(40), GAB(47),

MAU(105,3410), MDG(40), REU(105), RIM(4639), SEY(1926,1941,1946,2353),

TAN(46).

Acroporium megasporum var. *densum* (Renauld & Cardot) Wijk & Margad. MDG(40).

Acroporium megasporum var. *heterodictyon* P.de la Varde GAB(47).

Acroporium pocsii Bizot CMN(47).

Acroporium prionophylax W.R.Buck ZAI(65).

Acroporium punctuliferum (Thwaites & Mitt.) M.Fleisch. = *Acroporium lamprophyllum* (3283)

Acroporium pungens (Hedw.) Broth. RWA(65), ZAI(65).

Acroporium stellatum (Renauld & Cardot) Broth. MDG(40).

Acroporium subluxurians (Dixon & Thér.) B.C.Tan & O'Shea GHA(47), LBR(47).

Actinodontium dusenii Broth. CMN(47).

Actinodontium hirsutum Besch. = *Lepidopilum hirsutum* (1521)

Actinodontium hirsutum var. *ramosum* Besch. = *Lepidopilum hirsutum* (40: 231)

Actinodontium streptopogoneum Broth. ex Paris = *Actinodontium streptopogoneum* [1521]

Actinodontium streptopogoneum Broth. ex Paris CMN(47).

Adelothecium bogotense Hampe MDG(40,1925), TAN(1347).

Aerobryidium lanosulum (Müll.Hal.) M.Fleisch. ex Broth. = *Aerobryopsis capensis* (7168)

Aerobryidium subpiligerum (Hampe) Cardot = *Aerobryopsis capensis* (7168)

Aerobryidium subpiligerum var. *majus* (Renauld & Cardot) Wijk & Margad. Excluded: the owning species of this taxon has been synonymised with *Aerobryopsis capensis*, so its status needs reviewing; the variety has been recorded only from Réunion [105].

Aerobryopsis capensis (Müll.Hal.) M.Fleisch. CMN(47), COM(40), ETH(50), GAB(47),

- GHA(7168), KEN(46,5315,7065), MAU(105,5916), MDG(40), MLW(67), MOZ(3072), NGA(5160,5176), REU(105), RIM(4639), SAF(1531,7766,8328), SEY(1926,1941,2353,4932), TAN(46), ZAI(65,2675), ZAM(46), ZIM(46).
- Aerobryopsis cirrifolia*** (Schwägr.) Broth. ex Paris MAU(105).
Aerobryopsis crispicuspis (Besch.) M.Fleisch. = *Aerobryopsis longissima* [1946: 272]
Aerobryopsis cymatocheilos (Kindb.) Broth. = *Aerobryopsis capensis* (7168)
Aerobryopsis eriocladioides M.Fleisch. *nom. nud.* Excluded: an undescribed specimen from Mozambique.
Aerobryopsis longipendula (Dusén) Broth. = *Aerobryopsis capensis* (7168)
- Aerobryopsis longissima*** (Dozy & Molk.) M.Fleisch. MAU(3072), SEY(1926,1946,1947,2322,2328,2353,4932).
Aerobryopsis longissima (Dozy & Molk.) M.Fleisch. was synonymised with *Aerobryopsis wallichii* in version 2 of this checklist based on Noguchi (2588). However, this overlooked Townsend's 1978 proposal that the type of *Aerobryopsis wallichii* belongs to *Aerobryidium* (4161), which is supported by Buck (2759). The name *Aerobryopsis longissima* is thus re-instated.
Aerobryopsis pseudocapensis (Ångstr.) M.Fleisch. = *Aerobryopsis subpiligera* [1848: 357] (= *Aerobryopsis capensis*)
Aerobryopsis pseudocapensis var. *majus* (Renauld & Cardot) Renauld & Cardot. Note: this valid taxon from Madagascar has not been re-assessed, but is likely to be a synonym of *Aerobryopsis capensis*.
Aerobryopsis subpiligera (Hampe) M.Fleisch. = *Aerobryopsis capensis* (7168)
Aerobryopsis trachyptera (Müll.Hal. ex Dusén) Broth. = *Aerobryopsis capensis* (7168)
Aerobryopsis wallichii (Brid.) M.Fleisch. = *Aerobryopsis longissima* (4161). Note: see under *Aerobryopsis longissima*.
Aerobryum capense (Müll.Hal.) Müll.Hal. = *Aerobryopsis capensis* (1521)
Aerobryum capense var. *rupestre* Müll.Hal. = *Aerobryopsis capensis* (1519: 581)
Aerobryum capillcaule Renauld & Cardot = *Barbella capillcaulis* (1521)
Aerobryum crispicuspis Besch. = *Aerobryopsis longissima* [1946: 272]
Aerobryum cymatocheilos Kindb. = *Aerobryopsis capensis* (7168)
Aerobryum lanosulum Müll.Hal. = *Aerobryopsis capensis* (7168)
Aerobryum longipendulum (Dusén) Paris = *Aerobryopsis capensis* (7168)
Aerobryum nanopteris Paris, *nom. nud.* Excluded: an undescribed collection (Dusén 268) from Cameroon.
Aerobryum pseudocapense (Ångstr.) Besch. = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)
Aerobryum pseudocapense var. *majus* Renauld & Cardot Note: see under *Aerobryopsis pseudocapensis* var. *majus*.
Aerobryum subpiligerum (Hampe) Müll.Hal. = *Aerobryopsis capensis* (7168)
Aerobryum trachypterum (Müll.Hal. ex Dusén) Paris = *Aerobryopsis capensis* (7168)
- Aerolindigia capillacea*** (Hornsch.) M.Menzel ETH(111), MDG(40), RWA(65), UGA(46,4282), ZAI(65).
- Aloina bifrons*** (De Not.) Delgad. SAF(1531,8328).
- Aloina brevisrostris*** (Hook. & Grev.) Kindb. LES(4897), ZIM(61).
Aloina pilifera (De Not.) H.A.Crum & Steere = *Aloina bifrons* (81)
- Aloina rigida*** (Hedw.) Limpr. CHA(4507,4534,4565), CVI(2666,6453), DJI(1569), KEN(411).
Aloina rigida sensu Sim, Bryol. S. Afr. 233 (1926), non (Hedw.) Limpr. (1888) = *Aloina bifrons* (82: 193)
Alsia smithii (Hedw.) Lindb. ex Braithw. = *Leptodon smithii* [1521]
Amblystegium afrofluitans (Müll.Hal.) Sim = *Leptodictyum riparium* (53: 21) (= *Amblystegium riparium*)
Amblystegium afroserpens Müll.Hal. ex Paris, *nom. nud.* Excluded: no published distribution.
- Amblystegium camisassae*** Tosco & Piovano KEN(46).
Amblystegium capense Dixon in Sim, *nom. nud. in synonym.* = *Rhynchostegiella zeyheri* [1911]
- Amblystegium chalaropelma*** Müll.Hal. ex Renauld MDG(40).
Amblystegium chloropelma Müll.Hal. ex C.H.Wright, *nom. nud.* = *Amblystegium chalaropelma* [4097: 103]
Amblystegium filiforme Wager & C.H.Wright = *Pseudoleskea leskeoides* [1911: 383]
Amblystegium fluitans (Hedw.) De Not. = *Drepanocladus fluitans* [1521] (= *Warnstorfia fluitans*)
Amblystegium pinnatulum Rehmann ex Kindb., *nom. nud.* Excluded: no published distribution.
Amblystegium polygamum Bruch & Schimp. = *Campylium polygamum* [1521] (= *Drepanocladus polygamus*)
- Amblystegium riparium*** (Hedw.) Bruch, Schimp. & W.Gümbel BIO(8180), BOT(1531), CVI(2666), KEN(46,6614), LES(4897), MDG(40), MLW(67), SAF(1531,8328), ZAI(65), ZAM(46), ZIM(46).
Amblystegium riparium fo. *elongatum* (Bruch, Schimp. & W.Gümbel) Mönk. Excluded: records for this form have been associated with the owning species.
Amblystegium riparium var. *rivulare* Dixon & Gepp, *nom. nud.* = *Leptodictyum riparium* [1911] (= *Amblystegium riparium*)
- Amblystegium serpens*** var. *serpens* (Hedw.) Bruch, Schimp. & W.Gümbel KEN(2661), UGA(46).
Amblystegium uncinatum (Hedw.) De Not. = *Drepanocladus uncinatus* [1521] (= *Sanionia uncinata*)
- Amphidium aloysii-sabaudiae*** G.Negri UGA(46).

- Amphidium cyathicarpum* (Mont.) Broth. = *Amphidium tortuosum* (1801: 20)
- Amphidium lapponicum*** (Hedw.) Schimp. LES(1494,1531,4897), SAF(1494,1531,8328).
- Amphidium le-testui*** Thér. & P.de la Varde GAB(47), ZAI(65).
- Amphidium tortuosum*** (Hornsch.) Cufod. BIO(8180), CMN(47), ETH(50), KEN(46,3412,5315,5923), LES(1494,1531,4897,5923), REU(4928), SAF(1531,4897,8328), TAN(46), UGA(46), ZAI(65,5923).
- Amphoridium africanum* Müll.Hal. ex Paris, *nom. nud.* Excluded: no published distribution.
- Amphoridium cyathicarpum* (Mont.) A.Jaeger = *Amphidium tortuosum* (1519: 487)
- Amphoridium kilima-n-djaricum* Paris = *Amphidium cyathicarpum* [4872: 17] (= *Amphidium tortuosum*)
- Amphoridium kilimandscharicum* (Müll.Hal.) Kindb. = *Amphidium cyathicarpum* [4872: 17] (= *Amphidium tortuosum*)
- Amphoridium lapponicum* (Hedw.) Schimp. = *Amphidium lapponicum* (1519: 489)
- Amphoridium semense* Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection from Ethiopia (*Amphoridium* is a synonym of *Amphidium*).
- Amphoridium subcyathicarpum* Paris, *nom. nud.* = *Amphidium cyathicarpum* [6568: 202] (= *Amphidium tortuosum*)
- Anacalypta apiculata* Kiaer ex Kindb., *nom. nud.* = *Barbula kiaeri* [10: 409] (= *Barbula indica* var. *indica*)
- Anacalypta recurvirostris* (Hedw) Nees & Hornsch. = *Bryoerythrophyllum recurvirostre* [1521]
- Anacamptodon africanus*** P.de la Varde CAF(47), NGA(4314,5176), TAN(46), ZAI(5925).
- Anacamptodon fabronioides* Welw. & Duby = *Schwetschkea fabronioides* (1521)
- Anacamptodon marginatus*** (Dixon) W.R.Buck SAF(114).
- Anacamptodon minimus*** W.R.Buck ZAI(114).
- Anacolia abyssinica* (Müll.Hal.) Flowers, *hom. illeg.* = *Flowersia abyssinica* (182: 372)
- Anacolia abyssinica* Schimp. = *Anacolia laevisphaera* (4500)
- Anacolia breutelii*** var. *breutelii* (Müll.Hal.) Magill LES(1531,4897), SAF(1531,8328).
- Anacolia breutelii*** var. *squarriifolia* (Sim) Magill LES(1531), SAF(1531,8328).
- Anacolia cameruniae*** Dixon CMN(47), TAN(46).
- Anacolia laevisphaera*** (Taylor) Flowers in Grout CMN(47), CVI(2666,6453), ETH(1927), KEN(46,5315), REU(105), RWA(65), SUD(1419), TAN(46), UGA(46), ZAI(65).
- Anacolia scioana*** (Brizi) Broth. ETH(50).
- Anacolia webbii*** (Mont.) Schimp. ETH(50).
- Anacolia webbii* (Mont.) Schimp. Excluded: see Fransen 2004 [7829: 79]; the type of *Bartramia brachypus* contains some *Anacolia*, but the type description is clearly that of the *Bartramia brachypus* element, not that of *Anacolia*. The distribution data has thus transferred.
- Andreaea acutifolia*** ssp. *acutifolia* Hook f. & Wilson LES(4897), MLW(6087), SAF(4897,8328).
- Andreaea acutifolia* varieties. Note: African collections have been referred to var. *acutifolia*, although this species (and the genus) is in need of revision in Africa.
- Andreaea alpestris*** Thed. LES(4897), SAF(4897).
- Andreaea alpina*** Hedw. LES(4897), SAF(4897,8328).
- Andreaea alpina* Hedw. = *Andreaea rupestris* [5983]
- Andreaea alticaulis* Broth. = *Andreaea mildbraedii* (287)
- Andreaea bistratosa*** Magill SAF(1531,8328).
- Andreaea borbonica*** Besch. MLW(6087), REU(105).
- Andreaea camerunensis*** P.W.Richards CMN(47).
- Andreaea cucullata*** Dixon KEN(46,3412,5315), TAN(46).
- Andreaea dicranoides* R.Br.bis = *Andreaea subulata* [4340: 351]
- Andreaea firma*** Müll.Hal. KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).
- Andreaea kilima-n-djarica* Paris = *Andreaea mildbraedii* [287]
- Andreaea kilimandscharica* Paris & Broth. = *Andreaea mildbraedii* (287)
- Andreaea mildbraedii*** Broth. KEN(46,3412), RWA(46,65), TAN(46), UGA(46), ZAI(65), ZIM(46).
- Andreaea nitida*** Hook.f. & Wilson MLW(6087), SAF(1531,8328).
- Andreaea obovata*** Thed. KEN(46), MLW(6087), RWA(65), TAN(46), ZAI(65).
- Andreaea rupestris* var. *capensis* Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Andreaea rupestris* [1911: 133]
- Andreaea rupestris*** var. *rupestris* Hedw. LES(1531), SAF(1531,8328), TAN(1410), ZIM(61).
- Andreaea squamosa* Mitt. Note: this taxon occurs only in South America, and is mentioned for 'Afr 4' in error in *Index Muscorum*.
- Andreaea striata* Müll.Hal., *hom. illeg.* = *Andreaea kilimandscharica* [4250] (= *Andreaea mildbraedii*)

- Andreaea substriata* Kindb., *nom. nud.* Excluded: no specimen known.
- Andreaea subulata*** Harv. in Hook. MDG(40), MLW(6087), SAF(1531,8328), UGA(46).
- Andreaea tsaratananae*** Thér. MDG(40), REU(105).
- Andreaea rupestris* var. *capensis* Rehmann ex Dixon & Gepp, *nom. nud.* Excluded: Magill [82] does not include this variety in his treatment of *Andreaea rupestris*, but comments on the species' variability and its wide distribution.
- Anictangium ciliatum* Hedw. = *Hedwigia ciliata* (1519: 544)
- Anictangium compactum* Aongstr. ex Fries, *nom. illeg. incl. spec. prior.* = *Anoetangium compactum* [1521] (= *Anoetangium aestivum*)
- Anictangium humboldtii* Hook. = *Rhacocarpus purpurascens* [10: 721]
- Anictangium imberbe* (Sm.) Hook. & Taylor = *Hedwigidium integrifolium* [8254: 14]
- Anictangium lapponicum* Hedw. = *Amphidium lapponicum* (1519: 489)
- Anictangium repens* Hook. = *Gigaspermum repens* (83: 299)
- Anictangium secundum* (Hook.) Hook. = *Braunia secunda* (1519: 547)
- Anisostichium tozeri* (Grev.) Mitt. = *Epipterygium tozeri* [1521]
- Anisothecium cardotii*** (R.Br.bis) Ochyra LES(1074,1531,4897), REU(6859,8028), SAF(1500,1531,8328).
- Anisothecium horridum*** P.de la Varde CAF(47).
- Anisothecium madagassum*** Thér. MDG(40).
- Anisothecium natalense* P.de la Varde = *Dicranella subsubulata* (82: 121)
- Anisothecium pallidisetum* P.de la Varde = *Fissidens gladiolus* (2088)
- Anisothecium symonsii* (Dixon) Broth. = *Dicranella symonsii* (1531: 22) (= *Anisothecium cardotii*)
- Anisothecium ugandae*** P.de la Varde RWA(65), TAN(46), UGA(46), ZAI(65).
- Anoetangium abyssinicum* Hampe ex Geh. = *Anoetangium schimperi* (50: 222)
- Anoetangium aestivum*** (Hedw.) Mitt. CAF(47), CMN(47), CVI(2666,6453), IVO(1458), MLW(6087), REU(2653), SOC(7778), SUD(1419), TAN(46), TOG(1878), ZAI(5319).
- Anoetangium afrocompactum*** Müll.Hal. ex Dusén CMN(47).
- Anoetangium assimilis* Broth. & Wager = *Anoetangium wilmsianum* (82: 181)
- Anoetangium balfourei* Mitt. = *Semibarbula orientalis* [7878] (= *Barbula indica*)
- Anoetangium basalticum* Dusén = *Anoetangium euchlorum* [2737] (= *Anoetangium aestivum*)
- Anoetangium borbonense*** Besch. COM(40), MAU(105), NGA(334), REU(105).
- Anoetangium brotherusii*** Kis KEN(46), MLW(67), TAN(46).
- Anoetangium caespitiicum* (F.Weber & D.Mohr) Schwaegr. Excluded: see note under *Gymnostomum caespitiicum*.
- Anoetangium compactum* Schwaegr., *nom. illeg. incl. spec. prior.* = *Anoetangium aestivum* [1521]
- Anoetangium dusenii* Müll.Hal. ex Paris, *nom. nud. in synon.* = *Anoetangium euchlorum* [4250] (= *Anoetangium aestivum*)
- Anoetangium euchlorum* (Schwägr.) Mitt. = *Anoetangium aestivum* (6372: 243).
- Anoetangium euchlorum*** var. *laxum* P.de la Varde CAF(47).
- Anoetangium euchlorum* var. *laxum* P.de la Varde. Note: the owning species of this variety has been transferred to *Anoetangium aestivum* (6372: 243): this taxon is also in need of revision.
- Anoetangium euclorum* Besch., *nom. nud.* = *Anoetangium rufoviride* var. *euclorum* [1521]
- Anoetangium eukilimandscharicum*** Dixon TAN(46).
- Anoetangium flexuosum*** G.Negri UGA(46).
- Anoetangium flexuosum*** var. *gracile* G.Negri UGA(46).
- Anoetangium fuscum*** G.Negri UGA(46).
- Anoetangium hanningtonii*** Mitt. TAN(46), ZAM(62).
- Anoetangium humblotii*** Renauld & Cardot COM(40).
- Anoetangium humboldtianum* Breutel ex Paris, *nom. nud.* = *Rhacocarpus rehmannianus* [1911: 353]
- Anoetangium humboldtii* (Hook.) Brid. = *Rhacocarpus purpurascens* [10: 721]
- Anoetangium impressum*** Hampe MDG(40).
- Anoetangium integrifolium* (P.Beauv.) Schwaegr. = *Hedwigidium integrifolium* [1521]
- Anoetangium keniae*** (P.de la Varde) R.H.Zander KEN(46).
- Anoetangium kilimandjaricum* Paris = *Anoetangium hanningtonii* [5490: 125]
- Anoetangium kilimandscharicum* Broth., *hom. illeg.* = *Anoetangium eukilimandscharicum* (5490: 125)
- Anoetangium kilimandscharicum* var. *minutum* Broth. Note: this variety was not included in the new synonymy proposed by Dixon to replace the illegitimate name *Anoetangium kilimandscharicum*, and so remains as a validly published taxon, belonging to an illegitimately named species. According to Kis (46), the taxon is a synonym of *Anoetangium eukilimandscharicum*, but Zander (1420) lists it still as a valid taxon.
- Anoetangium kilimandscharicum*** var. *minutum* Broth. TAN(5082).
- Anoetangium madagassum*** Renauld & Paris MDG(40).
- Anoetangium mafatense*** Renauld & Cardot REU(105), UGA(46), ZAI(65).
- Anoetangium mamabolense* Rehmann ex Kindb., *nom. nud.* = *Anoetangium wilmsianum* [1911: 267]

- Anoetangium mariei* Besch. = *Semibarbula indica* [1848: 215] (= *Barbula indica* var. *indica*)
Anoetangium nigerianum Broth. & Paris MLI(47).
Anoetangium nossibeanum Besch. ex Cardot, *nom. nud. in synon.* = *Semibarbula orientalis* [1848: 215] (= *Barbula indica*)
Anoetangium paucidentatum Müll.Hal. = *Didymodon paucidentatus* (1521) (= *Bryoerythrophyllum campylocarpum*)
Anoetangium pusillum Mitt., *hom. illeg.* = *Anoetangium hanningtonii* [7142: 445]
Anoetangium raphidorrhynchium Müll.Hal. ex Besch., *nom. nud.* = *Anoetangium raphidostegium* (1521)
Anoetangium raphidostegium Besch. COM(40), REU(105).
Anoetangium rufoviride Besch. COM(40), ERI(50), MDG(40).
Anoetangium rufoviride var. *eucollum* Besch. COM(40).
Anoetangium scabrum Broth. = *Anoetangium hanningtonii* [5022: 76]
Anoetangium schimperi Mitt. ETH(50).
Anoetangium secundum (Hook.) Steud. = *Braunia secunda* [687: 234]
Anoetangium sellae G.Negri UGA(46).
Anoetangium spathulatum Mitt. CMN(47), NGA(5176).
Anoetangium stuhlmannii Broth. = *Semibarbula stuhlmannii* (1521) (= *Barbula indica*)
Anoetangium taeniatifolium (Herzog) M.O.Hill CVI(2666).
Anoetangium tenerrimum Broth ex Micheletti., *nom. nud.* Excluded: an undescribed collection from Eritrea, but no specimen known [50].
Anoetangium torquatum Broth., *hom. illeg.* = *Anoetangium brotherusii* (45)
Anoetangium viridatum (Müll.Hal.) Paris = *Ceratodon viridatus* (1521) (= *Ceratodon purpureus* var. *stenocarpus*)
Anoetangium wilmsianum (Müll.Hal.) Paris LES(1531,4897), SAF(1531,4897,8328).
Anomobryum abyssinicum (Schimp.) A.Jaeger = *Anomobryum filiforme* var. *abyssinicum* (1521) (= *Anomobryum julaceum* var. *abyssinicum*)
Anomobryum afrojulaceum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 295) from Cameroon.
Anomobryum auratum (Mitt.) A.Jaeger CMN(23), KEN(46), MLW(23,67), TAN(46,1404), UGA(46), ZAI(23,65), ZAM(62).
Anomobryum compressulum (Müll.Hal.) Broth. KEN(46), TAN(46), UGA(46).
Anomobryum cygnicollum (Müll.Hal.) Hampe ex A.Jaeger ERI(50).
Anomobryum drakensbergense Van Rooy LES(1531,4897), SAF(1531,8328).
Anomobryum filiforme (Dicks.) Husn., *hom. illeg.* = *Anomobryum julaceum* [71: 629]
Anomobryum filiforme var. *abyssinicum* (Schimp.) Broth. = *Anomobryum julaceum* var. *abyssinicum* [71: 629]
Anomobryum filiforme var. *madagassum* Renauld & Cardot MDG(40).
Anomobryum filiforme var. *madagassum* Renauld & Cardot. Note: this variety presumably belongs to *Anomobryum julaceum*, following the synonymisation of *Anomobryum filiforme* [71: 629].
Anomobryum julaceum var. *abyssinicum* Schimp. ERI(50), ETH(50).
Anomobryum julaceum var. *julaceum* (P.Gaertn., B.Mey. & Scherb.) Schimp. ANG(46), BIO(8180), CMN(23,47), COM(40), CVI(2666,6453), ETH(23,50,111,1927,6137), KEN(23,46,3412,5315,6615), LES(1531,4897), MDG(23,40), MLW(23,67), RWA(46,65), SAF(23,1531,4897,7766,8328), SOC(40,1626,2374,5613), SUD(1419), TAN(46), UGA(46), ZAI(65,5319), ZIM(23,46,61).
Anomobryum julaceum var. *juliforme* (Solms.) Husn. = *Anomobryum julaceum* [71: 629]
Anomobryum juliforme Solms. = *Anomobryum julaceum* [71: 629]
Anomobryum laceratum (Besch.) Broth. REU(23,105).
Anomobryum laceratum var. *comorense* (Besch.) Paris COM(40).
Anomobryum latirete Dixon = *Anomobryum minutirete* (45)
Anomobryum longisetum Thér. = *Bryum filiforme* (23) (= *Anomobryum julaceum*)
Anomobryum maclennanii Broth. = *Anomobryum sulcatum* (46) (= *Anomobryum auratum*)
Anomobryum minutirete (Müll.Hal.) Kis ETH(1927), KEN(23,46), TAN(23,46).
Anomobryum perimbricatum (Broth.) Broth. CMN(47).
Anomobryum procerrimum Rehm ex Paris, *nom. nud.* = *Anomobryum promontorii* [6793: 70] (= *Anomobryum julaceum*)
Anomobryum promontorii (Müll.Hal.) Dixon = *Anomobryum julaceum* (23)
Anomobryum robustum Dixon, *hom. illeg.* (non Broth. ex Herzog) = *Anomobryum maclennanii* (1521) (= *Anomobryum auratum*)
Anomobryum spongiosum (Welw. & Duby) A.Jaeger = *Philonotis spongiosa* (1521)
Anomobryum sulcatum Thér. & P.de la Varde = *Bryum auratum* (23) (= *Anomobryum auratum*)
Anomodon clavirameus (Müll.Hal.) A.Jaeger = *Pseudoleskeopsis claviramea* [1521]
Anomodon curtipendulus (Hedw.) Hook. & Taylor = *Antitrichia curtipendula* [1521] Note: see *Antitrichia kilimandscharica*.

- Anomodon devolutus* Mitt. = *Herpetineuron toccoe* [5063: 363]
Anomodon ecklonii Hampe ex A.Jaeger, *nom. nud.* Excluded: a collection from Table Mountain in the Western Cape of South Africa, but not identified to an accepted taxon, and does not belong to *Anomodon*.
Anomodon exilis Mitt. = *Anomodon pseudotrists* (4464)
Anomodon filivagus Müll.Hal. = *Leskea filivaga* (1521)
Anomodon gracilis (Hedw.) Garov. = *Pterogonium gracile* (1519: 556)
Anomodon grateloupii Mont. = *Schwetschkea grateloupii* [1521]
Anomodon leikipiae Müll.Hal. = *Pseudoleskea leikipiae* (1521)
Anomodon leskeoides Paris = *Pseudoleskea macowaniana* [1911: 383] (= *Pseudoleskea leskeoides*)
Anomodon macleai Rehmman ex Kindb., *nom. nud. orthogr.* = *Anomodon macleanus* [1521] (= *Triquetrella tristicha*)
Anomodon macleanus Rehmman ex Gepp & Dixon = *Triquetrella tristicha* [1911: 251]
Anomodon pseudoattenuatus (Müll.Hal.) A.Jaeger = *Pseudoleskea pseudoattenuata* [1521]
Anomodon pseudotrists (Müll.Hal.) Kindb. KEN(46), MAU(105), REU(5440,8028), ROD(105,4931), SAF(1531,4464,7766,8328), SWZ(4418), TAN(46).
Anomodon robustus Rehmman ex Kindb., *nom. nud.* = *Herpetineuron toccoe* [5063: 363]
Anomodon toccoe Sull. & Lesq. = *Herpetineuron toccoe* [1521]
Anomodon tristichus Schimp. ex A.Jaeger = *Tristichella tristicha* [1521]
Anomodon tristis (Ces.) Sull. & Lesq. Note: it is likely that the collections recorded from Kenya of this taxa were misidentified, and they have been transferred to *Anomodon pseudotrists* (5214).
Anomodon tristis (Ces.) Sull. & Lesq. REU(6859,8028).
Antitrichia abyssinica Schimp. ex Paris, *nom. nud.* = *Antitrichia curtispindula* (50: 235) Note: see *Antitrichia kilimandscharica*.
Antitrichia curtispindula (Hedw.) Brid. Note: specimens given this name in Africa have been referred to *Antitrichia kilimandscharica* (804)
Antitrichia kilimandscharica Broth. ETH(50,1927), KEN(46,136,3412,5315,6614), RWA(65), TAN(46), UGA(46), ZAI(65,5319).
Aongstroemia abruptifolia Hampe = *Dicranella subsubulata* (82: 121)
Aongstroemia afro-exigua (Dusén) Müll.Hal. = *Microdus afro-exiguus* [1521] (= *Leptotrichella afro-exigua*)
Aongstroemia ampullacea (Dusén) Müll.Hal. = *Microdus ampullaceus* [1521] (= *Leptotrichella ampullacea*)
Aongstroemia bella Müll.Hal. ex Paris, *nom. nud. in synon.* = *Dicranella bella* [1521]
Aongstroemia borbonica (Besch.) Müll.Hal. = *Dicranella borbonica* [1521]
Aongstroemia borgeniana Hampe = *Dicranella subsubulata* (82: 121)
Aongstroemia brevipes Hampe ex Besch. = *Aongstroemia filiformis* [1338: 116]
Aongstroemia condensata (Aongstr.) Müll.Hal. = *Dicranella condensata* [1521] (= *Dicranella proscripta*)
Aongstroemia euphoroclada Müll.Hal. = *Campylopodium euphorocladum* [1521] (= *Campylopodium medium*)
Aongstroemia falcicaulis Müll.Hal. = *Aongstroemia vulcanica* [1911: 157] (= *Aongstroemia filiformis*)
Aongstroemia falcularia (Dusén) Müll.Hal. = *Dicranella falcularia* [1521]
Aongstroemia filiformis (P.Beauv.) Wijk & Margad. LES(1074), MDG(40,1925), MLW(67,6087), REU(105,1925), SAF(1531,4897,8328), TAN(46), ZIM(61).
Aongstroemia flavipes (Besch.) Müll.Hal. = *Dicranella flavipes* [1521]
Aongstroemia gymnomitrioides Dixon = *Cladophascum gymnomitrioides* [1521]
Aongstroemia heteromalla (Hedw.) Müll.Hal. = *Dicranella heteromalla* [1521]
Aongstroemia jamaicensis Müll.Hal. = *Aongstroemia filiformis* (1338)
Aongstroemia julacea (Hook.) Mitt. KEN(5315), LES(1531,4897), MDG(40), MLW(67,6087), REU(105), SAF(1531,4897,8328), TAN(46), UGA(7353).
Aongstroemia ligulifolia Müll.Hal. = *Microdus ligulifolius* [1521] (= *Leptotrichella ligulifolia*)
Aongstroemia (Besch.) Müll.Hal. = *Microdus minutus* [4800: 182] (= *Leptotrichella minuta*)
Aongstroemia lutaria (Besch.) Müll.Hal. = *Microdus lutarius* (= *Leptotrichella lutaria*)
Aongstroemia macleai Rehmman ex Kindb., *nom. nud.* = *Aongstroemia subcompressa* [1911: 159]
Aongstroemia macleana Rehmman ex Paris, *nom. nud.* = *Aongstroemia vulcanica* [1911: 157] (= *Aongstroemia filiformis*)
Aongstroemia minuta Hampe = *Microdus minutus* [1521: 82: 124] (= *Leptotrichella minuta*)
Aongstroemia nodicoma (Dusén) Müll.Hal. = *Dicranella nodicoma* [1521]
Aongstroemia orthocarpa Mitt. ex J.Shaw, *nom. nud.* Excluded: no specimen known.
Aongstroemia pervilleana (Besch.) Müll.Hal. = *Dicranella pervilleana* [1521]
Aongstroemia subcompressa Müll.Hal. Note: this taxon was included in Magill and Schelpe's checklist for southern Africa (53), but not mentioned later in either the subsequent checklist (1531) or in Magill's treatment of the genus (82).
Aongstroemia subcompressa Müll.Hal. SAF(53).
Aongstroemia subcompressa* var. *sabuletorum P.de la Varde SAF(4264).
Aongstroemia subsubulata Hampe ex Müll.Hal. = *Dicranella subsubulata* [1521: 82: 121]
Aongstroemia transvaaliensis Müll.Hal. = *Aongstroemia filiformis* (82: 118)
Aongstroemia vulcanica (Brid.) Müll.Hal. = *Aongstroemia filiformis* [4382: 125; 82: 118]
Aongstroemiopsis julacea (Dozy & Molk.) M.Fleisch. LES(1074,1531).
Apalodictyum minutirete Müll.Hal., *orthog. err.* = *Anomobryum minutirete* [45]

- Apalodium australe* (Hook.f. & Wilson) Mitt. = *Orthodontium lineare* [6653: 28]
Apalodium lineare (Schwaegr.) Mitt., *hom. illeg.* = *Orthodontium lineare* [1521]
Aphanorrhagma aubertii (Besch.) Kindb. = *Physcomitrium aubertii* [1521]
Aphanorrhagma magdalenae (De Sloover) Ochyra. Note: see *Physcomitrella patens* ssp. *magdalenae*. *Aphanorrhagma* is only found in the neotropics (Fife, pers. comm.).
Aphanorrhagma niloticum (Delile) Lindb. ex Lorentz = *Micropoma niloticum* [1521] (= *Physcomitrium niloticum*)
Aptychopsis pyrrophylla (Müll.Hal.) Wijk & Margad. Note: this species, previously regarded as endemic to Brazil, was recorded three times for Togo in 1982 by Tixier (2851), who also stated that it was found in Gabon, Central African Republic and Mauritius; there must be a possibility that this was a misidentification and further investigation is necessary before this can be accepted.

***Aptychopsis pyrrophylla* (Müll.Hal.) Wijk & Margad. TOG(2851).**

- Aptychus asperulifolius* Müll.Hal. ex Paris, *nom. nud.* = *Rhapidostegium asperulifolium* Paris, *nom. nud.* Excluded: an unpublished collection (*Dusén 14*) from Cameroon.
Aptychus brachytheciiforme (Broth.) Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum brachytheciiforme* [1521]
Aptychus chrysotis Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Aptychus dicnemonella Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Aptychus fluminalis Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Aptychus glutinosus (Broth.) Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Aptychus lamprocladus Müll.Hal. ex Paris, *nom. nud.* = *Rhapidostegium lamprocladum* Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 21*) from Cameroon.
Aptychus leptobolax Müll.Hal. ex Paris, *nom. nud.* = *Rhapidostegium leptobolax*, *nom. nud.* Excluded: an undescribed (*Dusén 700*) collection from Cameroon.
Aptychus perlaxus Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Aptychus rehmannii Müll.Hal. = *Rhaphidorrhynchium dregei* [1911: 435] (= *Sematophyllum dregei*)
Aptychus reichardtii Müll.Hal. = *Sematophyllum brachycarpum* [1911: 435]
Aptychus rivuletorum Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum rivuletorum* [1521]
Aptychus sarcophyllum Müll.Hal. ex Paris, *nom. nud.* = *Potamium sarcophyllum* Müll.Hal., *nom. nud.* [1521]. Excluded: an undescribed collection (*Dusén s.n.*) from Cameroon.
Aptychus sauloma Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Aptychus sphaeropyxis Müll.Hal. = *Sematophyllum sphaeropyxis* [1521]
Aptychus subcurvulus Müll.Hal. ex Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Archidiella dinteri Irmsch. = *Archidium dinteri* (82: 72)

***Archidium acanthophyllum* Snider NGA(6263), SAF(1531,8328), SWZ(4418), ZAI(30,65), ZAM(62), ZIM(61,5525).**

- Archidium africanum* Mitt. = *Archidium ohioense* (1471)
Archidium alternifolium (Hedw.) Schimp. Note: all specimens given this name from Africa south of the Sahara should be referred to *Archidium ohioense* (1471)

***Archidium amplexicaule* Müll.Hal. MLW(6087), SAF(1531,8328).**

***Archidium andersonianum* Snider SAF(1531,8328).**

***Archidium brevinerve* P.de la Varde GAB(30,47).**

- Archidium campylopodium* Müll.Hal. = *Archidium capense* (82: 78)

***Archidium capense* Hornsch. LES(1531,4897), REU(8028), SAF(1531,8328), ZAI(65).**

- Archidium chryso sporum* Schimp. ex A.Jaeger = *Archidium amplexicaule* (82: 80)
Archidium compactum fo. *tenior* Müll.Hal. *nom. nud.* = *Archidium capense* (82: 78)
Archidium compactum Müll.Hal. ex Paris, *nom. nud.* = *Archidium alternifolium* [1911: 140] (= *Archidium ohioense* - see note under *Archidium alternifolium*)

***Archidium dinteri* Irmsch. NAM(30,1531,7155).**

- Archidium ecklonianum* Hampe ex Roth., *orthog. err.* = *Archidium ecklonii* [1521] (= *Pleuridium ecklonii*)
Archidium ecklonii Hampe ex Mitt. = *Pleuridium ecklonii* (30)
Archidium falcatulum Müll.Hal. ex Kindb., *nom. nud.* = *Archidium alternifolium* [1911: 140] (= *Archidium ohioense* - see note under *Archidium alternifolium*)
Archidium globiferum (Brid.) Frahm = *Archidium ohioense* (4302). Note: Frahm & Porembski reverse the synonymisation given in their earlier paper (1458).
Archidium johannis-negrii Tongiorgi. Excluded: Snider (30) states that this taxon (from Eritrea (50)) is not an *Archidium*, and probably a member of the Bryaceae.

***Archidium julicaule* Müll.Hal. LES(1531), SAF(1531,8328).**

- Archidium julicaule* Müll.Hal. = *Pleuridium nervosum* [1911: 141] Note: but see Potier de la Varde [4264: 3] who agrees that the gametophytes are similar, but points out that the sporophytes are significantly different.

- Archidium laterale* Bruch = *Archidium alternifolium* [1911: 140] (= *Archidium ohioense* - see note under *Archidium alternifolium*)
- Archidium laxirete*** P.de la Varde CAF(30,47).
Archidium leptophyllum P.de la Varde = *Archidium ohioense* (1471)
- Archidium microthecium*** Dixon & P.de la Varde MLW(6087), NAM(1531,7155), SAF(1531,8328), TAN(30,46), ZAM(411).
- Archidium muellerianum*** Snider SAF(1531,8328), ZIM(61).
- Archidium ohioense*** Schimp. ex Müll.Hal. BEN(4302), BKN(1423), CAF(30,47), IVO(63,1458), KEN(46), LES(1531), MAU(30), MLI(30,47), MLW(67), NAM(30,1531,7155), NGA(334,1492), NGR(79), REU(8028), SAF(1531,4418,4670,8328), SOM(30), SWZ(1531), TAN(46), TOG(58,1878), ZAM(62), ZIM(61,5525).
Archidium pellucidum Dixon ex Sim = *Archidium ohioense* (82: 74)
Archidium petrophilum P.de la Varde = *Archidium ohioense* (1471)
Archidium petrophilum var. *rogeoni* Thér. = *Archidium ohioense* [1471]
Archidium phascoides Brid., *nom. illeg. incl. spec. prior.* = *Archidium alternifolium* (1521) (= *Archidium ohioense*)
- Archidium rehmannii*** Mitt. SAF(1531,8328).
- Archidium subulatum*** Müll.Hal. SAF(1531,8328).
Archidium tanganyikae Dixon = *Archidium ohioense* (1471)
Archidium tenellum P.de la Varde = *Archidium ohioense* (1471)
Archidium synoicum Müll.Hal. ex Sim, *nom. nud.* = *Archidium capense* [1911: 141]
Argyrobryum argentisetum Müll.Hal., *nom. inval.* = *Bryum argentisetum* (46)
Argyrobryum bicolor (Dicks.) Kindb. = *Bryum bicolor* [1521] (= *Bryum dichotomum*)
Argyrobryum ellipsifolium Müll.Hal., *nom. inval.* = *Bryum ellipsifolium* (46)
Arrhenopterum turgidum Wahlenb. ex F.Weber & D.Mohr = *Aulacomnium turgidum* [1521]
Arthrocormus africanus Broth. = *Octoblepharon africanum* [1521]
Aschisma aethiopicum (Welw. & Duby) Lindb. = *Bryocephospora aethiopica* (1420)
Asteriscium trichostomaceum (Müll.Hal.) Hilp. = *Barbula trichostomacea* [1521] (= *Didymodon australasiae*)
- Astomiopsis amblycalyx*** Müll.Hal. LES(1074,1471,1531).
- Astomiopsis magilliana*** Snider, Yip & Clark SAF(4822,8328).
Astomum alternifolium (Dicks. ex Hedw.) Hampe = *Archidium alternifolium* [40: 193] Note: see comment under *Archidium alternifolium*.
Astomum borbonicum Bizot & Onr. Note: the genus *Astomum* is considered synonymous with *Weissia* (1420), but as this taxon may belong to *Trichostomum*, it is left here pending revision.
- Astomum borbonicum*** Bizot & Onr. REU(105,109).
Astomum breutelianum Hampe ex Müll.Hal. = *Pleuridium pappeanum* (82: 84)
Astomum capense Roth, *nom. illeg. incl. spec. prior.* = *Tetrapterum tetragonum* [1521]
Astomum nervosum (Hook.) Müll.Hal. = *Pleuridium nervosum* (82: 86)
Astomum pappeanum Müll.Hal. = *Pleuridium pappeanum* (82: 84)
Astomum tetragonum (Hook.) Broth. = *Tetrapterum tetragonum* (82: 250)
Astomum unguiculatum (Mitt.) Broth. = *Trichostomum unguiculatum* [1420]
Astrodonium sericeum A.Jaeger = *Palamocladium sericeum* [1521] (= *Palamocladium leskeoides*)
Astrophyllum punctatum (Hedw.) Lindb. = *Mnium punctatum* [1521]. Excluded: see note under *Mnium punctatum*.
Astrophyllum undulatum (Hedw.) Lindb. = *Mnium undulatum* [1521] (= *Plagiomnium undulatum*)
- Atractylocarpus alticaulis*** (Broth. in Mildbr.) R.S.Williams KEN(46,3412,5315), RWA(65), TAN(46), UGA(46), ZAI(65).
Atractylocarpus capillifolius Dixon = *Atractylocarpus alticaulis* (804)
Atractylocarpus flexifolius Dixon = *Atractylocarpus alticaulis* (465)
- Atractylocarpus madagascariensis*** (Thér.) Padberg & J.-P.Frahm MDG(40), MLW(2084), REU(411), SAF(4670,8328).
Atractylocarpus naveauanus (Thér.) P.de la Varde = *Atractylocarpus alticaulis* (178)
Atractylocarpus. Note: this genus was made a synonym of an earlier genus, *Metzleria*, but the later name was subsequently conserved (7265).
- Atrichum androgynum*** (Müll.Hal.) A.Jaeger KEN(6615,7065), LES(1531,4897), MAU(105,289), MDG(40,289), MLW(46,67), MOZ(357), REU(105,289), SAF(289,1531,4897,7766,8328), SWZ(4418), ZIM(46).
Atrichum borbonicum Besch. = *Atrichum androgynum* (289)
Atrichum brevilamellatum Dixon & Thér. = *Pogonatum congolense* (289)
Atrichum cavallii (G.Negri) P.de la Varde, *nom. inval. in synon.* = *Oligotrichum cavallii* (2869)
Atrichum intermedium (Bél.) Kindb. = *Pogonatum belangeri* [4329: 256]
Atrichum nudifolium Müll.Hal. ex Dixon & A.Gepp, *nom. nud.* = *Atrichum androgynum* [2609]
Atrichum polyphyllum Rehmann ex Geh. = *Aulacomnium androgynum* [4378: 63]

Aulacomnium abyssinicum Schimp. ex Paris ETH(50).

Aulacomnium abyssinicum Schimp. ex Paris, *nom. nud.* Note: according to Cufodontis (50), this taxon is likely to be a synonym of *Aulacomnium palustre*.

Aulacomnium gaudichaudii (Schwägr.) Mitt. = *Leptotheca gaudichaudii* (83: 405)

Aulacomnium palustre fo. *perpapillosum* P.de la Varde. Excluded: any records for this form have been associated with the owning species.

Aulacomnium palustre var. ***palustre*** (Hedw.) Schwägr. ETH(50), KEN(46), UGA(46).

Aulacomnium turgidum var. *papillosum* Dixon ex Paris = *Aulacomnium turgidum* [4368]

Aulacomnium turgidum Wahlenb. KEN(46,5315).

Aulacopilum beccarii (Müll.Hal.) Mitt. = *Erpodium beccarii* (1519: 453)

Aulacopilum incanum Mitt. = *Aulacopilum trichophyllum* [1911: 346] (= *Erpodium glaucum* var. *trichophyllum*)

Aulacopilum trichophyllum Ångstr. ex Müll.Hal. = *Erpodium glaucum* var. *trichophyllum* (3531)

Barbella capillicaulis var. ***angustifolia*** Dixon & Thér. MAU(105).***Barbella capillicaulis*** var. ***capillicaulis*** (Renauld & Cardot) Cardot MAU(105), MDG(40), UGA(4282).***Barbella eusebii*** Dixon ex Tosco & Piovano KEN(46).

Barbula abyssinica (De Not.) A.Jaeger = *Tortula abyssinica* (1521)

Barbula acuta (Brid.) Brid. = *Didymodon rigidulus* var. *gracilis* (1420)

Barbula acutata Müll.Hal. = *Pseudocrossidium replicatum* (6803)

Barbula afrocespitosa Müll.Hal. = *Tortella humilis* [1912: 251; 82: 256]

Barbula afrodruriuscula Müll.Hal. = *Thyridium chenagonii* [1848: 188] (= *Serpotortella chenagonii*)

Barbula afrofontana (Müll.Hal.) Broth. = *Barbula ehrenbergii* (1158) (= *Barbula bolleana*)

Barbula afrofontana var. *acutiuscula* P.de la Varde. Excluded: Sollman (1158) made *Barbula afrofontana* a synonym of *Barbula ehrenbergii* (= *Barbula bolleana*), but this variety from Zimbabwe [46] was not dealt with.

Barbula afroinermis Müll.Hal. = *Tortula muralis* (82: 213)

Barbula afroauralis Müll.Hal. = *Tortula ruralis* [4800: 180; 82: 219] (= *Syntrichia ruralis*)

Barbula afro-unguiculata Müll.Hal. = *Semibarbula orientalis* [1911: 236] (= *Barbula indica*)

Barbula anoectangiacea Müll.Hal. = *Ceratodon* sp. [10: 409]. Excluded.

Barbula apiculata Hedw. = *Barbula unguiculata* [8250: 286]

Barbula aprica Müll.Hal. = *Tortella aprica* (1521)

Barbula atrovirens (Sm.) Schimp. = *Desmatodon convolutus* [8215: 224] (= *Tortula atrovirens*)

Barbula atrovirens var. *edentula* (Bruch, Schimp. & W.Guembel) Schimp. = *Desmatodon atrovirens* var. *edentula* [1521] (= *Tortula atrovirens*)

Barbula basutensis Rehmann ex Paris, *nom. nud.* = *Hyophila basutensis* [1521] (= *Didymodon ceratodonteus*)

Barbula beccarii (Venturi) A.Jaeger = *Pleurochaete beccarii* [1521] (= *Pleurochaete squarrosa* var. *squarrosa*)

Barbula bokkefeldiana Rehmann ex Dixon & A.Gepp, *nom. nud. in synonym.* = *Tortula pilifera* [6568: 200] (= *Pseudocrossidium crinitum*)

Barbula bokkefeldiana Rehmann ex Paris, *nom. nud.* = *Tortula pilifera* [6568: 200] (= *Pseudocrossidium crinitum*)

Barbula bolleana (Müll.Hal.) Broth. CHA(4480,4507), CVI(1296,2666,6453), MDG(40), NAM(1531,7155), SAF(1531,8328), TAN(46), UGA(46), ZAI(65), ZAM(62).

Barbula brachyaichme Müll.Hal. = *Tortula schmidii* (82: 215) (= *Syntrichia fragilis*)

Barbula brevimumcronata Müll.Hal. = *Tortula schmidii* (82: 216) (= *Syntrichia fragilis*)

Barbula brotheri (Renauld & Cardot) Broth., *hom. illeg.* = *Hydrogonium brotheri* [1521] (= *Barbula bolleana*)

Barbula caespitosa Schwägr. = *Tortella humilis* [1912: 251; 82: 256]

Barbula caespitosa var. *angustifolia* Rehmann ex Paris, *nom. nud.* = *Tortella humilis* [6568: 220]

Barbula calycina Schwägr. SAF(1531,8328).

Barbula chrysoblata Müll.Hal. = *Tortula muralis* (82: 213)

Barbula circinalis Müll.Hal. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)

Barbula congoana Thér. TAN(46), UGA(46), ZAI(65).

Barbula conica Spreng. = *Ceratodon purpureus* [2737: 304]

Barbula consanguinea (Thwaites & Mitt.) A.Jaeger BUR(4304,6130), CVI(2666,4304,6130), GUI(6130), IVO(5925), NGA(4304,6130).

Barbula consanguinea (Thwaites & Mitt.) A.Jaeger. Note: this taxon was treated as a synonym of *Barbula javanica* in version 4, following Zander [1420]. The holotype of *Barbula consanguinea* is indeed *Barbula javanica*, but other isotypes are mixtures of both taxa, and the original description and usage conforms to the concept of *Barbula consanguinea* currently used (see Sollman [6130]), and Eddy [755] provides excellent descriptions and illustrations of the two taxa. *Barbula javanica* does not occur in Africa.

Barbula convoluta var. ***convoluta*** Hedw. CVI(1296,2666,6453), ETH(6137), KEN(411), SAF(4304,4670,8328), TAN(46), ZAM(411).

Barbula corticicola Renauld & Cardot = *Trichostomum soulae* [1420] (= *Chionoloma bombayense*)

Barbula crinita Schultz, *nom. illeg. incl. spec. prior.* = *Pseudocrossidium crinitum* (1420)

Barbula crispata Drège, *nom. nud.* Excluded: an undescribed collection from South Africa.

Barbula curvirostris Lindb., *nom. illeg. incl. spec. prior.* = *Hymenostylium recurvirostre* [1521]

Barbula cuspidatissima Müll.Hal. = *Tortula cuspidatissima* [1521]
Barbula cylindrica (Taylor) Schimp. = *Didymodon vinealis* var. *flaccidus* (1420)
Barbula cylindrica var. *flaccida* Bruch, Schimp. & W.Gümbel = *Didymodon vinealis* var. *flaccidus* (1420)
Barbula desecta Rehmann ex Dixon, *nom. nud. in synon.* = *Tortula deserta* [6568: 19] (= *Henediella longipedunculata*)
Barbula deserta Müll.Hal. = *Desmatodon longipedunculatus* (82: 210) (= *Henediella longipedunculata*)
Barbula dimorpha Müll.Hal. = *Didymodon ceratodontus* (82: 233)
Barbula dioritica Müll.Hal. Note: the record for Eritrea that appeared on earlier lists was an error: the locality is in Sudan.

***Barbula dioritica* Müll.Hal. SUD(3076).**

Barbula dorrii Renaud & Cardot = *Hydrogonium dorrii* [1521] (= *Barbula indica*)
Barbula dregeana Müll.Hal. = *Aloina bifrons* (82: 193)

***Barbula dusenii* Müll.Hal. ex Broth. CMN(47).**

Barbula ehrenbergii (Lorentz) M.Fleisch. = *Barbula bolleana* (2666)

***Barbula ehrenbergii* var. *algeriae* (Müll.Hal.) Venturi & Bott. CHA(51).**

Barbula ehrenbergii var. *algeriae* (Müll.Hal.) Venturi & Bott. Note: Frahm et al. (2666) synonymised *Barbula ehrenbergii* with *Barbula bolleana*, but this variety was not dealt with.

Barbula elliotii Broth. = *Barbula bolleana* (2666)

Barbula elongata Dixon, *hom. illeg.* = *Barbula zambesiaca* (53: 21)

Barbula erubescens Müll.Hal. = *Tortula schmidii* (82: 215) (= *Syntrichia fragilis*)

Barbula erythrodonia Taylor = *Streptopogon erythrodontus* [1521]

Barbula erythroneura Schimp. ex Müll.Hal. = *Tortula ruralis* [1911: 227; 82: 219] (= *Syntrichia ruralis*)

***Barbula eubryum* Müll.Hal. ANG(46), BUR(65), CAF(47), COM(4304), KEN(46,5315), MDG(3072), RWA(65), SAF(1531,8328), SWZ(1531), TAN(46), UGA(46), ZAI(65), ZAM(62,411), ZIM(46,61).**

Barbula eucalyx Schimp. ex A.Jaeger, *nom. nud.* Excluded: based on a collection by Breutel from Western Cape, but location (and identity) of collection unknown.

Barbula euphorbiae Müll.Hal., *nom. nud.* Excluded: no indication of original collection.

Barbula eutrichostoma Müll.Hal. = *Tortella humilis* (82: 256)

Barbula excisa Müll.Hal. = *Tortula schmidii* (82: 215) (= *Syntrichia fragilis*)

Barbula exesa Müll.Hal. = *Tortula erubescens*, *hom. illeg.* [1911: 227] (= *Syntrichia fragilis*)

Barbula filicaulis Müll.Hal. ex Sim, *orthog. err.* = *Barbula flexicaulis* [1521] (= *Schistidium sp.*)

Barbula flavipila Schimp. ex Paris, *nom. nud.* = *Tortula pilifera* [4378: 101] (= *Pseudocrossidium crinitum*)

Barbula flexicaulis Müll.Hal. = *Schistidium sp.* (82: 246) Note: Sim [1911: 234] gives the identification as *Schistidium apocarpum*, but Magill [82: 246] states that no-one has compared Mueller's type with *Schistidium apocarpum*.

Barbula flexuosa Schultz, *hom. illeg.* = *Barbula calycina* (82: 240)

Barbula fontana (Müll.Hal.) Broth. = *Barbula meidensis* (50: 225)

Barbula fuscomucronata (Müll.Hal.) A.Jaeger = *Pseudocrossidium replicatum* (1419)

Barbula glacialis Bruch & Schimp. ex Müll.Hal., *nom. nud.* = *Tortula subspathulata* [1506: 633] (= *Syntrichia fragilis*)

Barbula hildebrandtii Müll.Hal. = *Tortula schmidii* (82: 215) (= *Syntrichia fragilis*)

Barbula hookeri Steud. = *Barbula calycina* (82: 240)

Barbula hornsuschiana Schultz = *Pseudocrossidium hornsuschianum* (1420)

Barbula humilis Hedw. = *Tortella humilis* (82: 256)

Barbula incerta (Mitt.) Paris, *hom. illeg.* = *Trichostomum incertum* [1420]

***Barbula inclinans* Schimp. ex Besch. MAU(105).**

***Barbula indica* var. *indica* (Hook.) Spreng. in Steud. BIO(2662), CMN(1158), COM(40), CVI(2666,6453), GAB(1158), KEN(46,7251), LES(4897), MDG(40), MLW(67,411,6087), MOZ(357), MTN(6996), NGA(5148,5176), REU(2653), ROD(105), RWA(65), SAF(1531,8328), SEY(1926,1946,1947,2030,2353), SOC(40,2374,5613), SWZ(1531), TAN(46), UGA(4282), ZAI(65,259,5319), ZAM(411), ZIM(46,61).**

***Barbula indica* var. *scaberrima* Dixon TAN(46).**

Barbula isoindica Zander = *Barbula indica* (1158)

Barbula jamesonii Taylor = *Bryoerythrophyllum jamesonii* (82: 248) (= *Bryoerythrophyllum campylocarpum*)

Barbula javanica Dozy & Molk. Note: see under *Barbula consanguinea*.

Barbula kiaeii Broth. = *Barbula indica* var. *indica* (7069)

Barbula kivuensis Leroy & P.de la Varde = *Barbula bolleana* (2666)

Barbula lambarensis P.de la Varde = *Barbula indica* (1158)

Barbula leikipiae Müll.Hal. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)

Barbula lepikiae Müll.Hal., *orthogr. err.* = *Barbula leikipiae* [1521] (= *Syntrichia fragilis*)

Barbula leptotortella Müll.Hal. = *Chionoloma bombayense* [7961: 36]. Note: both Sim [1911] and Magill [82: 259] treat this as *Oxystegus cylindricus* (= *Trichostomum tenuirostre*), but Sollman [7961: 36] states that the isotype material of *Barbula leptotortella* is *Chionoloma bombayense*.

Barbula leucostega Müll.Hal. = *Tortula princeps* (82: 219) (= *Syntrichia princeps*)

Barbula longipedunculata Müll.Hal. = *Desmatodon longipedunculatus* (82: 210) (= *Henediella longipedunculata*)

Barbula longirostris Hampe = *Henediella limbata* (1420)

Barbula lorentzii Kis = *Barbula indica* (1158) Note: *Barbula lorentzii* is based on *Barbula papillinervis* (Lorentz) Broth., *hom. illeg.* = *Barbula indica*. The valid name (before synonymisation) for *Barbula papillinervis* was *Barbula isoindica* Zander, *nom. nov.*

Barbula macleana Rehmman ex Kindb., *nom. nud.* = *Barbula xanthocarpa* [1911: 238] (= *Didymodon xanthocarpus*)

Barbula macowaniana Müll.Hal. = *Tortula schmidii* (82: 215) (= *Syntrichia fragilis*)

Barbula madagassa Renaud & Cardot = *Barbula bolleana* (2666)

Barbula malacophylla Müll.Hal. = *Pleurochaete malacophylla* (1521)

Barbula mauchii Rehmman ex Geh., *nom. nud.* = *Tortula pilifera* [6568: 200] (= *Pseudocrossidium crinitum*)

***Barbula meidensis* Cufod. SOM(50).**

Barbula meruensis Müll.Hal. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)

Barbula meruensis var. *papillosa* (Broth.) Paris = *Tortula hildebrandtii* var. *papillosa*. Excluded: see note under this name.

Barbula michiganensis Steere ex Grout = *Didymodon maschalogenia* (2666)

***Barbula microcalycina* Magill LES(1531,4897), REU(8028), SAF(1531,4897,8328).**

Barbula mollis Bruch & Schimp. ex Müll.Hal. = *Tortula mollis* (1521) (= *Syntrichia mollis*)

Barbula mucronulata Renaud & Cardot, *hom. illeg.* = *Barbula indica* (1158)

Barbula muelleri Bruch, Schimp. & W.Gümbel, *nom. illeg.* = *Tortula princeps* (82: 219) (= *Syntrichia princeps*)

Barbula muralis var. *brevipedunculata* Müll.Hal. ex Paris, *nom. nud.* = *Tortula muralis* var. *brevipedunculatus* [1521] (= *Tortula muralis* var. *muralis*)

Barbula muralis var. *capensis* Brid. = *Tortula muralis* var. *incana* [4250: 85] (= *Tortula muralis*)

Barbula mutica (Paris) Broth., *hom. illeg.* = *Trichostomum muticum* [1521]

Barbula nana Müll.Hal. = *Trichostomum brachydontium* (1660)

Barbula natalensicaespitosa Müll.Hal. = *Tortella humilis* [1911: 241; 82: 256]

Barbula natalensis Müll.Hal. = *Barbula indica* (82: 243)

***Barbula omissa* Thér. MDG(4273).**

Barbula oranica Müll.Hal. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)

Barbula orientalis (F.Weber) Broth. (*non* Brid.) = *Barbula indica* (82: 243)

Barbula pagorum Milde = *Tortula pagorum* (82: 217) (= *Syntrichia pagorum*)

Barbula papillinervis (Lorentz) Broth., *hom. illeg.* = *Barbula isoindica* (1420) (= *Barbula indica*: see note under *Barbula lorentzii*)

Barbula parvula (Hook. & Grev.) Spreng. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)

Barbula perlinearis Müll.Hal. = *Barbula xanthocarpa* [1911: 238] (= *Didymodon xanthocarpus*)

***Barbula pertorquata* Müll.Hal. TAN(46), ZAM(46).**

Barbula pertorquata Müll.Hal. = *Barbula xanthocarpa* [1911: 238] (= *Didymodon xanthocarpus*)

Barbula pilifera (Hook.) Brid. = *Barbula crinita* (82:237) (= *Pseudocrossidium crinitum*)

Barbula pilifera var. *aquatilis* Müll.Hal. ex Paris, *nom. nud.* Note: treated as *Pseudocrossidium crinitum*.

Barbula pilifera var. *gracilis* Hornsch. Note: treated as *Pseudocrossidium crinitum*.

Barbula pilifera var. *senilis* Rehmman ex Dixon & A.Gepp, *nom. nud.* Note: treated as *Pseudocrossidium crinitum*.

Barbula pilifera var. *sessilis* Paris, *nom. nud.* (*err. pro B. var senilis*). Note: treated as *Pseudocrossidium crinitum*.

Barbula piligera (Hook.) Brid., *othogr. err.* = *Barbula pilifera* [1521] (= *Pseudocrossidium crinitum*)

Barbula plicata Rehmman ex Dixon & A.Gepp, *nom. nud.* Excluded: this collection from Lesotho ('ad riv. Caledon') (Rehmman 103) remains unpublished.

Barbula porphyreoneura Müll.Hal. ex Venturi = *Pseudocrossidium porphyreoneurum* (1420)

Barbula pseudoehrenbergii M.Fleisch. Excluded: this taxon does not occur in Africa (an *Index Muscorum* error).

Barbula pseudogracilis Müll.Hal. ex Venturi = *Barbula acuta* (1420) (= *Didymodon rigidulus* var. *gracilis*)

***Barbula punctulata* (Renaud & Paris) Broth., *hom. illeg.* MDG(40).**

***Barbula pygmaea* Müll.Hal. TAN(46).**

Barbula recurvata (Hook.) Schultz = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)

Barbula recurvata var. *aristatula* Müll.Hal. ex Paris, *nom. nud.* = *Desmatodon convolutus* [1911: 233] (= *Tortula atrovirens*)

Barbula recurvirostris (Hedw.) Dixon = *Bryoerythrophyllum recurvirostrum* var. *recurvirostrum* [1521]

Barbula rehmannii Müll.Hal. = *Barbula indica* (1158)

Barbula reticularia Müll.Hal. = *Tortula papillosa* (82: 218) (= *Syntrichia papillosa*)

Barbula revoluta Brid. = *Pseudocrossidium revolutum* (1420)

Barbula revoluta var. *hornschurchiana* (Schultz) Brid. = *Pseudocrossidium hornschurchianum* (1420)

Barbula riebeckii Müll.Hal. = *Pleurochaete squarrosa* [7878]

Barbula rigida Hedw. = *Aloina rigida* [1521]

Barbula rigida var. *pilifera* Hornsch. = *Barbula dregeana* [2787: 432] (= *Aloina bifrons*)

Barbula rufa Schimp. ex Besch. = *Tortula rufa* (1521)

Barbula rufo-aristata Müll.Hal., *nom. nud.* Excluded: no specimen has been associated with this name.

Barbula ruralis Hedw. = *Tortula ruralis* (82: 219) (= *Syntrichia ruralis*)

Barbula ruralis var. *intermedia* (Brid.) Limpr. = *Tortula intermedia* [1521] (= *Syntrichia intermedia*)

Barbula ruralis var. *rupestris* Bruch, Schimp. & W.Gümbel, *nom. illeg. incl. var. prior* = *Tortula intermedia* [1521] (= *Syntrichia intermedia*)

Barbula ruvenzorensis (Broth.) Paris = *Trichostomum ruvenzorense* [1521]

***Barbula salisburyensis* Dixon ZIM(46,61).**

Barbula schmidii Müll.Hal. = *Syntrichia fragilis* (1621: 212)

Barbula schweinfurthiana Müll.Hal. SOC(349,1626,2374,5613).

Barbula somaliae Müll.Hal. SOM(50).

Barbula sparsifolia Renaud & Cardot = *Trichostomum sparsifolium* [1521] (= *Trichostomum brachydontium*)

Barbula sporophylla Renaud & Cardot = *Trichostomum sporophyllum* [1521]

Barbula squarrosa Brid. = *Pleurochaete squarrosa* var. *squarrosa* (1521)

Barbula stuhlmannii (Broth.) Brid = *Barbula indica* (1158)

Barbula subaristata Broth. & Schimp. = *Syntrichia subaristata* (1420)

Barbula subcernua Schimp. ex Besch. = *Barbula inclinans* [2195: 344; 40: 207]

Barbula subobtusa Thér. MDG(40).

Barbula subrevoluta Hampe = *Didymodon subrevolutus* [1521]

Barbula subrufa Renaud & Cardot, *nom. illeg.* = *Tortula subrufa* [1521]

Barbula subscabrinervis Dixon & Naveau = *Bellibarbula recurva* (1420)

Barbula subspathulata Müll.Hal. = *Tortula subspathulata* (1521) (= *Syntrichia fragilis*)

Barbula subulirostris Müll.Hal. = *Didymodon subulirostris* [1521]

Barbula subxanthocarpa Broth. ex Sim, *nom. nud. in synonym.* = *Barbula trichostomacea* [1911: 238] (= *Didymodon australasiae*)

Barbula sulcata Geh. = *Barbula convoluta* var. *convoluta* (2666)

Barbula syrrihopodontoides Rehmann ex Kindb., *nom. nud.* = *Tortella humilis* [1911: 241]

Barbula thrausta Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 352) from Cameroon.

Barbula tisserantii (P.de la Varde) P.de la Varde CAF(47).

Barbula torquatifolia Geh. = *Pseudocrossidium porphyreoneurum* (1420)

Barbula torquescens Schimp. ex Müll.Hal. = *Barbula crinita* (82:237) (= *Pseudocrossidium crinitum*)

Barbula trichostomacea Müll.Hal. = *Trichostomopsis australasiae* (53: 22) (= *Didymodon australasiae*)

Barbula trichostomacea var. *chlorophyllosa* Müll.Hal. ex Paris, *nom. nud.* = *Barbula trivialis* [4378: 107] (= *Didymodon trivialis*)

Barbula trichostomum H.A.Wager, *nom. inval. err.* = *Barbula trichostomacea* [1521] (= *Didymodon australasiae*)

Barbula trichostomum var. *chlorophyllosa* Müll.Hal. ex Wager, *nom. inval.* = *Barbula trivialis* [4378: 107] (= *Didymodon trivialis*).

Barbula trifaria (Hedw.) Mitt. = *Didymodon vinealis* [2185]. Excluded: records of *Didymodon vinealis* for this area are likely to be *Didymodon insulanus*.

Barbula trivialis Müll.Hal. = *Didymodon trivialis* (1420) (= *Didymodon umbrosus*)

Barbula tuberculosa (Renaud & Paris) Cardot in Grandid. = *Gymnostomiella tuberculosa* (7068)

Barbula umtaliensis Magill ZIM(46,61).

Barbula unguiculata Hedw. ANG(46), CVI(2666), REU(5440), SAF(4670,8328), SUD(1707).

Barbula usambara Müll.Hal., *nom. nud.* Excluded: an undescribed collection, appearing on a list.

Barbula vinealis Brid. = *Didymodon vinealis* (1420)

Barbula vinealis ssp. *cylindrica* (Taylor) Podp. = *Didymodon vinealis* (1420)

Barbula wageri Broth. ex Wager, *nom. nud.* Excluded: an undescribed collection, appearing on a list.

Barbula xanthocarpa Müll.Hal. = *Didymodon xanthocarpus* (53: 22)

Barbula zambsiaca Magill ZIM(46,61).

Bartramia abesinnica Müll.Hal., *nom. nud. err.* = *Bartramia abyssinica* [1521] (= *Flowersia abyssinica*)

Bartramia abyssinica Müll.Hal. = *Flowersia abyssinica* (182)

Bartramia africana Müll.Hal. = *Philonotis africana* (83: 429)

Bartramia afroacuminata Müll.Hal. ex Paris, *nom. inval. err.* = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)

Bartramia afro-affinis Müll.Hal. *nom. nud.* Excluded: an undescribed collection, with no specimen available.

Bartramia afrofontana Müll.Hal. = *Philonotis falcata* (83: 430)

Bartramia afrofontana var. *brevisetata* Müll.Hal. ex Paris, *err.* = *Bartramia afrouncinata* var. *brevisetata* [1521] (= *Breutelia substricta*)

Bartramia afrofontana var. *gracilescens* Müll.Hal. ex Paris, *err.* = *Bartramia afrouncinata* var. *gracilescens* [1521] (= *Philonotis dregeana*)

Bartramia afro-ithyphylla Broth. = *Bartramia brevifolia* ssp. *commutata* [7829: 81]

Bartramia afrosoparia Müll.Hal. = *Breutelia substricta* (83: 437)

Bartramia afrostricta Müll.Hal. = *Anacolia breutelii* var. *breutelii* (83: 411)

Bartramia afrouncinata Müll.Hal. = *Philonotis dregeana* (83: 425)

Bartramia afrouncinata var. *brevisetata* Müll.Hal. = *Breutelia substricta* (83: 437)

Bartramia afrouncinata var. *gracilescens* Müll.Hal. = *Philonotis dregeana* (83: 425)

Bartramia alpestris Müll.Hal. *nom. nud.* Excluded: an undescribed collection, with no specimen available.

Bartramia androgyna Hampe = *Philonotis dregeana* (83: 425)

Bartramia angustissima Dixon UGA(46).

Bartramia angustiuscula Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 86) from Cameroon.

Bartramia appressa Hook.f. & Wilson = *Philonotis scabrifolia* [6500: 450]

Bartramia aprica Müll.Hal. Note: the record for Eritrea that appeared on earlier lists was an error: the locality is in Sudan.

***Bartramia aprica* Müll.Hal. SUD(3076).**

Bartramia arbuscula Müll.Hal. ex Paris, *nom. inval. in synon. err.* = *Bartramia arbusculacea* [1521] (= *Philonotos arbusculacea*)

Bartramia arbusculacea Müll.Hal. = *Philonotos arbusculacea* (1521)

***Bartramia aristaria* Müll.Hal. SAF(1531,8328), ZIM(61).**

Bartramia aristaria var. *plumosa* Sim = *Bartramia capensis* (4800)

Bartramia aristifolia Broth., *hom. illeg.* = *Bartramia brachypus* [7829: 77]

Bartramia asperrima Müll.Hal., *hom. illeg.* = *Bartramia hampeana* [4325: 60; 6568: 202]

Bartramia baginsensis Müll.Hal. = *Philonotis baginsensis* (1521)

Bartramia basaltica Müll.Hal., *nom. nud.* Excluded: an undescribed collection, with no specimen available.

Bartramia borbonica (Besch.) Müll.Hal. = *Leiomela bartramioides* var. *borbonica* [1521] (= *Leiomela bartramioides*)

Bartramia boschbergiana Müll.Hal. = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)

***Bartramia brachypus* Bruch & Schimp. ex Müll.Hal. CMN(47,7829), ETH(50,1927,7829), KEN(46), TAN(46), UGA(46,7829), ZAI(65).**

Bartramia brachypus Bruch. & Schimp. Note: this taxon was treated mistakenly as a synonym of *Anacolia webbii* in previous checklists, based on incorrect information in *Index Muscorum* [1521]

Bartramia breutelii Müll.Hal. = *Anacolia breutelii* (83: 411)

Bartramia brevicuspis Müll.Hal. ex Broth., *nom. nud. in synon.* = *Philonotis brevicuspis* [1521]

***Bartramia brevifolia* ssp. *commutata* (Mitt.) Fransen CMN(47,7829), ETH(1927), KEN(46), RWA(65), TAN(46,7829), UGA(46,7829), ZAI(65).**

Bartramia byssiformis (Müll.Hal.) Wright = *Philonotis byssiformis* [1521]

***Bartramia capensis* (R.Br.) Wijk & Margad. SAF(1531,8328), TAN(46).**

Bartramia capillaris Müll.Hal. ex Broth., *nom. nud. in synon.* = *Philonotis mniobryoides* [9: 251]

Bartramia cespitans Müll.Hal., *nom. nud.* = *Philonotis hastata* [2737: 616]

Bartramia commutata Mitt. = *Bartramia brevifolia* ssp. *commutata* [7829: 22]

Bartramia comorensis Müll.Hal. = *Philonotis hastata* [2737: 616]

Bartramia comosa Hampe & Müll.Hal., *hom. illeg.* = *Bartramidula comosa* (83: 423) (= *Philonotis comosa*)

Bartramia compacta* var. *compacta* Hornsch. SAF(1531,8328).**Bartramia compacta* var. *macowaniana* (Müll.Hal.) Magill SAF(1531,8328).**

Bartramia crystallina Müll.Hal., *nom. nud.* = *Philonotis crystallina* [1521]. Excluded: see note under *Philonotis*.

Bartramia curvifolia (Besch.) Müll.Hal. = *Philonotis laxissima* [1848: 308] (= *Philonotos hastata*)

Bartramia curvula Müll.Hal. = *Philonotis curvula* (1521)

Bartramia delagoae Müll.Hal. Excluded: type not located (83: 418).

Bartramia densiretis Müll.Hal., *nom. nud.* Excluded: no specimen cited.

Bartramia dregeana Müll.Hal. = *Philonotis dregeana* (83: 425)

Bartramia elliotii Broth. = *Anacolia laevisphaera* (46)

Bartramia falcata Hook. = *Philonotis falcata* (83: 430)

Bartramia flaccidifolia Mitt. = *Philonotis flaccidifolia* [1521]

Bartramia flavinervis Müll.Hal. = *Philonotis flavinervis* [1521]

Bartramia floribundaria Müll.Hal., *nom. nud.* = *Philonotis floribundaria* [1521]. Excluded: see note under *Philonotis floribundaria*.

Bartramia fontana (Hedw.) Turner = *Philonotis fontana* [1521]

Bartramia fontana var. *marchica* (Hedw.) Hook. & Taylor = *Philonotis marchica* [1521]

Bartramia fragilicuspis Broth. = *Bartramia gigantea* [7829: 88]

Bartramia gemmascens Müll.Hal. = *Philonotis gemmascens* [1521]

Bartramia gigantea (Brid.) Schwaegr., *hom. illeg.* = *Breutelia gigantea* [1521] (= *Breutelia stuhlmannii*)

***Bartramia gigantea* Bory MAU(7829), MDG(40,7829), REU(7829), TAN(46).**

Bartramia gigantea Bory = *Bartramia patens* [8103: 55]

Bartramia globosa Müll.Hal. = *Bartramidula globosa* (83: 423) (= *Philonotis globosa*)

Bartramia globosa var. *tenuicaulis* Müll.Hal. = *Bartramidula globosa* [1911: 305] (= *Philonotis globosa*)

Bartramia gracilescens (Müll.Hal.) Müll.Hal. = *Philonotos dregeana* (83: 425)

***Bartramia halleriana* Hedw. CMN(47,7828), ETH(1927), TAN(46).**

Bartramia halleriana var. *eu-halleriana* Kabiersch = *Bartramia halleriana* [1521]

***Bartramia hampeana* ssp. *hampeana* Müll.Hal. LES(1531,4897), SAF(1531,4897,7766,7829,8328), TAN(46), ZIM(61).**

Bartramia heleniana Mitt. in Mellis = *Philonotis fontana* [25: 3: 374]

Bartramia helenica (Besch.) Müll.Hal. = *Philonotis helenica* [1521]

Bartramia hymenodon Müll.Hal. = *Philonotis scabrifolia* (83: 431)

Bartramia imbricatula (Mitt.) Müll.Hal. = *Philonotis laxissima* [5765: 32] (= *Philonotis hastata*)

Bartramia incrassata Müll.Hal. = *Philonotis incrassata* (1521)

Bartramia inserta Sull. & Lesq. = *Bartramia capensis* (83: 415)

***Bartramia ithyphylla* ssp. *ithyphylla* Brid. KEN(3412,5315), TAN(46), ZAI(65).**

Bartramia ithyphylla Brid. is a boreal plant not occurring in Africa [7829], and the records for east Africa (KEN(3412,5315), TAN(46), ZAI (65)) should be re-examined.

- Bartramia jungneri* Paris = *Bartramia brachypus* [7829: 77]
Bartramia kilima n'djarica Paris = *Breutelia kilimandscharica* [1521]. Excluded: see note under *Breutelia kilimandscharica*.
Bartramia kilimandscharica Müll.Hal. = *Breutelia kilimandscharica* [1521]. Excluded: see note under *Breutelia kilimandscharica*.
Bartramia kraussii Bruch, Schimp. & W.Gümbel = *Bartramia compacta* var. *compacta* (83: 413)
Bartramia laete-virens Rehm ex Geh., nom. nud. = *Breutelia afroscoparia* [4378: 91] (= *Breutelia subscripta*)
Bartramia laete-virens var. *procera* Rehm ex Dixon & A.Gepp., nom. nud. = *Breutelia afroscoparia* [6568: 204] (= *Breutelia subscripta*)
Bartramia laevisphaera (Taylor) Müll.Hal. = *Anacolia laevisphaera* [1521]
Bartramia latiuscula Müll.Hal., nom. nud. = *Philonotis latiuscula* [1521]. Excluded: see *Philonotis*.
Bartramia laxissima Müll.Hal. = *Philonotis hastata* (83: 427)
Bartramia leikipiae Müll.Hal. = *Anacolia laevisphaera* (46)

***Bartramia longifolia* Hook. MDG(40,7829), REU(105,7829).**

- Bartramia luteoviridis* (Besch.) Müll.Hal. = *Philonotis mauritiana* [1848: 306]
Bartramia macowaniana Müll.Hal. = *Bartramia compacta* var. *macowaniana* (83: 415)
Bartramia marchica (Hedw.) Sw. = *Philonotis marchica* [77: 24]
Bartramia marginalis Rehm ex Geh., nom. nud. = *Bartramia substricta* [1911: 302] (= *Breutelia substricta*)
Bartramia mauritiana (Aongstr.) Müll.Hal. = *Philonotis mauritiana* [1521]
Bartramia microcarpa P.de la Varde = *Bartramia brachypus* [7829: 77]
Bartramia microthamnia Müll.Hal. ex Broth., nom. inval. in synonym. = *Philonotis microthamnia* [1521]
Bartramia nanotheca Müll.Hal. = *Philonotis nanotheca* [1521]
Bartramia niarniamiae Müll.Hal. = *Philonotis niarniamiae* (1521)
Bartramia norvegica Lindb., nom. illeg. incl. spec. prior. = *Bartramia halleriana* [8172: 389]
Bartramia obtusulata Müll.Hal., nom. nud. Excluded: this name is not associated with a specimen.
Bartramia oederi Brid. = *Plagiopus oederi* (83: 409)
Bartramia pallidifolia Müll.Hal., nom.nud. in synonym.= *Breutelia aristaria* var. *plumosa* [1911: 312] (= *Bartramia capensis*)
Bartramia palustris (Hedw.) P.Beauv. = *Aulacomnium palustre* [1521]
Bartramia papillarioides Müll.Hal. ex Buettner = *Philonotis papillarioides* [1521]
Bartramia patens var. *patens* Brid. Note: according to Fransén [7829] *Bartramia patens* is a synonym of *Bartramia ithypylla* ssp. *patens*, but it is unlikely to occur in Africa; the specimens recorded from Africa under this name (MDG(40), REU(105)) should be re-examined.
Bartramia pechuelii Müll.Hal. = *Philonotis pechuelii* [1521]
Bartramia pellucida Hampe ex Müll.Hal. = *Philonotis baginsensis* [4274: 34]
Bartramia penicillata Müll.Hal. = *Bartramia hampeana* (1911)
Bartramia pentasticha Brid. = *Conostomum pentastichum* (83: 419)
Bartramia perconferta Müll.Hal. ex Broth., nom. nud. in synonym. = *Philonotis perconferta* [1521]
Bartramia perigonalis (Besch.) Müll.Hal. = *Philonotis perigonalis* [1521]
Bartramia pernana Müll.Hal. = *Philonotis androgyna* [1911: 386] (= *Philonotis dregeana*)
Bartramia pilulifera Müll.Hal., nom. nud. = *Bartramidula comosa* [6568: 203] (= *Philonotis comosa*)
Bartramia polyclados Besch. ex Müll.Hal., nom. nud. Excluded: no specimen is associated with this name.

***Bartramia pomiformis* Hedw. ETH(1927).**

- Bartramia pungens* Mitt. = *Philonotis pungens* [1521]
Bartramia pygmaeola Müll.Hal. = *Philonotis pygmaeola* (1521)
Bartramia quadrata Hook. = *Bartramia capensis* (83: 415)
Bartramia ruwentosana Müll.Hal. = *Bartramia hampeana* [1911: 301]
Bartramia ruwenzorensis Broth. = *Bartramia brevifolia* ssp. *commutata* [7829: 77]
Bartramia senodictyifolia Müll.Hal., nom. nud. Excluded: no African specimen has associated with this name.
Bartramia sericea Hornsch. = *Bartramia capensis* [8103: 96; 83: 415]
Bartramia simplex Müll.Hal. = *Philonotis dregeana* (1911)
Bartramia somerseti Paris, nom. illeg. incl. spec. prior = *Bartramia hampeana* [1911: 301]
Bartramia sordida Müll.Hal. = *Bartramidula globosa* var. *tenuicaulis* [4378: 90] (= *Philonotis globosa*)
Bartramia sparsifolia Hampe = *Philonotis sparsifolia* [1521]
Bartramia spielhausii Müll.Hal. Excluded: type not found, but may be synonym of *Bartramia capensis* (83: 418)
Bartramia squarrifolia Sim = *Anacolia breutelii* var. *squarrifolia* (83: 412)

***Bartramia stricta* Hedw. CMN(47).**

- Bartramia strictae-affinis* Müll.Hal. ex Paris, nom. nud. Excluded: an undescribed collection (*Dusén* 337) from Cameroon.
Bartramia stricto-affinis Müll.Hal., nom. nud. Excluded: see *Bartramia strictae-affinis* .

***Bartramia strictula* Müll.Hal. KEN(46), TAN(46).**

- Bartramia subasperrima* Müll.Hal. = *Bartramia compacta* var. *compacta* (83: 413)
Bartramia subcespitans Müll.Hal., nom. nud. Excluded: no specimen is associated with this name.
Bartramia subgnaphalea Müll.Hal. = *Breutelia diffracta* (83: 433)
Bartramia submarchica (Besch.) Müll.Hal. = *Philonotis submarchica* [1521]
Bartramia subolescens Müll.Hal. = *Philonotis subolescens* [1521]
Bartramia substricta Schimp ex Müll.Hal. = *Breutelia substricta* (83: 437)

- Bartramia substricta* var. *squarriifolia* Dixon in Sim = *Bartramia squarriifolia* [1911: 302] (= *Anacolia breutelii* var. *squarriifolia*)
Bartramia tecta Müll.Hal., *nom. nud. in synonym.* = *Bartramia hampeana* [1911: 301]
Bartramia tenuicula Hampe = *Philonotis hastata* [4097: 61] (= *Philonotis hastata*)
Bartramia tomentosa (Brid.) F.Weber & D.Mohr. Excluded: *fide* De Sloover [282] (doubtful for the area).
Bartramia trichodonta Müll.Hal. = *Philonotis trichodonta* [1521]
Bartramia tricolor Müll.Hal. = *Philonotis tricolor* (1521)
Bartramia usambarae Müll.Hal., *nom. nud.* Excluded: no specimen is associated with this name.
Bartramia vagans (Hook.f. & Wilson) Mitt. = *Philonotis vagans* (83: 432)
Bartramia vaginans Rehm ex Geh. = *Bartramia hampeana* ssp. *hampeana* [7829: 89]
Bartramia vulcanica Brid., *nom. illeg. incl. spec. prior.* = *Bartramia gigantea* [7829: 87]
Bartramia webbii (Mont.) Müll.Hal. Excluded: see note under *Anacolia webbii*.
Bartramidula breuteliana Paris, *nom. illeg. incl. spec. prior.* = *Bartramidula globosa* [1521] (= *Philonotis globosa*)
Bartramidula breuteliana var. *tenuicaulis* (Müll.Hal.) Paris = *Bartramidula globosa* [83] (= *Philonotis globosa*)
Bartramidula breutelii Schimp. ex A.Jaeger, *nom. nud.* = *Bartramidula globosa* [4378: 90] (= *Philonotis globosa*)
Bartramidula capensis Schimp. ex Müll.Hal., *nom. nud. in synonym.* = *Bartramidula globosa* [4378: 90] (= *Philonotis globosa*)
Bartramidula cernua (Wilson) Lindb. = *Philonotis cernua* (182)
Bartramidula comosa (Hampe) Broth. = *Philonotis comosa* (182)
Bartramidula globosa (Müll.Hal.) Broth. = *Philonotis globosa* (182)
Bartramidula globosa var. *tenuicaulis* (Müll.Hal.) Sim = *Bartramidula globosa* [83] (= *Philonotis globosa*)
Bartramidula le-testui P.de la Varde = *Philonotis le-testui* (182)
Bartramidula subexigua (Müll.Hal.) Paris = *Philonotis scabrifolia* [8257: 93]
Beccaria elatior Müll.Hal. = *Pottia minor* var. *elatior* [1521] (= *Tortula minor* var. *elatior*)
Beccaria minor Müll.Hal. = *Pottia minor* [1521] (= *Tortula minor*)
Beccaria pusilla Müll.Hal. *nom. inval. err.* = *Pottia minor* [1521] (= *Tortula minor*)
- Bellibarbula recurva*** (Griff.) R.H.Zander CMN(4304), MLW(6087), TAN(4304), UGA(46), ZAI(65).
- Blindia acuta*** (Hedw.) Bruch, Schimp. & W.Gümbel KEN(46), REU(288), ZAI(65).
Blindia caespiticia F.Weber & D.Mohr. Excluded: this taxon is reported by *Index Muscorum* as being present in sub-Saharan Africa, but no report has been found.
- Blindia magellanica*** var. *magellanica* Schimp. ex Müll.Hal. LES(1531,4897), REU(105,8028), ZAI(65).
Blindia sp. Note: Frahm [1997] concludes that the records attributed to *Dicranodontium humile* P.de la Varde (RWA(46,65), UGA(46)) belong to a species of *Blindia*, possibly *Blindia acuta* [4283].
Blindia stylostegium Müll.Hal., *nom. illeg. incl. spec. prior.* Excluded: see *Blindia caespiticia*.
Borya vulcanica (Brid.) Brid., *nom. inval. in synonym.* = *Aongstroemia filiformis* [4382: 125]
- Brachydontium flexisetum*** Hampe RWA(65).
- Brachymenium abyssinicum*** (Müll.Hal.) A.Jaeger ETH(23,50), ZAI(23,65).
- Brachymenium acuminatum*** Harv. in Hook. ANG(23,46), BEN(4302), BKN(47), BOT(1531), CAF(23,47), CHA(4507,4508), CMN(23,47), CVI(2666,6453), ERI(50), ETH(23), GUI(23,47,1458), IVO(1458), LES(1531,4897), MAU(23,105), MDG(23,40,1925), MLW(23,67,6087), NAM(1531,7155), NGA(47,334,5148,5176), SAF(1531,4897,8328), SUD(3076), SWZ(1531), TAN(23,46), TOG(1878), UGA(46), ZAI(65), ZAM(23,46,62), ZIM(23,46,61).
Brachymenium altipes Paris & Broth. = *Brachymenium acuminatum* (23: 4)
Brachymenium angolense (Welw. & Duby) A.Jaeger = *Brachymenium systylium* (2797: 46)
Brachymenium angusti-limbatum Broth. & Paris = *Brachymenium leptophyllum* (23: 20)
- Brachymenium angustirete*** Ochi ERI(354), ETH(23).
Brachymenium anthracodictyon P.de la Varde = *Brachymenium speirocladum* (354)
- Brachymenium apiculatum*** P.Beauv. MAU(105), MDG(40), ROD(105).
Brachymenium argenteum Thér. = *Brachymenium pulchrum* (23)
Brachymenium aureo-nitens Broth. & Paris = *Brachymenium acuminatum* (23: 4)
Brachymenium auriculatum (Müll.Hal.) Broth. = *Brachymenium apiculatum* (23: 4)
Brachymenium baronii Paris, *nom. nud.* = *Pohlia baronii* [4267: 25].
Brachymenium bequaertii Dixon & Thér. = *Brachymenium flexifolium* (354)
Brachymenium borgenianum Hampe = *Brachymenium acuminatum* (23: 4)
Brachymenium borgenii Renauld, *nom. illeg. incl. spec. prior.* = *Brachymenium borgenianum* [1521] (= *Brachymenium acuminatum*)
Brachymenium cagnii Negri = *Entosthodon wichurae* (6802)
Brachymenium campylotrichum (Müll.Hal.) Broth. = *Brachymenium angolense* (23) (= *Brachymenium systylium*)
- Brachymenium capitulum*** (Mitt.) Kindb. CAF(47), CMN(23,47), DJI(1569), ETH(111), GHA(47), GUI(23,47,5041), IVO(4928), KEN(23,46,2661), MDG(40), MLW(23,67),

- NGA(334), RWA(65), SUD(8227), TAN(23,46), UGA(46), ZAI(65), ZAM(46).
Brachymerium cellulare (Hook.) A.Jaeger = *Bryum cellulare* [1521]
Brachymerium chandleri Dixon = *Brachymerium leptophyllum* (23: 20)
- Brachymerium chilense*** Ochi & Mahu SAF(4670,8328).
- Brachymerium commutatum*** var. *attenuatum* Thér. & Trab. MLI(47).
- Brachymerium commutatum*** var. *commutatum* (Müll.Hal.) A.Jaeger ERI(50).
- Brachymerium curvitheca*** Dixon ETH(50).
- Brachymerium deceptivum*** A.J.Shaw & W.R.Buck ETH(6268).
Brachymerium densifolium (Ångstr.) Broth. = *Brachymerium acuminatum* (23: 4)
- Brachymerium dicranoides*** (Hornsch.) A.Jaeger MLW(6087), NAM(7155),
SAF(23,1531,8328), ZIM(46).
Brachymerium djolibae Broth. & Paris = *Brachymerium leptophyllum* (23: 20)
Brachymerium dusenii Broth. = *Brachymerium acuminatum* (23: 4)
Brachymerium dusenii Paris. Excluded: an undescribed specimen (*Dusen* 772) from Cameroon.
- Brachymerium elgonense*** Dixon KEN(46), UGA(46), ZAI(65).
Brachymerium eriophorum Rehmman ex Kindb., *nom. nud.* = *Brachymerium pulchrum* [1911: 318]
- Brachymerium erythraeae*** Broth. ex Chiov. ERI(50).
Brachymerium erythraeae Broth. ex. Chioventa, *nom. nud.* Excluded: no description available.
- Brachymerium eurychelium*** Besch. MAU(105), MLW(6087), REU(23,105), ROD(23).
- Brachymerium exile*** (Dozy & Molk.) Bosch & Sande Lac. BEN(4302), CAF(47),
CMN(23), CVI(2666), DJI(1569), ERI(23,50), ETH(23), GUI(47,1458), IVO(1458),
KEN(6615), MAU(6859), MDG(23,40,1925), NGA(23,334), NGR(23), REU(4777,5440),
SAF(23), SEN(1458), SEY(2353), SUD(23), TAN(23,46), TOG(23,1878), ZAM(62),
ZIM(46).
- Brachymerium flexifolium*** Bruch & Schimp. ex A.Jaeger CMN(47), CON(354),
ETH(23,50,1927), KEN(46), UGA(23), ZAI(65,354).
- Brachymerium fragile*** A.Jaeger SUD(3076).
Brachymerium fusiforme Dixon = *Brachymerium flexifolium* (354)
Brachymerium gemniferum J.Shaw & W.R.Buck = *Brachymerium exile* (5440)
Brachymerium geniculatum Dixon = *Brachymerium leptophyllum* (23: 20)
Brachymerium heribaudii Renaud & Cardot = *Pohlia heribaudii* [1521] (= *Pseudopohlia microstoma*)
Brachymerium heribaudii var. *madagassum* Renaud & Cardot = *Pohlia heribaudii* var. *madagassum* [1521]
Brachymerium holstii Broth. = *Brachymerium angolense* (23) (= *Brachymerium systylium*)
Brachymerium huillense (Welw. & Duby) A.Jaeger = *Bryum huillense* [23]
Brachymerium julaceum Hornsch. = *Brachymerium pulchrum* (83: 345)
Brachymerium kikuyuense Broth. & Thér. = *Brachymerium philonotula* (23: 9)
Brachymerium koratranum (Müll.Hal.) Müll.Hal. = *Brachymerium pulchrum* (83: 345)
Brachymerium latifolium V.Leroy = *Brachymerium rigidum* (23)
- Brachymerium leptophyllum*** (Bruch & Schimp. ex Müll.Hal.) Bruch & Schimp. ex A.Jaeger
BIO(2662), CAF(23,47), CMN(23,47), ETH(23,50,111,1927), GAB(47),
GUI(23,47,1458), IVO(63), KEN(46), MAS(40), MAU(23,105), MDG(40), MLW(23,67),
NGA(334,5176), REU(5440), RWA(23,65), SAF(1531,4897,8328), SAO(23), SEN(23),
SIE(47), TAN(23,46), TOG(23,58,1878,2851), UGA(23,46), ZAI(65), ZAM(62),
ZIM(23,46,61).
Brachymerium leucotrichum Müll.Hal. = *Bryum leucotrichum* (1521)
Brachymerium liliputanum (Müll.Hal.) Broth. = *Brachymerium dicranoides* (83: 342)
Brachymerium lineale Renaud & Cardot = *Pohlia elongata* (23)
Brachymerium lonchopus P.de la Varde = *Brachymerium acuminatum* (23: 4)
Brachymerium longicolle Thér. = *Brachymerium leptophyllum* (46)
Brachymerium maclaudii (Broth. & Paris) P.de la Varde = *Brachymerium acuminatum* (23: 4)
Brachymerium maclaudii var. *procerum* Dixon. Excluded: the owning species of this variety (recorded only by its type
specimen from DR Congo) is now a synonym of *Brachymerium acuminatum*.
- Brachymerium madagassum*** Hampe MDG(23,40).
Brachymerium marchandii Broth., *othogr. err.* = *B. maclaudii* [1521] (= *Brachymerium acuminatum*)
Brachymerium megalacrion (Schwägr.) A.Jaeger, *nom. illeg. incl. spec. prior.* = *Brachymerium apiculatum* (1521)
- Brachymerium meruense*** (Müll.Hal.) Lindau TAN(46).
Brachymerium microcarpum Broth. = *Brachymerium nepalense* (23)
Brachymerium mielichhoferioides Müll.Hal. ex Venturi = *Brachymerium acuminatum* (23: 4)
Brachymerium mildbraedii Broth. in Mildbr. = *Brachymerium leptophyllum* (23: 20)

- Brachymenium mildbraedii* var. *subelimbatum* Thér. & P.de la Varde = *Brachymenium leptophyllum*. Note: Ochi (23) does not mention this variety when he synonymises the main species with *Brachymenium leptophyllum*; considering the variable nature of the plant, particularly the soft and easily-decaying leaves, I have assumed that the variety should also be referred here.
- Brachymenium minutifolium* Broth. & P.de la Varde = *Brachymenium leptophyllum* (23: 20)
- Brachymenium molleri* (Müll.Hal.) Kindb. = *Brachymenium subuliferum* (354)
- Brachymenium myurella*** (Müll.Hal.) Broth. GUI(47), KEN(46), SUD(3076).
Brachymenium myurelloides Paris, *nom. illeg. incl. spec. prior.* = *Brachymenium dusenii* [1521; 25: 131]. Excluded: see *Brachymenium dusenii*.
Brachymenium neesii (Müll.Hal.) Paris = *Brachymenium dicranoides* [1911: 320; 83: 342]
- Brachymenium nepalense*** Hook. in Schwägr. BIO(23,47,2659,2662), CMN(23), GUI(23), MAU(23,105), MDG(23,40,6908), MLW(67,6087), RWA(65), SAF(1531,4897,8328), SAO(23), SOC(40,1626,2374,5613), SWZ(4418), ZAI(23,65,354).
- Brachymenium nigrescens*** Besch. MDG(23,40).
- Brachymenium notarisii*** (Mitt.) A.J.Shaw CVI(2666,6453), MDG(40).
Brachymenium nutans Nees ex Müll.Hal., *nom. nud. in synonym.* = *Brachymenium neesii* [4378: 66] (= *Brachymenium dicranoides*)
- Brachymenium pachyloma*** (Cardot) Thér. in P.de la Varde ZAI(65).
Brachymenium pallidojulaceum (Müll.Hal.) Paris = *Brachymenium acuminatum* (83: 343)
Brachymenium perrevolutum J.F.Leroy = *Brachymenium rigidum* (23)
- Brachymenium philonotula*** Broth. BUR(65), CVI(2666,6453), KEN(23,46), MDG(23,40), NGA(5160,5176), RWA(2660), TAN(23,46), ZAI(23,65), ZIM(7623).
Brachymenium philonotula Broth. Note: Ochi (23) notes that this taxon is possibly conspecific with *Brachymenium exile*.
Brachymenium philonotula var. *purpurellum* Renaud & Cardot = *Brachymenium purpurellum* [1521] (= *Brachymenium exile*)
Brachymenium piriforme Schimp. ex Paris, *nom. nud.* = *Brachymenium pyriforme* [1521]. Excluded: see *Brachymenium pyriforme*.
Brachymenium plumella (Müll.Hal.) Paris = *Pohlia plumella* [1521]
Brachymenium pobeguinii Broth. & Paris = *Brachymenium leptophyllum* (23: 20)
Brachymenium polychaete Paris, *nom. nud.* Excluded: an undescribed specimen from Cameroon (*Dusén 343*).
- Brachymenium procerrimum*** Broth. CMN(47), KEN(46), RWA(2675), TAN(46), UGA(23,46).
- Brachymenium pulchrum*** Hook. KEN(23,46), MDG(23,40,2672), MLW(23,67), REU(105), ROD(105), SAF(23,1531,3411,4897,7766,8328), SWZ(1531), TAN(46), ZIM(23,46,61).
Brachymenium pulchrum var. *subsphaericum* Dixon = *Brachymenium pulchrum* (23)
Brachymenium purpurellum (Renaud & Cardot) Cardot = *Brachymenium exile* (40: 212)
Brachymenium pyriforme Schimp. ex A.Jaeger, *nom. nud.* Excluded: no specimen is associated with this name.
Brachymenium radiale Kindb., *nom. nud.* = *Brachymenium nepalense* (23)
Brachymenium radiale var. *leptoradiale* Paris, *nom. nud.* = *Brachymenium nepalense* (40: 212)
Brachymenium recurvatum Broth. & P.de la Varde = *Brachymenium leptophyllum* (23: 20)
- Brachymenium revolutum*** Broth. CMN(23,47), KEN(3412).
Brachymenium rhodesiae Dixon = *Brachymenium rigidum* (23)
- Brachymenium rigidum*** Broth. & Paris ANG(46), GUI(23,47), KEN(46), MDG(40), RWA(23,65), TAN(46), UGA(46), ZIM(23,46,61).
Brachymenium rigidum var. *leptocarpum* Broth. & Paris = *Brachymenium capitulatum* (354)
Brachymenium rosulatum P.de la Varde, *hom. illeg.* = *Brachymenium speirocladum* (23)
Brachymenium ruwenzorensense Thér. & Naveau = *Brachymenium nepalense* (354)
Brachymenium saharicum Thér. & Trab. = *Brachymenium exile* (23: 8)
- Brachymenium spathidophyllum*** Besch. REU(105).
- Brachymenium speirocladum*** Müll.Hal. ex Besch. CAF(23,47), CMN(23,47), COM(23,40), MAS(40), MLW(23,67), TAN(23,46), TOG(1878), UGA(46), ZAI(65).
Brachymenium splachnoides Harv. = *Bryum cellulare* [2797: 55]
Brachymenium stenopyxis Müll.Hal. ex Geh., *nom. nud.* = *Brachymenium dicranoides* [1911: 320]
Brachymenium stenopyxis Müll.Hal. ex Sim, *orthogr. err.* = *Bryum stenopyxis* [1521] (= *Bryum argenteum*)
Brachymenium stenothecca Dixon = *Brachymenium flexifolium* (23)
Brachymenium stercorurum Müll.Hal. = *Brachymenium exile* (23: 7)
Brachymenium subdecursivum (Müll.Hal.) Müll.Hal., *nom. inval. in synonym.* = *Bryum argenteum* var. *viride* [1911: 321] (= *Brachymenium exile*)
Brachymenium subdeflexifolium Renaud & Cardot ex Paris, *orthogr. err.* = *Brachymenium subflexifolium* [1521] (= *Brachymenium nepalense*)
Brachymenium suberectum (Mitt.) A.Jaeger = *Brachymenium nepalense* (354)

- Brachymenium subflexifolium* Renauld & Cardot = *Brachymenium nepalense* (23)
Brachymenium subflexifolium var. *pachypoma* Renauld & Cardot ("*pachyloma*" in Crosby & Schultze-Motel, (40)) =
Brachymenium nepalense (23)
Brachymenium submicrocarpum Broth. = *Brachymenium nepalense* (23)
Brachymenium substereoneurum Dixon & Thér. = *Brachymenium philonotula* (23: 9)
- Brachymenium subuliferum*** (Mitt.) A.Jaeger SAO(23,47), ZAI(23,65).
- Brachymenium systylium*** (Müll.Hal.) A.Jaeger ANG(23,46), ETH(1927),
KEN(23,46,3412,6615,7251), MLW(67,411,6087), NAM(1531), RWA(2660),
SAF(23,1531,3411,4897,8328), TAN(23,46), UGA(23,46), ZAI(23,65), ZAM(46,62),
ZIM(46,61).
Brachymenium torquescens Schimp. ex Paris, *nom. nud.* Excluded: no specimen is associated with this name.
Brachymenium turgiditheca Dixon = *Brachymenium leptophyllum* (354)
Brachymenium variabile Dixon = *Brachymenium leptophyllum* (23: 20)
Brachymenium viviparum Cardot = *Brachymenium exile* (40: 212)
Brachymenium volkensisii Broth. = *Brachymenium leptophyllum* (23: 20)
Brachymenium welwitschii (Duby) A.Jaeger = *Brachymenium acuminatum* (23: 4)
Brachymenium wolkenzii Broth. ex Paris, *err.* = *Brachymenium volkensisii* [1521] (= *Brachymenium leptophyllum*)
Brachymitrium immersum Goffinet = *Tayloria immersa* [7870: 758]
- Brachymitrium jamesonii*** Taylor CMN(47).
- Brachymitrium moritzianum*** (Müll.Hal.) A.K.Kop. BIO(2662), CMN(47,123),
MDG(40,123), SAO(47).
- Brachymitrium pocsii*** (A.K.Kop.) A.K.Kop. TAN(46).
Brachypodium crispatum (Hedw.) Brid. = *Ptychomitrium crispatum* (1519: 474)
Brachypodium flexum Nees ex Drege, *nom. nud.* Excluded: no specimen is associated with this name [1911: 215]
Brachysteleum convolutifolium J.Shaw. Excluded: type collection destroyed and description insufficient to place to a
genus (1519: 475)
Brachysteleum crassinervium Müll.Hal. = *Ptychomitrium crassinervium* (1519: 473)
Brachysteleum crispatum (Hedw.) Hornsch. = *Ptychomitrium crispatum* [1521]
Brachysteleum crispatum var. *brachycarpum* Hornsch. = *Ptychomitrium cucullatifolium* [1506: 1: 769]
Brachysteleum cucullatifolium Müll.Hal. = *Ptychomitrium cucullatifolium* (1519: 472)
Brachysteleum depressum Müll.Hal. = *Ptychomitrium depressum* (1519: 469) (= *Ptychomitrium sellowianum*)
Brachysteleum mucronatum Müll.Hal. = *Ptychomitrium mucronatum* [1521]. Excluded: see *Ptychomitrium mucronatum*.
Brachysteleum obtusatum Müll.Hal. = *Ptychomitrium cucullatifolium* (1519: 472)
Brachythecium abyssinicum Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia [50].
Brachythecium adscendens Hampe ex Dixon & A.Gepp, *nom. nud. in synonym.* = *Brachythecium implicatum* [6568: 214]
Brachythecium afroalbicans Dixon = *Ischyrodon lepturus* (53: 22) (= *Juratzkaea incisa*)
- Brachythecium afroglareosum*** (Broth.) Paris ETH(111,1927), KEN(46,136), TAN(46),
UGA(46), ZAI(65).
Brachythecium afrosalebrosus Müll.Hal. = *Brachythecium implicatum* [4800: 221]
Brachythecium afrovelutinum Müll.Hal. = *Brachythecium implicatum* [4800: 221]
- Brachythecium athrocladum*** Mitt. STH(1296,4202,5331).
Brachythecium atrotheca (Duby) Besch. = *Brachythecium implicatum* [1848: 522; 717: 201]
Brachythecium blackburnianum Schimp. ex A.Jaeger, *nom. nud.* Excluded: based on an undescribed specimen from
Mauritius, leg. Blackburn.
Brachythecium blackburnii Kindb., *nom. nud.* = *Brachythecium blackburnianum* [1521] Excluded: see *Brachythecium*
blackburnianum.
- Brachythecium borgenii*** (Hampe) A.Jaeger COM(40), ETH(111), KEN(46),
MAU(105,3410), MDG(40), REU(105,3410), TAN(46), UGA(46).
Brachythecium caespitans Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from
Ethiopia [50].
- Brachythecium chauvetii*** Renauld & Cardot REU(105,3410).
Brachythecium complanatum Müll.Hal. = *Isopterygium complanatum* [1521]
- Brachythecium decurrens*** Cardot MDG(40), REU(3410).
Brachythecium denticulatum (Hedw.) Rau ex Aust. & Jam. = *Plagiothecium denticulatum* [1521] Note: see
Plagiothecium denticulatum.
Brachythecium dicksonii Rehmann ex Geh., *nom. nud.* = *Brachythecium implicatum* [4800: 221]
- Brachythecium duemmeri*** Dixon ETH(111), KEN(46), TAN(46), UGA(46).
Brachythecium erythropyxis Müll.Hal. = *Brachythecium implicatum* [1911: 369]
- Brachythecium gloriosum*** (Müll.Hal.) Kindb. ETH(111), KEN(46,2661), RWA(65),
TAN(46).
- Brachythecium hedbergii*** P.de la Varde RWA(65), TAN(46), UGA(46).

- Brachythecium hofferi* Welw. & Duby ex Paris, *orthogr. err.* = *Brachythecium hopfferi* [1521] (= *Rhynchostegium hopfferi*)
Brachythecium hopfferi (Welw. & Duby) Paris = *Rhynchostegium hopfferi* [1521]
- Brachythecium implicatum*** (Müll.Hal.) A.Jaeger BUR(65), ETH(1927), KEN(46,3412), LES(1531,4897), RWA(46,65), SAF(1531,3411,4897,7766,8328), TAN(46), UGA(46), ZAI(65), ZIM(46).
Brachythecium inandae Rehmman ex Geh., *nom. nud.* = *Brachythecium implicatum* [1911: 369]
- Brachythecium inconditum*** Besch. MAS(40).
Brachythecium indistinctum Müll.Hal. ex Renauld = *Brachythecium borgenii* [1848: 522; 40: 236]
Brachythecium knysnae Müll.Hal. = *Brachythecium implicatum* [4800: 221]
Brachythecium leskeifolium (Müll.Hal.) Paris = *Pseudoleskea leskeoides* [1911: 383]
Brachythecium maclaudii Broth. & Paris = *Brachymenium maclaudii* [1521] (= *Brachymenium acuminatum*)
Brachythecium macowani Rehmman ex Geh., *nom. nud.* = *Brachythecium implicatum* [6568: 214]
Brachythecium melanangium Müll.Hal. ex C.H.Wright, *nom. nud.* = *Brachythecium borgenii* [1848: 522; 40: 236]
Brachythecium membranosum Müll.Hal. = *Rhynchostegium brachypterum* [1911: 374]
- Brachythecium mildeanum*** (Schimp.) Schimp. TAN(46), UGA(46).
Brachythecium minutirete Müll.Hal. = *Brachythecium plumosum* [10: 1147]
Brachythecium mittenii E.Britton & Renauld = *Homalothecium nilgheriense* [1848: 521; 40: 237] (= *Palamocladium leskeoides*)
- Brachythecium negrii*** Tosco & Piovano KEN(46).
Brachythecium nigroviride Kindb. TAN(46), UGA(46).
Brachythecium orthopyxis Rehmman ex Paris, *nom. nud.* Excluded: based on the undescribed specimen (*Rehmman 377*) from South Africa.
- Brachythecium pinnatum*** Dixon SAF(1531,8328).
Brachythecium plumeum Müll.Hal. ex Paris, *nom. nud.* Excluded: based on the undescribed specimen (*Dusén 297*) from Cameroon.
Brachythecium plumosiforme (Müll.Hal.) A.Jaeger = *Brachythecium plumosum* [10: 1147]
- Brachythecium plumosum*** (Hedw.) Bruch, Schimp. & W.Gümbel KEN(46,4112,5315), LES(1531), REU(3410), RWA(65), SAF(1531,7766,8328), TAN(146), TOG(2851), UGA(46,3410), ZAI(65).
Brachythecium plumosum var. *populeum* (Hedw.) Rau & Herv. = *Brachythecium populeum* [1521]
Brachythecium popfferi Welw. & Duby ex Paris, *err.* = *Brachythecium hopfferi* [1521] (= *Rhynchostegium hopfferi*)
- Brachythecium populeum*** (Hedw.) Bruch, Schimp. & W.Gümbel SAF(1531,8328), TAN(46).
Brachythecium preussii (Broth.) Paris CMN(47).
Brachythecium pseudo-depressum Müll.Hal. ex Paris, *nom. nud.* = *Brachythecium borgenii* [1848: 522]
Brachythecium pseudo-eriocladum Müll.Hal. ex Paris, *nom. nud.* = *Brachythecium vellereum* [50: 239]
- Brachythecium pseudopopuleum*** (Müll.Hal.) Schimp. SAF(1531,8328).
Brachythecium pseudovelutinum (Müll.Hal.) A.Jaeger SAF(1531,8328).
Brachythecium pulchrirete Müll.Hal. = *Brachythecium plumosum* [10: 1147]
Brachythecium purum (Hedw.) Dixon = *Pseudoscleropodium purum* [1521]
- Brachythecium ramicola*** Broth. KEN(46), RWA(46), TAN(46), UGA(46), ZAI(65).
Brachythecium rhynchostegioides Müll.Hal. ex Geh. = *Rhynchostegium brachypterum* [1911: 374]
- Brachythecium rigens*** W.R.Buck KEN(3412), RWA(65).
Brachythecium rivulare Bruch, Schimp. & W.Gümbel KEN(46).
Brachythecium roccatii G.Negri UGA(46).
Brachythecium rutabulum var. *rivulare* (Bruch, Schimp. & W.Guembel) Lang. = *Brachythecium rivulare* [1521]
- Brachythecium rutabulum*** var. *rutabulum* (Hedw.) Bruch, Schimp. & W.Gümbel ETH(1927), TAN(146).
Brachythecium salebrosum (F.Weber & D.Mohr) Bruch, Schimp. & W.Gümbel MLW(67), RWA(65), SAF(1531,8328), SWZ(1531), ZAI(65), ZIM(46,61).
Brachythecium salebrosum ssp. *mildeanum* (Schimp.) Renauld & Cardot = *Brachythecium mildeanum* [1521]
Brachythecium serpentinum Müll.Hal. ex Paris, *nom. nud.* Excluded: based on an undescribed specimen (*Dusén 276*) from Cameroon.
- Brachythecium spectabile*** Broth. ETH(1927), KEN(46), RWA(46), TAN(46), UGA(46), ZAI(65).
Brachythecium starkei var. *sublaeve* Thér. ZAI(65).
Brachythecium strictopatens Müll.Hal. = *Brachythecium populeum* [11: 365]
Brachythecium subfurcatum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection from Ethiopia [50].

- Brachythecium sublaetum*** Broth. RWA(65), TAN(146).
- Brachythecium subrutabulum*** (Müll.Hal.) A.Jaeger LES(1531,4897), SAF(1531,7766,8328).
Brachythecium sulphurascens Müll.Hal., *nom. nud. in synon.* = *Brachythecium implicatum* [1911: 369]
Brachythecium trachypodioides Schimp. ex Paris, *nom. nud.* = *Brachythecium abyssinicum* (1521). Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia.
Brachythecium trachypodioides Schimp. ex Paris, *nom. nud.* Excluded: see *Brachythecium abyssinicum*.
Brachythecium truncorum Rehm ex Dixon & A.Gepp, *nom. nud.* = *Brachythecium pseudopopuleum* [1911: 371]
- Brachythecium ugandae*** Dixon ETH(111,1927), KEN(46), TAN(46), UGA(46).
- Brachythecium valentinii*** Besch. REU(105).
- Brachythecium vellereum*** Mitt. CMN(47), ETH(50,1927), KEN(46,136,3412), RWA(46,65), TAN(46), UGA(46), ZAI(65,5319).
- Brachythecium velutinum*** var. *velutinum* Bruch, Schimp. & W.Gümbel CHA(4508), UGA(6989).
- Brachythecium vesiculariopsis*** Dixon CMN(47).
Brachythecium wageri Paris ex Sim, *nom. nud. in synon.* = *Brachythecium plumosum* [1911: 371]
- Braunia alopecura*** (Brid.) Limpr. CVI(2666,6453,7708).
- Braunia arbuscula*** (Welw. & Duby) A.Gepp ANG(46), KEN(46), TAN(46), UGA(46), ZAI(65), ZIM(7623).
Braunia brachytheca (Dixon) Broth. = *Braunia secunda* [1911: 350]
- Braunia camptoclada*** P.de la Varde & Thér. KEN(46,3412,5315,6615), TAN(46), ZAI(65).
Braunia diaphana A.Jaeger = *Braunia secunda* [5414: 10]
Braunia elliotii Broth. = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)
- Braunia entodontocarpa*** Müll.Hal. COM(40), KEN(46).
Braunia erosa Müll.Hal. = *Hedwigidium integrifolium* [1911: 349]
Braunia flagellaris Rehm ex Dixon & A.Gepp, *nom. nud.* Excluded: no published description.
Braunia humboldtii (Hook.) Hook.f. = *Rhacocarpus purpurascens* [10: 721; 40]
Braunia julacea (Schwaegr.) J.Shaw = *Erythrodonium julaceum* [1521]
- Braunia laevicuspis*** Broth. ex Engl. ETH(50).
Braunia macowaniana Müll.Hal. = *Hedwigidium integrifolium* [10: 717]
Braunia maritima Müll.Hal. = *Hedwigidium integrifolium* [10: 717]
Braunia maritima var. *rufescens* Müll.Hal. ex Paris, *nom. nud.* = *Hedwigidium integrifolium* [1911: 350]
Braunia montis-deorum Müll.Hal. ex M.Fleisch., *nom. nud.* = *Hedwigidium montis-deorum* M.Fleisch., *nom. nud.*
 Excluded: no published specimen.
Braunia peristomata Dixon = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)
Braunia producta (Hornsch.) J.Shaw = *Forsstroemia producta* [1521]
Braunia pseudodiaphana Rehm ex Dixon & A.Gepp, *nom. nud.* Excluded: no published specimen.
- Braunia rupestris*** (Mitt.) A.Jaeger CMN(47), ETH(50).
- Braunia schimperi*** Bruch, Schimp. & W.Gümbel ERI(50), ETH(50,1927), KEN(46), TAN(46).
Braunia schimperiana A.Jaeger, *nom. illeg. incl. spec. prior.* = *Braunia schimperi* [1521]
Braunia schimperianum var. *latifolium* Broth. ex Engl., *nom. nud.* Excluded: an undescribed collection from Ethiopia [50].
- Braunia secunda*** (Hook.) Bruch & Schimp. ANG(46), BIO(8180), ETH(1927), KEN(46,2661,3412,5315,6615), LES(4897), MLW(67), MOZ(357), RWA(65), SAF(1531,3411,4418,7766,8328), SOC(7778), SWZ(1531), TAN(46), UGA(46), ZAI(65), ZIM(46,61).
Braunia secunda fo. *longipila* Dixon ex Tosco & Piovano. Excluded: any records for this form have been associated with the owning species.
Braunia secunda fo. *xerophitica* Dixon ex Tosco & Piovano. Excluded: any records for this form have been associated with the owning species.
Braunia secunda ssp. *brachytheca* Dixon = *Braunia secunda* [1911: 350]
Braunia secunda var. *pinnata* Sim = *Braunia secunda* (1519: 547)
Braunia secunda var. *sekistos* (Welw. & Duby) Gepp in Hiern = *Braunia diaphana* [8262: 136]
Braunia teres Müll.Hal. = *Hedwigidium integrifolium* [10: 717]
Breidleria africana P.de la Varde = *Hypnum africanum* (355) (= *Hypnum bizotii*)
Breutelia abyssinica Schimp. ex Paris, *nom. nud.* Excluded: *fide* De Sloover, (282).
Breutelia afroscoptaria (Müll.Hal.) Paris = *Breutelia substricta* (83: 437)
Breutelia angustifolia Rehm. ex Sim = *Breutelia microdonta* (829)
Breutelia aristaria (Müll.Hal.) Broth. = *Bartramia aristaria* (83: 416)
Breutelia aristaria var. *plumosa* Sim = *Bartramia capensis* (83: 415)

- Breutelia aureonotens* G.Negri orthogr. err. = *Breutelia auronitens* [1521] (= *Breutelia stuhlmannii*)
Breutelia auronitens G.Negri = *Breutelia stuhlmannii* [16: 260]
- Breutelia borbonica*** De Sloover ETH(1927), REU(105), TAN(46).
Breutelia breutelii (Müll.Hal.) Broth. = *Anacolia breutelii* (83: 411)
Breutelia brevifolia Thér., hom. illeg. = *Breutelia madagassa* var. *madagassa* [1505: 357]
Breutelia cardotii Thér. = *Breutelia viguieri* (282)
- Breutelia diffracta*** Mitt. BIO(3414), CMN(47), ETH(1927), KEN(46,3412,5315,7065),
 LES(1635,4897), MDG(40), MLW(67,411), RWA(65), SAF(1531,4897,8328), TAN(46),
 UGA(46), ZAI(65,5319), ZIM(61).
- Breutelia elliptica*** Magill SAF(1531,7766,8328).
Breutelia gigantea (Brid.) Besch. = *Breutelia stuhlmannii* (40: 217)
- Breutelia gnaphalea*** P.Beauv. CMN(47), KEN(3412,5315), MDG(40), MLW(67),
 REU(105).
- Breutelia gracillima*** Broth. RWA(65), UGA(46), ZAI(65).
- Breutelia humbertii*** P.de la Varde & Thér. KEN(46), RWA(65), TAN(46).
Breutelia kilimandscharica (Müll.Hal.) Kindb. Excluded: *fide* De Sloover, (282) (lacking adequate description and type).
Breutelia lebrunii Demaret & J.F.Leroy = *Breutelia gracillima* (282)
Breutelia macleani Rehmann ex Kindb., nom. nud. = *Breutelia macleana* [1521] (= *Breutelia diffracta*)
Breutelia macleana Rehm. ex Paris = *Breutelia subgnaphalea* [1911: 313] (= *Breutelia diffracta*)
- Breutelia madagassa*** var. *kivuensis* P.de la Varde ZAI(65).
- Breutelia madagassa*** var. *madagassa* Thér. MDG(40).
- Breutelia magdalenae*** De Sloover MAU(105), REU(105).
- Breutelia microdonta*** (Mitt.) Broth. MDG(40,3660), REU(105),
 SAF(1531,1882,3660,8328), ZIM(61).
- Breutelia muhavurensis*** P.de la Varde & Thér. KEN(46,259,6615), RWA(65),
 TAN(46,259), ZAI(282).
- Breutelia perrieri*** Thér. MDG(40), REU(105), TAN(46).
Breutelia rywardenii Bizot = *Breutelia gnaphalea* (46)
- Breutelia sciuroides*** Thér. MDG(40).
Breutelia sclerodictya Cardot = *Breutelia microdonta* (3660)
Breutelia spielhausii (Müll.Hal.) Paris. Excluded: type of basionym (*Bartramia spielhausii*) not found, but may be a
 synonym of *Breutelia capensis* (83: 418)
Breutelia stenodictyon (Renauld & Cardot) Broth. = *Breutelia microdonta* (3660)
- Breutelia stricticaulis*** Dixon KEN(46,7251), RWA(65), UGA(46), ZAI(65).
- Breutelia stuhlmannii*** Broth. KEN(46,3412,5315), MDG(40,282), REU(282), RWA(65),
 TAN(46), UGA(46), ZAI(65,5319).
Breutelia subgnaphalea (Müll.Hal.) Kindb. = *Breutelia diffracta* (282)
Breutelia subgnaphalea var. *densiramea* Negri ex Dixon = *Breutelia diffracta* (282)
- Breutelia substricta*** (Müll.Hal.) Magill LES(1531,4897), SAF(1531,1882,4897,7766,8328).
- Breutelia tabularis*** Dixon ex Sim SAF(1531,8328).
Breutelia theriotii Naveau & Thér. = *Breutelia stricticaulis* (282)
Breutelia tomentosa (Brid.) A.Jaeger. Excluded: *fide* De Sloover, (282) (doubtful for the area).
Breutelia validinervis Dixon in Sim, nom. nud. in synonym. = *Breutelia aristaria* var. *plumosa* [1911: 312] (= *Breutelia capensis*)
- Breutelia viguieri*** Cardot MDG(40).
- Brothera leana*** (Sull.) Müll.Hal. MLW(134), SAF(7482,8328).
- Bruchia brevipes*** Harv. ex Hook. SAF(1531,4592,8328).
- Bruchia eckloniana*** Müll.Hal. SAF(1531,8328).
Bruchia elegans (Hornsch.) Müll.Hal. = *Bruchia brevipes* [8320: 313; 8020: 92]
Bruchia foveolata Magill = *Bruchia queenslandica* (4592)
Bruchia laxifolia (Renauld & Cardot) Broth. = *Pseudephemerum laxifolium* [1521] (= *Pseudephemerum nitidum*)
Bruchia longifolia (Cardot) Roth = *Pseudephemerum longifolium* [4363: 139]
- Bruchia queenslandica*** I.G.Stone NAM(1531,4592,7155), ZIM(5525).
Bruchia rehmannii Müll.Hal. = *Pleuridium pappeanum* (53: 22)
- Bryobartramia novae-valesiae*** (Broth.) I.G.Stone & G.A.M.Scott SAF(1531,7280,8328).
Bryobartramia robbinsii Sainsbury = *Bryobartramia novae-valesiae* (82: 269)
- Bryocephospora aethiopica*** (Welw. & Duby) R.H.Zander ANG(46), ZIM(5298,5525).
- Bryocrumia vivicolor*** (Broth. & Dixon) W.R.Buck KEN(6309), TAN(6809),

- UGA(46,6309,7922), ZAI(65,5319,6309).
Bryoerythrophyllum afrorubellum (Broth. & Wager) De Sloover = *Bryoerythrophyllum campylocarpum* (1420)
Bryoerythrophyllum alpigenum (Venturi) Chen. Note: see *Bryoerythrophyllum recurvirostrum* var. *alpigenum* (Sollman. pers. comm.)
- Bryoerythrophyllum alpigenum*** (Venturi) P.C.Chen KEN(46), TAN(46), UGA(46).
- Bryoerythrophyllum campylocarpum*** (Müll.Hal.) H.A.Crum ANG(259), BUR(65), CAF(47), CHA(47), CMN(47), CVI(6453), ETH(6137), GAB(47), GHA(47), GUI(47), IVO(44), KEN(46), LES(1531,4897), MLW(67,6087), NGA(5148,5160,5176,6263), REU(2653), RWA(65), SAF(1531,4418,4897,7766,8328), SIE(47), TAN(46), TOG(58,2851), UGA(46,1158), ZAI(47,65,5319), ZAM(62), ZIM(61).
- Bryoerythrophyllum ferruginascens*** (Stirt.) Giacom. CVI(2666), ETH(1862,1927,4304), KEN(1862,4304), TAN(1862,4304,7833).
- Bryoerythrophyllum inaequalifolium*** (Taylor) R.H.Zander CVI(2666), ETH(1158,1927), REU(8028), TAN(46).
Bryoerythrophyllum jamesonii (Taylor) H.A.Crum *auct. afr.* = *Bryoerythrophyllum campylocarpum* (1420)
Bryoerythrophyllum recurvirostrum ssp. *eucurvirostrum* Giac., *nom. illeg.* = *Bryoerythrophyllum recurvirostrum* [1521]
Bryoerythrophyllum recurvirostrum ssp. *eurecurvirostrum* Podp., *nom. illeg.* = *Bryoerythrophyllum recurvirostrum* [1521]
Bryoerythrophyllum recurvirostrum var. *angustifolium* (P.de la Varde) Wijk & Margad. = *Bryoerythrophyllum afrorubellum* (1420) (= *Bryoerythrophyllum campylocarpum*).
- Bryoerythrophyllum recurvirostrum*** var. ***recurvirostrum*** (Hedw.) P.C.Chen CHA(4507), ETH(50,111,1927), KEN(46,136,3412), LES(1531,4897), MOZ(357), RWA(65), SAF(1531,4897,8328), TAN(46), UGA(46), ZAI(65).
Bryoerythrophyllum recurvum (Griff.) K.Saito = *Bellibarbula recurva* (1420)
- Bryoerythrophyllum rubrum*** (Jur. ex Geh.) P.C.Chen TAN(46).
Bryoerythrophyllum rubrum (Jur. ex Geh.) P.C.Chen. Note: Sollman (pers. comm.) believes that the occurrence of this taxon in Africa is doubtful, and that the material should be checked.
- Bryohaplocladium angustifolium*** (Hampe & Müll.Hal.) R.Watan. & Z.Iwats. ZAI(5319).
Bryohumbertia filifolia (Hornsch.) J.-P.Frahm = *Campylopus filifolius* [7844]
Bryohumbertia flavicoma (Müll.Hal.) J.-P.Frahm = *Campylopus flavicoma* [7844]
Bryohumbertia metzlerelloides P.de la Varde & Thér. = *Bryohumbertia flavicoma* (481) (= *Campylopus flavicoma*)
- Bryomaltaea obtusifolia*** (Hook.) Goffinet ZAI(65).
Bryomnium solitarium Cardot = *Tayloria solitaria* (123)
Bryosedgwickia aureoides (Broth. & Paris) Broth. = *Platygyriella densa* (47)
Bryosedgwickia barlassina Tosco & Piovano. Note: this taxon was not dealt with in Buck's 1984 paper (3765), so no name is available in *Platygyriella*.
- Bryosedgwickia barlassinae*** Tosco & Piovano KEN(46).
Bryosedgwickia densa (Hook.) Bizot & P.de la Varde = *Platygyriella densa* (3765)
- Bryotestua brevicuspis*** Thér. & P.de la Varde CAF(47).
- Bryotestua longicuspis*** Thér. & P.de la Varde CAF(47).
- Bryowijkia madagassa*** Touw MDG(3075).
- Bryoxiphium norvegicum*** (Brid.) Mitt. MAU(7780).
Bryum abyssinicum Bruch & Schimp. ex Müll.Hal. = *Brachymenium abyssinicum* [1521]
Bryum acuminatum Sim *hom. illeg.* = *Bryum torquescens* (83: 373)
- Bryum acutifolium*** (Thér.) Arts LBR(47).
Bryum aestivum (Hedw.) L. ex With. = *Anoetangium aestivum* [1521]
Bryum africanum Bruch & Schimp., *nom. nud.* Excluded: no source specimen stated.
Bryum afroalpinum Rehmann ex Müll.Hal. = *Bryum alpinum* [4800: 180]
Bryum afrobillardierei Dixon ex Sim, *nom.nud. in synonym.* = *Bryum canariensisiforme* [1911: 336] (= *Bryum canariense*)
- Bryum afrocalophyllum*** P.de la Varde ETH(1927), KEN(23,46), TAN(46).
Bryum afrocrudum Müll.Hal. = *Pohlia afrocruda* (1521)
Bryum afrodimorphum Paris, *nom. nud.* Excluded: an undescribed collection (*Rehmann 243*) from South Africa.
Bryum afrojulaceum Müll.Hal. ex Paris = *Anomobryum afrojulaceum* [1521] Excluded: see *Anomobryum afrojulaceum*.
Bryum afroitorale Müll.Hal. = *Bryum coronatum* (23)
Bryum afronutans Müll.Hal. = *Pohlia nutans* (83: 353)
Bryum afroplumosum Broth. & Paris = *Bryum apiculatum* (354)
Bryum afroturbinatum Rehmann ex Geh., *nom. nud.* = *Bryum aulacomnioides* [1911: 330] (= *Bryum pseudotriquetrum*)
Bryum albicans (Wahlenb.) Roehl., *nom. illeg. incl. spec. prior.* = *Mniobryum wahlenbergii* [1521] (= *Pohlia wahlenbergii*)
Bryum albidum (Hedw.) P.Beauv. = *Octoblepharum albidum* [1521]

Bryum albolimbatum (Hampe & Müll.Hal.) A.Jaeger TAN(46).

Bryum albolimbatum Cardot in Grandid., *hom. illeg.* = *Bryum truncorum* [23] (= *Bryum billardierei* var. *billardierei*)

Bryum albomarginatum Cardot in Thér. MDG(23,40).

Bryum alpopulvinatum Müll.Hal. ANG(23,46), CAF(47), CMN(47), GAB(47), GUI(47), KEN(46), NGA(47,5148), RIM(4639), SIE(47), ZAI(65).

Bryum album (Hedw.) P.Beauv. *err.* = *Bryum albidum* [1521] (= *Octoblepharum albidum*)

Bryum algovicum var. ***rutheanum*** (Warnst.) Crundw. ETH(23,1927), KEN(46), TAN(23,46).

Bryum alpinulum Besch. = *Bryum apiculatum* (6873)

Bryum alpinulum var. *densum* Renaud & Cardot = *Bryum nitens* (23: 62) (= *Bryum apiculatum*)

Bryum alpinulum var. *latinerve* P.de la Varde & Thér. Note: according to Frahm *et al.* this taxon is *Bryum nitens* (2666) (= *Bryum apiculatum*) but Bizot considers it to be *Brachymenium notarisii* (6458: 437); the latter is followed here.

Bryum alpinulum var. ***levieri*** Renaud & Cardot MDG(40).

Bryum alpinum fo. *madagassum* (Thér.) Podp. = *Bryum alpinum* (23)

Bryum alpinum ssp. *viride* (Husn.) Podp. = *Bryum alpinum* var. *viride* [1521]

Bryum alpinum var. ***alpinum*** Huds. ex With. BIO(8180), CMN(47), ETH(1927), KEN(46,3412,5315,6615), LES(1531,4897), MDG(23,40,354), MLW(67,6087), NAM(7155), RWA(2660), SAF(23,1531,7766,8328), TAN(23,46), UGA(23,46), ZIM(61).

Bryum alpinum var. *madagassum* Thér. = *Bryum alpinum* fo. *madagassum* [1521] (= *Bryum alpinum*)

Bryum alpinum var. ***perrevolutum*** P.de la Varde, *nom. inval.* KEN(46), NGA(5160,5176), TAN(46), UGA(46).

Bryum alpinum var. ***viride*** Husn. KEN(46), TAN(46).

Bryum alte-operculatum Besch. = *Bryum nitens* (23: 62) (= *Bryum apiculatum*)

Bryum altissimum Müll.Hal. = *Bryum preussii* [9: 247]

Bryum alto-cristatum Besch. ex Müll.Hal., *nom. nud.* Excluded: no specimen has been associated with this name.

Bryum altoroseum Müll.Hal. ex Broth. = *Rhodobryum altoroseum* [1521] (= *Bryum huillense*)

Bryum ambiguum ssp. *nitens* (Hook.) M.Fleisch. = *Bryum nitens* [1521] (= *Bryum apiculatum*)

Bryum amblyolepis Cardot = *Bryum argenteum* [2094]

Bryum amharensis Schimp. ex Müll.Hal., *nom. nud.* Excluded: no specimen has been associated with this name.

Bryum amplirete Rehm. ex Paris. Excluded: an undescribed specimen (*Rehmann 249*) from South Africa.

Bryum andicola Hook. CAF(21), KEN(46), LES(1531), MLW(67), SAF(1531,4897,8328), SIE(47), SWZ(1531), TAN(21,46), ZAI(21,65), ZIM(61).

Bryum andrei Cardot & P.de la Varde = *Bryum paradoxum* (2797)

Bryum angolense Welw. & Duby = *Brachymenium systylium* (2797: 46)

Bryum angustifolium Schimp. ex Paris, *nom. nud.* = *Bryum semense* [1521] (= *Bryum orthocladon*)

Bryum angustissimifolium Müll.Hal. ex Renaud & Cardot in Levier = *Bryum billardierei* (23)

Bryum anomodon Mont. CVI(23,1296,2666,6453).

Bryum apiculatum Schwägr. BIO(47,2659), BKN(1423), CAF(47), CMN(23,47), COM(23,40), CVI(2666), ETH(6137), GAB(23,47), GHA(4159), GUI(23,47), IVO(44,1880), KEN(23,46), LBR(4159), LES(4897), MAU(23,105), MDG(23,40), MOZ(357), NAM(1531,7155), NGA(4159), REU(23,105), ROD(23,105), SAF(23,1531,8328), SAO(23,47), SEY(1926,1946,1947,2353), SIE(23,47,3216), TAN(23,46), TOG(1878), UGA(5696), ZAI(23,65), ZAM(62).

Bryum appressum Renaud & Cardot = *Bryum robustum* (23) (= *Bryum billardierei*)

Bryum appressum var. *forsythii* Renaud & Cardot ex Levier. Excluded: the owning species of this variety is now a synonym of *Bryum billardierei*; this variety is known only from its type specimen from Madagascar.

Bryum arachnoideum Müll.Hal. ANG(46), BEN(4302), BKN(47), BUR(65), CMN(4310), IVO(1458), KEN(23,46), LES(4897), MDG(23,40), MLW(23,67,6087), NGA(334,5176), RWA(65,2660), SAF(4897), SOC(5613,6049), TAN(46), UGA(46), ZAM(62), ZIM(23,46).

Bryum areoblastum Müll.Hal. = *Bryum apiculatum* (354)

Bryum argentatum Müll.Hal. = *Bryum argenteum* [23]

Bryum argenteum fo. *julaceum* Hampe. Excluded: any records for this form have been associated with the owning species.

Bryum argenteum fo. *laxifolium* Thér. Excluded: any records for this form have been associated with the owning species.

Bryum argenteum fo. *majus* (Schwägr.) Podp. Excluded: any records for this form have been associated with the owning species.

Bryum argenteum var. ***argenteum*** Hedw. ANG(46), ASC(23,1296,5340), BEN(4302), BIO(8180), BOT(1531), BUR(65), CAF(47), CHA(47,4507,4508), CMN(23,47),

COM(40), CVI(2666,6453), ERI(50), ETH(23,50,1927,6137), GAB(47), GUI(47), KEN(23,46,136,2661,3412,5315,6615,7065), LES(1531,4897), MAU(105), MDG(23,40,6908), MLW(67), MOZ(357), NAM(1531,7155,8024), NGA(23,334,5176), REU(23,105), RWA(65,2660), SAF(23,1531,7766,8328), SAO(23,47), STH(1296,4202,4626,5331), SUD(3076), SWZ(1531), TAN(23,46), TOG(58,1878), UGA(23,46), ZAI(23,65), ZAM(46), ZIM(46,61,5525).

Bryum argenteum var. *argyrotichum* (Müll.Hal.) Mitt. = *Bryum argenteum* var. *lanatum* [1911: 328] (= *Bryum argenteum* var. *argenteum*)

Bryum argenteum var. *australe* Sim = *Bryum argenteum* (83: 365)

Bryum argenteum var. *incanum* Sim, nom. nud. = *Bryum argenteum* var. *lanatum* [1911: 328] (= *Bryum argenteum* var. *argenteum*)

Bryum argenteum var. *lanatum* (P.Beauv.) Hampe = *Bryum argenteum* var. *argenteum* (5201)

Bryum argenteum var. *majus* Schwägr. = *Bryum argenteum* (2267)

Bryum argenteum var. *proliferum* Sim = *Bryum argenteum* (83: 365)

Bryum argenteum var. *rotundifolium* Sim = *Bryum cellulare* (83: 363)

***Bryum argenteum* var. *submuticum* Besch. REU(105).**

Bryum argenteum var. *viride* Sim = *Brachymerium exile* (23)

***Bryum argentisetum* Müll.Hal. TAN(46).**

Bryum argutidens Rehmann ex Kindb., nom. nud. = *Rhodobryum commersonii* [1911: 340]

Bryum argyrotichum Müll.Hal. = *Bryum argenteum* [4274: 320]

Bryum argyrotichum var. *laxum* Müll.Hal. Excluded: the owing species of this variety is now a synonym of *Bryum argenteum*.

Bryum aschersonii Müll.Hal. = *Bryum capillare* [23]

Bryum aterrimum Müll.Hal. ex Sim = *Bryum torquescens* (83: 373)

***Bryum aubertii* (Schwägr.) Brid. BUR(65), IVO(1458), LES(1531,4897), MAU(23), MDG(23,40), REU(23), SAF(23,1531,7766,8328), TAN(46), ZAI(23,65).**

Bryum aulacomnioides Müll.Hal. = *Bryum pseudotriquetrum* (23)

Bryum aulacomnioides var. *limbatum* Sim = *Bryum pseudotriquetrum* (83: 378)

Bryum auratum Mitt. = *Anomobryum auratum* (1521)

Bryum auricomum Besch. = *Bryum argenteum* (40: 212)

Bryum auriculatum Müll.Hal. = *Brachymerium acuminatum* (23: 4)

Bryum austro-caespiticium Müll.Hal. = *Bryum pseudotriquetrum* [23]

Bryum austro-crudum Müll.Hal. = *Pohlia cruda* [1521]

Bryum austro-ventricosum Renauld = *Bryum aulacomnioides* Müll.Hal. [1911: 330]

Bryum baronii Mitt. ex C.H.Wright, nom. nud. = *Webera decurrens* [1848:274] (= *Pohlia baronii*)

Bryum bartramioides Rehmann ex Geh., nom. nud. = *Anisothecium symonsii* [1911: 60] (= *Anisothecium cardotii*)

Bryum bescherellei Renauld & Cardot in Renauld, hom. illeg. = *Bryum nitens* (23: 62) (= *Bryum apiculatum*)

Bryum bessonii Renauld & Cardot = *Bryum paradoxum* (2094)

Bryum bicolor Dicks. = *Bryum dichotomum* (2797)

Bryum bicolor Müll.Hal., hom. illeg. (non *Bryum bicolor* Dicks.) = *Bryum kilimandscharicum* [10: 580] (= *Bryum algovicum* var. *rutheanum*)

***Bryum billardierei* var. *billardierei* Schwägr. MAU(105,298), MDG(21,23,40), REU(21,23,105), ROD(105,4931), SAF(21), TAN(46), ZIM(46).**

Bryum borgenianum (Hampe) Müll.Hal. = *Brachymerium borgenianum* [1521] (= *Brachymerium acuminatum*)

Bryum brachymeniaceum Müll.Hal. = *Bryum pseudotriquetrum* (83: 378)

Bryum breutelii Müll.Hal. Excluded: see *Weissia reticulata*.

Bryum brevinerve Dixon = *Bryum preussii* (23)

Bryum brotherianum Demaret = *Bryum coronatum* [23]

Bryum bujukuense P.de la Varde = *Bryum pseudotriquetrum* (23)

Bryum bujukuense var. *aristatum* P.de la Varde, nom. inval. in synonym. = *Bryum pseudotriquetrum* [392: 222]

Bryum bulbiferum Rehm. ex Wager, nom. nud., nom. inval. = *Bryum rigidicuspis* [1911: 330] (= *Bryum dichotomum*)

***Bryum bulbillicaule* Müll.Hal. KEN(46).**

Bryum bulbilliferum Rehm. ex Geh., nom. nud. = *Bryum rigidicuspis* [1911: 330] (= *Bryum dichotomum*)

***Bryum bullosum* Müll.Hal. ex Broth. CMN(23,47).**

***Bryum cadetii* Bizot & Onr. REU(105,109).**

Bryum caespiticium var. *bicolor* (Dicks.) Brid. = *Bryum bicolor* [1521] (= *Bryum dichotomum*)

***Bryum caespiticium* var. *caespiticium* Hedw. ANG(46), ETH(1927), LES(1531,4897), MDG(6908), SAF(23,1531,8328), SOC(7778), UGA(23,46).**

Bryum campylocarpum Müll.Hal., nom. nud. Excluded: no specimen has been associated with this name.

Bryum campylopodoides Müll.Hal., nom. nud. Excluded: no specimen has been associated with this name from Mauritius [105].

Bryum campylotrichum Müll.Hal. = *Bryum angolense* (23) (= *Bryum systylium*)

***Bryum canariense* var. *canariense* Brid. CVI(2666,6453), GUI(23,47), LES(1531),**

SAF(23,1531,8328), SWZ(4418), TAN(46), ZAM(62), ZIM(46,61).

Bryum canariense var. *flaccidum* Müll.Hal. = *Bryum mundtii* [1911: 337] (= *Bryum canariense*)

Bryum canariense var. *subtorquatum* Hornsch. ex Sim, *nom. nud. in synonym.* = *Bryum mundtii* [1911: 337] (= *Bryum canariense*)

Bryum canariensisforme Dixon = *Bryum canariense* (53: 22, 83: 381)

Bryum candidum Müll.Hal. = *Bryum argenteum* [10: 586]

Bryum capense (Müll.Hal.) Podp. = *Bryum capillare* [1911: 335]

Bryum capensiargenteum Müll.Hal. = *Bryum argenteum* [1911: 327; 83: 365]

Bryum capillare ssp. *capense* (Müll.Hal.) Podp. = *Bryum capillare* [1911: 335]

Bryum capillare ssp. *torquescens* (De Not.) Kindb. = *Bryum torquescens* (1520)

Bryum capillare var. *capense* Müll.Hal. = *Bryum capillare* [1911: 335]

***Bryum capillare* var. *capillare* Hedw.** BOT(1531), CMN(23,47), COM(23,40), CVI(2666,6453), ERI(50), ETH(23,50), GUI(23,47), KEN(23,46), LES(1531,4897), MDG(23,40), MLW(67), MOZ(46), NAM(1531,7155), SAF(23,1531,4418,4897,8328), SEY(354,2353), SIE(23,47,3216), SOC(2374,5613), SUD(23,3076), SWZ(1531), TAN(23,46), TOG(1878), UGA(46), ZAI(23,65), ZIM(46).

Bryum capillare var. *torquescens* (De Not.) Husn. = *Bryum torquescens* (1520)

Bryum capillareoides Müll.Hal. ex Kindb., *nom. nud.* Excluded: no specimen has been associated with this name.

Bryum capillariforme Schimp. ex Müll.Hal., *nom. nud.* Excluded: no specimen has been associated with this name.

Bryum capillarisetum Müll.Hal., *nom. nud.* = *Bryum areoblastum* [4098: 280] (= *Bryum apiculatum*)

Bryum capillicaule Besch. ex Paris, *nom. nud.* Excluded: no specimen has been associated with this name.

Bryum capitulum Mitt. = *Brachymenium capitulum* (1521)

Bryum carbonicola Müll.Hal. Excluded: no specimen has been associated with this name.

Bryum cavifolium Müll.Hal. ex Paris, *nom. nud.* = *Bryum subcavifolium* [25: 1: 199] (= *Bryum radiculosum*)

***Bryum cellulare* Hook.** BIO(2662), CVI(2666), LES(1531,4897), NAM(1531,7155), NGR(23,51,4504), REU(105,354,1925), SAF(354,1531,8328), SUD(207,6314), SWZ(4418), ZIM(61).

Bryum cellulare ssp. *lipopae* (Thér. & P.de la Varde) P.de la Varde = *Bryum euryphyllum* (354)

Bryum chalarorhodon Müll.Hal. ex Broth. = *Bryum huillense* (354)

Bryum chrysochaete Müll.Hal. ex Paris, *nom. nud.* Excluded: no specimen has been associated with this name.

Bryum chrysoloma Müll.Hal. ex Dixon, *nom. nud.* = *Bryum pumiliroseum* [1911: 336] (= *Bryum andicola*)

Bryum chrysonuron Müll.Hal. Excluded: this taxon is reported for E. African islands (Afr. 3) by the *Index Muscorum* supplement (p. 387), but neither it nor its 11 synonyms were ever recorded for Africa.

Bryum climacodontium Paris, *nom. illeg. incl. spec. prior.* = *Anomobryum cygnicollum* [25: 1: 201]

Bryum commersonii (Schwägr.) Brid. = *Rhodobryum commersonii* (1521)

Bryum commutatum Müll.Hal. = *Brachymenium commutatum* (1521)

Bryum compressulum Müll.Hal. = *Anomobryum compressulum* (1521)

Bryum compylodioides Müll.Hal. ex Geh., *nom. nud. in err.* = *Bryum campylopodoides* [1521]

Bryum condensatum Hampe = *Bryum canariense* (23)

Bryum controversum (Hedw.) P.Beauv. = *Weissia controversa* [1521]

Bryum convolutifolium Dixon = *Bryum apiculatum* (23)

Bryum cordylocarpum Müll.Hal. ex Geh. *nom. nud.* Excluded: an undescribed collection (leg. Spielhaus, 1876) from Table Mountain, South Africa.

***Bryum coronatum* Schwägr.** ANG(23,46), ASC(1296,5340), BIO(47), BUR(65), CAF(23,47,355), CGS(5699,8220), CHA(23), CMN(23,47), DIE(2005,5699), GAB(47), GHA(47), GUI(47), IVO(47,1458,1880), KEN(46), LBR(47), MAU(23,105), MDG(23,40,6908), MLW(23,67), MOZ(357), NGA(47,334,5148,5176,6263), NGR(79), REU(105), RWA(65), SAO(23,47), SEN(47), SIE(47,3216), SUD(3076), TAN(23,46), TOG(58,1878), UGA(23,46), ZAI(65), ZAM(62), ZIM(61).

***Bryum coronatum* var. *latifolium* Broth. & P.de la Varde** CAF(47).

Bryum crispatum Dicks. = *Rhabdoweisia crispata* (1519: 529)

Bryum curvirostrum Dicks., *nom. inval.* = *Bryoerythrophyllum recurvirostrum* [1521]

***Bryum cyathiphyllum* Dixon & Herzog** UGA(23,46), ZAI(23,65).

Bryum cygnicollum Müll.Hal. = *Anomobryum cygnicollum* (1521)

Bryum decaryanum Thér. = *Bryum capillare* (23)

Bryum decurrens Müll.Hal. = *Bryum pseudotriquetrum* (83: 378)

Bryum decursivum Müll.Hal., *hom. illeg.* = *Bryum torquescens* [1911: 335; 83: 373]

***Bryum depressum* Müll.Hal. ex Broth.** BEN(4302), CMN(23,47), GUI(1458), IVO(1458), SIE(47), ZAI(23,65).

Bryum deserticola Broth. & Thér. = *Brachymenium exile* (23: 8)

Bryum diaphanum J.F.Gmel. = *Orthotrichum diaphanum* (1521)

***Bryum dichotomum* Hedw.** BOT(1531), CHA(51,4480,4507,4508), KEN(3412,5315),

MDG(40), NAM(1531,7155), SAF(23,1531,7766,8328), SOC(40,5613), TAN(23,46), ZIM(46,61,5525).

Bryum dicranoides Hornsch. = *Brachymenium dicranoides* (83: 342)

Bryum dicranoides Schimp. ex Müll.Hal., *nom. nud. in synonym. = Brachymenium commutatum* [243: 156]

Bryum didymodon Gmel., *nom. inval. = Didymodon rigidulus* [1521]

Bryum dimorphum Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Rehmann 243*) from South Africa.

Bryum dolioliforme Thér. = *Bryum arachnoideum* (23)

Bryum dongolense Brizi ERI(50).

Bryum donianum Grev. SAF(1531,8328).

Bryum dusenii Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 772*) from Cameroon.

Bryum ecklonianum Müll.Hal. = *Pohlia nutans* [1911: 200; 83: 353]

Bryum elatum Broth. & Paris = *Bryum rhyariocaulon* (354)

Bryum ellipticifolium Müll.Hal. KEN(46), TAN(23,46), UGA(46).

Bryum ellipticifolium var. ***ellipticifolium*** Brizi ETH(50).

Bryum elongatum (Hedw.) With. = *Pohlia elongata* [1521]

Bryum erythrocarpoides Müll.Hal. & Hampe. Note: recorded for the Indian Ocean islands in *Index Muscorum*, but there is no evidence of it occurring in Africa.

Bryum erythrocarpum Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Mauritius [105].

Bryum erythrocarpum var. ***madagassum*** Renaud & Cardot, *nom. illeg.* MDG(40).

Bryum erythrocaulon (Schwaegr.) Brid., *sensu Sim = Bryum truncorum* [1911: 337]

Bryum erythrocaulon (Schwägr.) Brid. CMN(47), MAU(21,105), MDG(21,40),

ROD(105,4931), SAF(1531,7766,8328), SIE(47), TAN(21), ZAI(65).

Bryum erythrocaulon var. *nitidonigrum* (Renaud) Wijk & Margad. = *Bryum erythrocaulon* [83: 383]

Bryum erythropis Müll.Hal. ex Broth., *err. = Bryum erythropis* [1521]

Bryum erythrostegum Müll.Hal. = *Bryum coronatum* (23)

Bryum erythrotropis Müll.Hal. SUD(3076).

Bryum eurychelium (Besch.) Müll.Hal. = *Brachymenium eurychelium* [1521]

Bryum euryphyllum Dixon & P.de la Varde GAB(47), TAN(46), ZAI(23,65).

Bryum eurytomum Renaud & Cardot = *Bryum coronatum* (23)

Bryum falcatum Vill. ex Brid., *nom. inval. in synonym. = Dicranella heteromalla* [7230: 54]

Bryum filiforme Dicks. = *Anomobryum filiforme* (1521) (= *Anomobryum julaceum*)

Bryum filiforme var. *abyssinicum* (Schimp.) Paris = *Anomobryum filiforme* var. *abyssinicum* (1521) (= *Anomobryum julaceum* var. *abyssinicum*)

Bryum filiforme var. *madagassum* (Renaud & Cardot) Renaud & Cardot = *Anomobryum filiforme* var. *madagassum* [1521] Note: see under *Anomobryum filiforme* var. *madagassum*.

Bryum flagellare (Müll.Hal.) Dicks. ex With. = *Orthodicranum flagellare* [1521]

Bryum flexifolium Müll.Hal., *hom. illeg. = Brachymenium flexifolium* (1521)

Bryum fluminale Müll.Hal. ex Broth. = *Bryum erythrocaulon* (21)

Bryum founta-djallonii Paris ex Broth., *nom. illeg. err. = Bryum founta-djallonii* [1521] (= *Brachymenium exile*)

Bryum fontanum (Hedw.) Gaertn. = *Philonotis fontana* [1521]

Bryum founta-djallonii Paris = *Brachymenium exile* (354)

Bryum fragiferum P.de la Varde = *Bryum apiculatum* (354)

Bryum fragiferum var. *angustifolium* P.de la Varde = *Bryum apiculatum* (354)

Bryum fragile Müll.Hal., *hom. illeg. = Brachymenium fragile* (1521)

Bryum fusco-tomentosum Demaret & V.Leroy. Excluded: according to Ochi, the only collection of this taxon (from D.R. Congo) is not a *Bryum*, but probably an *Entosthodon* (354)

Bryum gaudichaudii (Schwaegr.) Spreng. = *Leptotheca gaudichaudii* [1521]

Bryum gemmiparum var. ***ahaggareense*** Thér. & Trab. CHA(4508).

Bryum giganteum (Schwaegr.) Arnott = *Rhodobryum giganteum* [1521]

Bryum globirhodon Müll.Hal. ex Paris, *nom. nud. = Rhodobryum globirhodon* [1521] Excluded: see *Rhodobryum globirhodon*.

Bryum goetzei Broth., *nom. nud.* Excluded: an undescribed collection (*Goetze 166*) from Tanzania.

Bryum gracile Wilson ex Sm. Excluded: = *p.p. Orthodontium lineare* and *p.p. Orthodontium gracile* [1521]

Bryum grammophyllum Müll.Hal. ex Besch., *nom. nud. = Pohlia grammophylla* [1521]

Bryum grammothecium Müll.Hal. ex Besch., *nom. nud.* Excluded: an unpublished collection from Comores [3771; 40].

Bryum griseum Dusén ex Thér. = *Bryum argenteum* (354)

Bryum haematoneurum Müll.Hal. ERI(23,50), ETH(1927), KEN(3412), TAN(46).

Bryum hammatocaulon Müll.Hal. ex Paris, *nom. nud.* Excluded: an unpublished collection (*Dusén 159*) from Cameroon.

Bryum hedbergii P.de la Varde KEN(46,5315), TAN(46).

Bryum hedwigia Brotero = *Hedwigia ciliata* [8263: 410]

Bryum hematoneuron Müll.Hal., *orthogr.err. = Bryum hematoneuron* [1521]

Bryum herpetineuron Thér. = *Bryum perlambatium* (23)

Bryum heteromallum (Hedw.) L. ex Sturm = *Dicranella heteromalla* [1521]

Bryum homalobolax Müll.Hal. ex Renaud = *Bryum huillense* (23)

- Bryum homalobolax* var. *latifolium* (Renauld & Cardot) Cardot = *Bryum huillense* (23)
Bryum homalobolax var. *minus* Thér. = *Bryum billardierei* (23)
Bryum horridulum Müll.Hal. = *Bryum rigidicuspis* (1911) (= *Bryum dichotomum*)
Bryum horridulum Müll.Hal., *nom. nud. in synon* = *Bryum areoblastum* [4098: 280] (= *Bryum apiculatum*)
- Bryum huillense*** Welw. & Duby ANG(23,46), BIO(8180), BUR(65), CAF(47), CMN(23,47), COM(40), ETH(23,1927), GUI(23,47), IVO(44,47), KEN(23,46,6615,7065), MAU(23,105), MDG(23,40,6908), MLW(23,67), NGA(334,5148), RWA(2660), SAO(23,47), TAN(23,46), TOG(23,58,1878), UGA(46), ZAI(23,65), ZAM(62).
Bryum humidulum Sull. & Lesq. = *Pohlia nutans* (83: 353)
Bryum inclusum Müll.Hal. = *Bryum pseudotriquetrum* (23)
Bryum incomptum Besch. = *Bryum nitens* (23: 62) (= *Bryum apiculatum*)
Bryum integrifolium Rehm. ex Geh., *nom. nud.* = *Rhodobryum leucothrix* [6568: 206, 225] (= *Rhodobryum ontariense*)
Bryum intermedium var. *pallens* (Sw.) Hartm., *nom. illeg. prior. ut spec.* = *Bryum pallens* [1521]
Bryum interruptinerve Müll.Hal. ex Besch., *nom. nud.* Excluded: no specimen known, but listed from Comores [3771: 40].
Bryum ischyrospeiron Müll.Hal. ex Paris, *nom. nud.* = *Bryum billardierei* (23)
Bryum joannis-meyeri Müll.Hal. Excluded: according to the author the specimen was collected by Meyer in Usambara (presumably Tanzania rather than Kenya), but no specimen is known.
Bryum julaceum Brid. = *Anomobryum julaceum* [71: 629]
Bryum jungneri Broth. = *Rhodobryum jungneri* [1521] (= *Bryum keniae*)
- Bryum keniae*** Müll.Hal. BIO(2662), BUR(65), CMN(23,47), ETH(23,111), GUI(23,47), KEN(23,46,2661,3412,5315,6615,7065), MLW(67,6087), MOZ(23,46), RWA(65), SAF(23,1531,7766,8328), SWZ(1531), TAN(23,46), UGA(23,46), ZAI(65,2660), ZAM(46), ZIM(23,61).
Bryum kilimandscharicum (Müll.Hal.) R.H.Zander. Excluded: see note under *Phascum kilimandscharicum*.
Bryum kilimandscharicum Broth. = *Bryum algovicum* var. *rutheanum* (23)
Bryum kindiae Paris & Broth. = *Bryum canariense* (354)
- Bryum klinggraeffii*** Schimp. SUD(1707).
Bryum koratranum Müll.Hal. = *Brachymenium pulchrum* (83: 345)
Bryum laceratum Besch. = *Anomobryum laceratum* [1521]
Bryum laceratum var. *comorense* Besch. = *Anomobryum laceratum* var. *comorense* [1521]
Bryum laetenitens Müll.Hal. = *Bryum nitens* (23: 62) (= *Bryum apiculatum*)
Bryum laetevirens Müll.Hal., *nom. nud.* Excluded: no description available and no specimen stated.
Bryum laetum Mitt. ex Sim, *nom. nud. in synon.* = *Bryum muehlenbeckii* [1911: 333]
- Bryum laevigatum*** Hook.f. & Wilson KEN(8170), TAN(8170).
Bryum lanatum (P.Beauv.) Brid. = *Bryum argenteum* var. *argenteum* [5201]
Bryum latirete (Dixon) Ochi = *Anomobryum minutirete* (45)
Bryum latomarginatum Müll.Hal., *nom. nud.* = *Bryum billardierei* (23)
Bryum laxiroseum Müll.Hal. = *Rhodobryum laxiroseum* [1521] (= *Rhodobryum commersonii*)
Bryum laxogemmaceum Müll.Hal. Excluded: type collection indeterminate, *fide* (83: 387)
Bryum lechlabense Broth. ex Sim, *nom. nud. in synon.* = *Bryum aulacomnioides* [1911: 331] (= *Bryum pseudotriquetrum*)
Bryum leloutrei Renauld & Cardot = *Brachymenium pulchrum* (23)
Bryum leptoareoblastum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 71*) from Cameroon.
Bryum leptoblepharum Müll.Hal. = *Pohlia elongata* (83: 351)
- Bryum leptoneurum*** P.de la Varde BIO(8180), ETH(1927), KEN(46), TAN(23,46).
Bryum leptophyllum Bruch & Schimp. ex Müll.Hal. = *Brachymenium leptophyllum* (83: 348)
Bryum leptoroseum Müll.Hal. ex Paris, *nom. nud.* = *Rhodobryum leptoroseum* *nom. nud.* [1521] (= *Bryum keniae*)
- Bryum leptospeiron*** Müll.Hal. COM(23,40), MAU(23,105), MDG(40), SEY(23,354,1926,2353).
Bryum leptothrix Müll.Hal. ex Paris, *nom. nud.* = *Rhodobryum roseum* [1911: 340] (= *Rhodobryum ontariense*)
- Bryum leptotorquescens*** Müll.Hal. ex Broth. ANG(23,46), CAF(47), CMN(23,47), SIE(47), UGA(46).
Bryum leptotrichaceum Rehm. ex Geh., *nom. nud.* = *Anisothecium symonsii* [1911: 160] (= *Anisothecium cardotii*)
Bryum leucothrix Müll.Hal. = *Rhodobryum roseum* [4800: 204; 83: 391] (= *Rhodobryum ontariense*)
- Bryum leucotrichum*** (Müll.Hal.) Müll.Hal. SUD(3076).
Bryum liliputanum Müll.Hal. = *Brachymenium dicranoides* (83: 342)
- Bryum lonchophyllum*** Broth. BIO(23), CMN(23,47), RWA(2660).
Bryum lonchopyxis Müll.Hal. = *Bryum torquescens* [1911: 335; 83: 373]
Bryum longirostre (Brid.) Brid. = *Mnium longirostre* [1521]

- Bryum macleanum* Müll.Hal. Excluded. Type destroyed, *fide* (83: 387)
Bryum madagassanum Thér. ex Podp., *nom. inval. in synonym.* = *Bryum alpinum* var. *madagassanum* [1521] (= *Bryum alpinum*)
Bryum madagassoramosum Broth. = *Bryum billardierei* (23)
Bryum madagassum (Hampe) Müll.Hal. = *Brachymenium madagassum* [1521]
Bryum marchicum A.Roth. = *Philonotis marchica* [1521]
Bryum mariei Besch. = *Bryum coronatum* (23)
- Bryum megalacrion* Schwägr. MAS(40), MDG(23,40).**
Bryum meruense Müll.Hal. = *Brachymenium meruense* (1521)
Bryum microdontium Dixon *hom. illeg.* = *Bryum andicola* (21)
Bryum microdontium var. *compactum* P.de la Varde, *nom. inval.* = *Bryum andicola* (21)
Bryum micro-erythrocarpum Müll.Hal. & Kindb. = *Bryum subapiculatum* [71: 631]
Bryum mielichhoferiacea Müll.Hal. = *Pohlia elongata* (83: 351)
Bryum minutifolium Thér. = *Bryum subargenteum* (23)
Bryum minutirete Müll.Hal. = *Anomobryum minutirete* (45)
- Bryum minutirosatum* Müll.Hal. KEN(46), TAN(46).**
Bryum molleri Müll.Hal. = *Brachymenium molleri* [1521] (= *Brachymenium subuliferum*)
Bryum monilicaule Müll.Hal. ex Dixon & A.Gepp, *nom. nud.* = *Bryum mundtii* [1911: 338] (= *Bryum canariense*)
Bryum moniliforme Müll.Hal., *nom. nud.* Excluded: no specimen known.
Bryum mucronulatum Thunb., *hom. illeg.* = *Barbula apiculata* [8168: 2: 89] (= *Barbula unguiculata*)
- Bryum muehlenbeckii* Bruch & Schimp. SAF(23), ZAI(65).**
Bryum muehlenbeckii ssp. *abduanum* (Rota) Giacom. = *Bryum muehlenbeckii* var. *viride* [4926: 360] (= *Bryum muehlenbeckii*)
Bryum muehlenbeckii var. *abduanum* (Rota) Podp., *nom. inval. incl. var. prior.* = *Bryum muehlenbeckii* var. *viride* [4926: 360] (= *Bryum muehlenbeckii*)
Bryum muehlenbeckii var. *typicum* Podp., *nom. illeg.* = *Bryum muehlenbeckii* [4926: 360]
Bryum muehlenbeckii var. *viride* Amann = *Bryum muehlenbeckii* [23: 60]
Bryum mundtii Müll.Hal. = *Bryum canariense* (83: 381)
Bryum mundtii var. *flaccidum* (Müll.Hal.) Müll.Hal. = *Bryum mundtii* [1911: 337] (= *Bryum canariense*)
Bryum myurella Müll.Hal. = *Brachymenium myurella* (23)
Bryum myurella Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Brachymenium dusenii* [10: 228] (= *Brachymenium acuminatum*)
Bryum myurellodes Paris, *nom. nud.* = *Brachymenium dusenii* [25: 1: 121; 10: 228] (= *Brachymenium acuminatum*)
- Bryum nanocapillare* Müll.Hal. ERI(50).**
Bryum nano-ovale Müll.Hal., *nom. nud.* = *Bryum argenteum* var. *lanatum* [2787: 216] (= *Bryum argenteum* var. *argenteum*)
Bryum nanopyxis Müll.Hal. ex C.H.Wright, *nom. nud.* = *Bryum nitens* (40: 214) (= *Bryum apiculatum*)
Bryum nanorrhodon Müll.Hal. ex Besch. = *Bryum billardierei* (23)
Bryum nanotorquescens Müll.Hal. = *Bryum capillare* (354)
Bryum naropyxis Müll.Hal. ex C.H.Wright, *num. nud. err.* = *Bryum nanopyxis* [1521] (= *Bryum apiculatum*)
- Bryum neelgheriense* var. *wichurae* (Broth.) Mohamed MDG(6908).**
Bryum neesii Müll.Hal. = *Brachymenium dicranoides* [1911: 320; 83: 342]
Bryum nigerianum var. *germainii* P.de la Varde & Demaret = *Bryum capillare* (354)
Bryum nigerianum var. *nigerianum* Broth. & Paris = *Bryum capillare* (354)
Bryum nigrescens (Besch.) Müll.Hal. = *Brachymenium nigrescens* [1521]
Bryum nitens Hook. = *Bryum apiculatum* (6873)
Bryum nitidonigrum Müll.Hal. ex Renauld = *Bryum truncorum* var. *nitidonigrum* [1521] (= *Bryum billardierei*)
Bryum norvegicum Gunn, *nom. inval.* = *Bartramia halleriana* [8172: 389]
Bryum nutans (Hedw.) Turm. = *Pohlia nutans* [1521]
Bryum ocabiense Broth. & P.de la Varde = *Bryum apiculatum* (354)
Bryum ochropyxis Müll.Hal. ex Paris, *nom. nud.* = *Bryum mundtii* [1911: 338] (= *Bryum canariense*)
Bryum ocabiense Broth. & P.de la Varde, *orthog. pro Bryum ocabiense* = *Bryum apiculatum* (354)
Bryum oligoloma P.de la Varde = *Bryum capillare* s.l (23)
Bryum oranicum Müll.Hal. = *Bryum argenteum* (83: 365)
- Bryum orthocladum* Bruch, Schimp. & W.Gümbel ex Schimp. in Paris ETH(23,50), KEN(23).**
Bryum orthodontum P.Beauv. = *Tayloria orthodonta* (83: 333)
Bryum orthophyllum Besch. = *Bryum nitens* (40: 214) (= *Bryum apiculatum*)
Bryum ovale (Hedw.) Hoffm. ex Dicks. = *Grimmia ovalis* [1521]
Bryum pachyloma Cardot = *Brachymenium pachyloma*
Bryum pachypoma Mont. = *Bryum apiculatum* (2797)
- Bryum pallens* var. *pallens* Sw. ETH(1927), RWA(23,65), UGA(2097).**
***Bryum pallescens* Schleich. ex Schwägr. CMN(47), ZAI(65).**
Bryum pallidojulaceum Müll.Hal. = *Brachymenium dicranoides* [1911: 321; 83: 343]
Bryum pallidum (Hedw.) Schreb. ex With. = *Ditrichum pallidum* [1521]
Bryum palmifolium (P.Beauv.) Brid. = *Fidssidens palmifolius* [1521]

- Bryum palustre* (Hedw.) Gaertn., Meyer & Scherb., *nom. illeg.* = *Aulacomnium palustre* [1521]
Bryum pappeanum Müll.Hal. = *Bryum capillare* (23)
Bryum pappei Müll.Hal. ex Kindb., *nom. illeg. incl. spec. prior.* = *Bryum pappeanum* [1521] (= *Bryum capillare*)
- Bryum paradoxum*** Schwägr. ANG(23,46), COM(23,40), MDG(23,40,1925).
Bryum pendulinum Hampe = *Bryum argenteum* [10: 586]
Bryum penicillatum Hampe = *Bryum argenteum* (23)
Bryum peralatum P.de la Varde. Excluded: according to Ochi, the only collection of this taxon (from Central African Republic) is not a *Bryum*, but probably an *Entosthodon* (354).
Bryum perdelicatulum Broth. ex Hariot, *nom. nud.* = *Bryum cellulare* [393: 1]
Bryum perimbricatum Müll.Hal. ex Broth. = *Anomobryum perimbricatum* [1521]
Bryum perlimbatum Cardot. Excluded: Ochyra (1442) concludes that the specimen was collected in Puerto Natale, Chile, not in Natal, South Africa.
Bryum perramosum P.de la Varde = *Bryum apiculatum* (23)
- Bryum perrieri*** Thér. MDG(40).
Bryum perspinidens Broth. = *Rhodobryum perspinidens* (74: 257)
Bryum pertomentosum Broth. ex Ochi, *nom. nud.* = *Bryum leptospeiron* (23: 56)
Bryum pervirens Müll.Hal. = *Bryum mundtii* [1911: 337] (= *Bryum canariense*)
Bryum petrophilum P.de la Varde = *Bryum andicola* (21)
Bryum philonotis Hampe ex Grandid., *nom. nud. in synonym.* = *Pohlia heribaudii* [1848: 276] (= *Pseudopohlia microstoma*)
Bryum philonotula Hampe ex C.H.Wright, *nom. nud.* = *Brachymenium philonotula* [1521]
Bryum philonotula Müll.Hal. = *Pohlia philonotula* [1521]
Bryum piliferum Bruch & Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia [50].
Bryum pintasi Broth. ex Müll.Hal., *nom. nud.* Excluded: no specimen known.
Bryum piriforme Paris, *nom. inval. in synonym. orthogr.* = *Bryum pyriforme* [1521] (= *Leptobryum pyriforme*)
Bryum planomarginatum Dixon = *Bryum pseudotriquetrum* (23)
Bryum plumella Müll.Hal. = *Pohlia plumella* [1521]. Excluded: see *Pohlia plumella*.
Bryum plumosum Dozy & Molk. = *Bryum apiculatum* (2797)
Bryum pobeguini Broth. & P.de la Varde = *Bryum capillare* (354)
Bryum polychaete Müll.Hal. ex Paris. Excluded: see *Brachymenium polychaete*.
Bryum polytrichoideum Müll.Hal. = *Bryum capillare* (23)
Bryum polytrichoideum sensu Sim = *Bryum viridescens* (83: 379)
Bryum pomiforme var. *halleri* Vill., *nom. inval.* = *Bartramia halleriana* [1521]
Bryum pomoniae Müll.Hal. = *Bryum apiculatum* (23)
Bryum porphyrothrix Müll.Hal. = *Bryum torquescens* [1911: 331; 83: 373]
Bryum porphyroloma Müll.Hal. ex Geh., *nom. nud.* = *Bryum aulacomnioides* [1911: 331] (= *Bryum pseudotriquetrum*)
Bryum pottiaefolium Müll.Hal. = *Bryum capillare* (354)
Bryum praemorso-obtusum Müll.Hal., *nom. nud.* Excluded: no specimen known.
- Bryum preussii*** Broth. CMN(23,47), KEN(411,1408,3412,5315,6615,7065), TAN(23), UGA(23), ZAI(23,65).
Bryum preussii var. *oblongifolium* Thér. & Naveau = *Bryum preussii* (23)
Bryum preussii var. *subintegrum* P.de la Varde, *nom. inval. descr. gall. tantum.* Excluded: this variety is ignored by Ochi [23: 115], and from Ochi's description it would appear to be within the normal scope of the species.
Bryum prionotes J.Shaw = *Bryum muhlenbeckii* [1911: 333].
Bryum procerrimum Paris, *nom. nud.* = *Anomobryum promontorii* [4378: 69] (= *Anomobryum julaceum*)
Bryum promontorii Müll.Hal. = *Anomobryum filiforme* (83: 359) (= *Anomobryum julaceum*)
Bryum pseudodecursivum Paris = *Bryum capillare* var. *torquescens* [1911: 335] (= *Bryum torquescens*)
Bryum pseudolimbatum J.F.Leroy = *Bryum depressum* (23)
Bryum pseudophilonotula Müll.Hal. = *Pohlia pseudophilonotula* [1521]. Excluded: see *Pohlia pseudophilonotula*.
Bryum pseudotorquescens Müll.Hal. = *Bryum capillare* (354)
Bryum pseudotriquetrum var. *bimum* (Brid.) Lilj. SUD(1419).
Bryum pseudotriquetrum var. *pallescens* (Schwaegr.) Dixon = *Bryum pallescens* [1521]
- Bryum pseudotriquetrum*** var. *pseudotriquetrum* (Hedw.) P.Gaertn., B.Mey. & Scherb. ETH(1927,6137), KEN(23,2661,3412,5315,6615,7065), LES(1531,4897), MDG(40), REU(5440), RWA(23,65), SAF(23,354,1531,8328), TAN(23,354), UGA(23), ZAI(65,2660), ZAM(62), ZIM(61).
Bryum pseudotruncorum Thér. = *Bryum billardierei* (23)
Bryum pterocaulon P.de la Varde = *Bryum pallens* (23)
Bryum pulchrum (Hook.) Müll.Hal. = *Brachymenium pulchrum* (23)
Bryum pulvinatum (Hedw.) With. = *Grimmia pulvinata* [1521]
Bryum pumiliroseum Dixon = *Bryum andicola* (21)
Bryum pumiliroseum var. *ruwenzorensis* Thér. & Naveau = *Bryum billardierei* [23]
Bryum punctatum (Hedw.) Turn. = *Mnium punctatum* [1521]. Excluded: see *Mnium punctatum*.
- Bryum purpureonigrum*** Duby MDG(40).

- Bryum pycnoloma* Müll.Hal. ex Paris, *nom. nud.* = *Bryum capillare* [1911: 335]
- Bryum pycnophyllum*** (Dixon) Mohamed LES(1531,4897), SAF(1531,4897,7766,8328), SWZ(1531), TAN(46), ZAM(62), ZIM(46,61).
- Bryum pyriforme* (Hedw.) Gaertn., Meyer, & Scherb., *hom. illeg.* = *Leptobryum pyriforme* [1521]
- Bryum quintasii* Broth. = *Rhodobryum quintasii* [1521] (= *Bryum huillense*)
- Bryum radiale* Müll.Hal. ex Paris, *nom. nud.* = *Brachymenium capitulatum* [1848: 284]
- Bryum radiale* var. *leptoradiale* Müll.Hal. ex Paris, *nom. nud.* = *Brachymenium radiale* var. *leptoradiale* [1521] (= *Brachymenium nepalense*)
- Bryum radicale* Müll.Hal. ex Paris, *nom. nud. err.* = *Bryum radiale* [1521] (= *Brachymenium capitulatum*)
- Bryum radicale* Rehm. ex Dixon = *Bryum turbinatum* (83: 375)
- Bryum radiculosum*** Brid. NAM(1531,7155), SAF(23,1531,8328), ZIM(5525).
- Bryum rayneri* P.de la Varde = *Bryum orthocladum* (23)
- Bryum rectitheca* Dixon = *Bryum alpinum* (23)
- Bryum recurvirostre* (Hedw.) With. = *Bryoerythrophyllum recurvirostre* [1521]
- Bryum rehmannii* Müll.Hal. ex Geh., *nom. nud.* = *Bryum mundtii* [1911: 338] (= *Bryum canariense*)
- Bryum rhomboidale* Thér. = *Bryum capillare* var. *capillare* (23)
- Bryum rhyariocaulon*** Müll.Hal. BIO(23), CAF(47), GUI(23,47), NGA(5148,5176), TOG(1878), UGA(46).
- Bryum rigidicuspis* Dixon = *Bryum bicolor* (23) (= *Bryum dichotomum*)
- Bryum rigidulum* (Hedw.) Dicks. = *Didymodon rigidulus* [1521]
- Bryum robustum* Hampe = *Bryum billardierei* var. *billardierei* (2797)
- Bryum rodriguezii* Renaud & Cardot = *Bryum nitens* (40: 214) (= *Bryum apiculatum*)
- Bryum roscheri*** Lorentz TAN(46).
- Bryum roseum* (Hedw.) Gaertn., Meyer & Scherb. = *Rhodobryum roseum* [1521] Note: see note under *Rhodobryum spathulatum*.
- Bryum roseum* var. *giganteum* (Schwaegr.) Brid. = *Rhodobryum giganteum* [1521]
- Bryum rostratum* Schrad. = *Plagiomnium rostratum* (1036) (*auct. afr.* = *Plagiomnium rhynchophorum* var. *rhynchophorum*)
- Bryum rosulans* Müll.Hal., *hom. illeg.* Excluded: no description or collection known.
- Bryum rosulatum* Müll.Hal. = *Bryum andicola* (21)
- Bryum rubellum* Hoffm., *nom. inval.* = *Bryoerythrophyllum recurvirostrum* var. *recurvirostrum* [8261: 195]
- Bryum rubens*** Mitt. SAF(4670,8328).
- Bryum rubicundum* Müll.Hal. Excluded: according to Ochi (23), this is probably not a *Bryum*, but the specimen is too fragmentary to determine.
- Bryum rubrocostatum* Müll.Hal. Excluded: according to Ochi (23) this is probably a *Mielichhoferia*, but the specimen is too scanty to be more definite.
- Bryum ruderale*** Crundw. & Nyholm SAF(4670,8328).
- Bryum ruwenzorensis* Thér. & Naveau in Naveau = *Bryum soulii* (7045) (= *Bryum huillense*)
- Bryum sabulosum* Thér. = *Bryum nitens* (40: 214) (= *Bryum apiculatum*)
- Bryum saphophilum* Müll.Hal. ex Broth., *hom. illeg.* = *Rhodobryum saphophilum* [1521] (= *Bryum capillare*)
- Bryum sauteri*** Bruch, Schimp. & W.Gümbel SAF(2135), STH(4626).
- Bryum scariosum* Thér. = *Bryum billardierei* (23)
- Bryum schizotrichum* Müll.Hal. ex Geh., *nom. nud.* = *Haplodontium reticulatum* [1911: 317] Excluded: see note under *Weissia reticulata*.
- Bryum schleicheri*** var. *ahaggarensis* Thér. & Trab. CHA(4508).
- Bryum schleicheri*** var. *schleicheri* Schwägr. CHA(4508).
- Bryum schweinfurthii* Müll.Hal. = *Bryum coronatum* (23)
- Bryum scoparium* var. *flagellare* (Hedw.) Paris, *nom. inval. in synonym.* Excluded: see *Dicranum flagellare*.
- Bryum sellae* Negri = *Bryum caespiticium* (23)
- Bryum semense* Paris, *nom. nud.* = *Bryum orthocladon* (354)
- Bryum semilimbatum* Kiaer ex C.H.Wright, *nom. nud.* = *Bryum spinidens* [1848: 302] (= *Bryum aubertii*)
- Bryum semirubrum*** Müll.Hal. SUD(3076).
- Bryum sennariense* Müll.Hal., *nom. nud.* Excluded: no description or specimen known.
- Bryum serpyllifolium* Thunb. ex Juel, *nom. illeg. incl. spec. prior.* = *Rhodobryum umbraculum* [1521] (= *Bryum umbraculum*)
- Bryum serpyllifolium* var. *punctatum* Huds., *nom. inval.* = *Mnium punctatum* [1521] Excluded: see *Mnium punctatum*.
- Bryum serpyllifolium* var. *undulatum* Huds., *nom. inval.* = *Mnium undulatum* [1521] (= *Plagiomnium undulatum*)
- Bryum seychellarum* Broth. ex Ochi, *nom. nud.* = *Bryum leptospeiron* (23: 56)
- Bryum simii* Schelpe = *Bryum torquescens* (83: 373)
- Bryum soulii* Thér. & P.de la Varde = *Bryum huillense* (23)
- Bryum spathidophyllum* (Besch.) Müll.Hal. = *Brachymenium spathidophyllum* [1521]
- Bryum spathulosifolium* Müll.Hal. = *Bryum huillense* (23)
- Bryum speirocladum* (Besch.) Müll.Hal. = *Brachymenium speirocladum* [1521]
- Bryum spinidens* Renaud & Cardot in Renaud = *Rhodobryum spinidens* [1521] (= *Bryum aubertii*)
- Bryum spiniforme* Thunb. ex Juel, *nom. nud.* = *Rhizogonium spiniforme* [1521] (= *Pyrrhobryum spiniforme*)

- Bryum spiralisifolium* Dixon = *Bryum andicola* (21)
Bryum splachnoides (Harv.) Müll.Hal., *hom. illeg.* = *Bryum cellulare* [6349: 31]
Bryum splachnoides ssp. *lipopae* Thér. & P.de la Varde = *Bryum cellulare* ssp. *lipopae* [1521] (= *Bryum euryphyllum*)
Bryum splachnoides var. *mucronatum* P.de la Varde = *Bryum euryphyllum* [23]
Bryum splachnoideum Müll.Hal. = *Bryum pseudotriquetrum* [23]
- Bryum splendidifolium* Müll.Hal. ERI(50).**
Bryum spongiosum Welw. & Duby = *Philonotis spongiosa* (1433: 170)
Bryum squamosum Thér. = *Bryum argenteum* (23)
Bryum squarripilum Müll.Hal. = *Bryum argenteum* var. *lanatum* [1911: 328] (= *Bryum argenteum* var. *argenteum*)
Bryum standtii Broth. ex Paris, *nom. inval. in synon. err. pro* = *Bryum staudtii* [23]
- Bryum staudtii* Broth. BIO(8180), CMN(23,47), MLW(67), SIE(47).**
Bryum stellipilum Müll.Hal. = *Bryum argenteum* (83: 365)
- Bryum stenophyllum* Dixon KEN(7984), UGA(23,46).**
Bryum stenopyxis Müll.Hal. = *Bryum argenteum* [10: 586]
Bryum stereoneurum (Müll.Hal.) Müll.Hal. = *Brachymenium stereoneurum* [1521] (= *Brachymenium exile*)
Bryum steropyxis Müll.Hal., *nom. inval. in synon.* = *Brachymenium dicranoides* [1911: 320]
Bryum subalbulum Thér. ex P.de la Varde = *Bryum subargenteum* (23)
Bryum subalbulum var. *piliferum* P.de la Varde = *Bryum subargenteum* (23)
Bryum subalbulum var. *robustum* P.de la Varde = *Bryum subargenteum* (23)
- Bryum subapiculatum* Hampe SAF(23,1531,8328), TAN(46).**
Bryum subappressum Renault & Cardot = *Bryum billardierei* (23)
Bryum subappressum var. *forsythii* (Renault & Cardot) Cardot in Grandid. = *Bryum erythrocaulon* [21]
Bryum subareolatum Müll.Hal. ex Paris, *nom. nud.* Excluded: no description or specimen known.
- Bryum subargenteum* Hampe CMN(23), GAB(23), MDG(23,40), NGA(23,5148,5176), TAN(46), ZAI(23,65).**
Bryum subaterrimum Rehmann ex Kindb., *nom. nud.* = *Bryum aterrimum* [1521] (= *Bryum torquescens*)
Bryum subcavifolium Dixon in Sim = *Bryum radiculosum* (83: 367)
Bryum subdecursivum Müll.Hal. = *Bryum radiculosum* (83: 367)
Bryum subdepressum Broth. & Paris = *Bryum rhyariocaulon* (354)
Bryum subenerve (Schwaegr.) Brid. = *Eriopus cristatus* [6894: 276b] (= *Calyptrochaeta cristata*)
Bryum suberectum Mitt. = *Brachymenium suberectum* [1521] (= *Brachymenium nepalense*)
Bryum suberythrocaulon Renault & Cardot = *Bryum billardierei* (23)
Bryum subgracilescens Renault & Paris = *Bryum billardierei* (23)
Bryum subhomalobolax Renault & Cardot = *Bryum huillense* (354)
Bryum subintegridens Dixon = *Bryum pseudotriquetrum* var. *pseudotriquetrum* (23)
Bryum subsplachnobryoides Paris, *nom. illeg. incl. spec. prior.* = *Bryum splachnoideum* [25: 1: 262] (= *Bryum pseudotriquetrum*)
Bryum subtorquatum Hampe ex Müll.Hal., *nom. nud. in synon.* = *Bryum mundtii* [1911: 337] (= *Bryum canariense*)
Bryum subturbinatum Müll.Hal. = *Bryum turbinatum* (23)
Bryum subuliferum Mitt. = *Brachymenium subuliferum* [1521]
Bryum subulinerve Cardot = *Bryum coronatum* [23]
Bryum syntrichiaefolium Müll.Hal. ex Broth., *nom. nud.* = *Bryum capillare* [1911: 335]
Bryum syntrichoides Müll.Hal. ex Geh., *nom. nud.* = *Bryum truncorum* [1911: 335]
Bryum syntrichoides Müll.Hal., *nom. inval.* = *Bryum pycnophyllum* (21)
- Bryum taitae* Müll.Hal. KEN(46).**
Bryum tenellicale Cardot = *Bryum bicolor* (23)
Bryum tenerrimum Rehmann ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed collection (Rehmann 251, Devilspeak) from South Africa.
Bryum tenerum P.de la Varde. Excluded: according to Ochi, the type is not referable with certainty to a specific taxon (354).
Bryum leptospeiron Müll.Hal. ex Geh., *nom. nud. err.* = *Bryum leptospeiron* [1521]
- Bryum thomeanum* P.de la Varde SAO(47).**
- Bryum tisserantii* P.de la Varde CAF(47), GHA(47).**
Bryum tisserantii var. *sublimbatum* P.de la Varde. Excluded: according to Ochi, the type of this taxon (from D.R. Congo (Zaire)) is probably a member of the Mniaceae (23). Koponen (1036) disputes this and states that it belongs to the Bryaceae. The status of this taxon is thus uncertain.
Bryum tomentosum (Brid.) Sw. = *Breutelia tomentosa* [1521] Excluded: see *Breutelia tomentosa*.
- Bryum torquescens* Bruch ex De Not. ETH(50,6137), KEN(46), LES(1531,4897), MLW(6087), SAF(1531,4897,8328), SUD(1419), TAN(46), ZIM(46).**
Bryum torquescens var. *rosulatum* P.de la Varde & Thér. = *Bryum torquescens* (46)
Bryum torquescentulum Müll.Hal. = *Bryum torquescens* (83: 373)
Bryum torquescentulum var. *nutans* Müll.Hal. = *Bryum torquescens* (83: 373)
Bryum transvaalalpinum Müll.Hal. Excluded: probably a synonym of *Bryum alpinum* (83: 388).
Bryum trifarium (Hedw.) Gmel. ex With. = *Didymodon trifarius* [1521] (= *Saelania glaucescens*)
Bryum truncorum (Brid.) Brid. = *Bryum billardierei* var. *billardierei* (6936)

- Bryum truncorum sensu Sim = Bryum pycnophyllum* (83: 385)
Bryum truncorum var. *nitidogrimum* (Renauld) Wijk & Margad. = *Bryum billardi* (40: 213)
Bryum truncorum var. *pycnophyllum* Dixon = *Bryum pycnophyllum* (21)
- Bryum turbinatum*** (Hedw.) Turner ETH(23,50), LES(1531,4897), SAF(23,1531,8328).
Bryum turbinatum var. *imbricatum* Schimp. ex Paris = *Bryum turbinatum* (23)
Bryum turbinitiforme Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia [50].
Bryum turgidum Sw. = *Aulacomnium turgidum* [1521]
- Bryum umbraculum*** Bruch ex Hook. ETH(23), KEN(46), SAF(23,1531,4897,8328), TAN(46), UGA(23,46), ZAI(65), ZIM(46).
Bryum undulatum (Hedw.) Gaertn., Meyer & Scherb. = *Mnium undulatum* [1521] (= *Plagiomnium undulatum*)
- Bryum usambaricum*** Broth. TAN(46).
Bryum usambaricum Broth., *hom. illeg.* = *Bryum coronatum* (23: 53) Note: *Bryum usambaricum* Broth. 1894 is a valid taxon, *Bryum usambaricum* Broth. 1913 is illegal.
Bryum vagans Hook.f. & Wilson = *Philonotis vagans* (83: 432)
- Bryum valparaisense*** Thér. SUD(2125).
Bryum ventricosum Dicks. ex Relhan, *nom. illeg. incl. spec. prior.* = *Bryum pseudotriquetrum* var. *pseudotriquetrum* (1521)
- Bryum viguieri*** Thér. ANG(23,46), MDG(23,40), MLW(67), SAF(3986,8328), TAN(46).
Bryum vinosulum Besch. = *Bryum leptospeiron* (23: 56)
- Bryum viridescens*** Welw. & Duby ANG(23,46), SAF(1531,8328), SWZ(1531), ZIM(61).
Bryum viridulum L. ex With., *hom. illeg.* = *Fissidens exilis* [3492: 68]
- Bryum voeltzkowii*** Broth. MDG(21,23,40), SAF(23), TAN(46), ZIM(23).
Bryum weisii Dicks. ex With. = *Ditrichum heteromallum* [1521] Note: reported for tropical Africa in *Index Muscorum*, but not found elsewhere in the literature.
Bryum welwitschii Duby = *Brachymenium acuminatum* (23)
Bryum wilmsii Müll.Hal. = *Bryum alpinum* [83: 371; 1911: 332]
Bryum zieri Hedw. = *Plagiobryum zieri* (83: 354)
Bryum zonatifforme Paris, *nom. nud.* = *Bryum lonchophyllum* [1521]
Bryum zonatum Müll.Hal. ex Broth., *nom. nud. in synon* = *Bryum lonchophyllum* [9: 245]
Bryum zuluense Broth. & Bryhn = *Bryum microerythrocarpum* (23)
Bryum zygodontoides Müll.Hal. = *Bryum coronatum* [10: 587]
- Caduciella mariei*** (Besch.) Enroth COM(40,780), TAN(780,1439).
Callicostella (Müll.Hal.) Mitt. Note: Menzel (1750) summarises the position over the use of this name. Crosby pointed out the priority of *Schizomitrium* Schimp. over *Callicostella*, but Koponen and Isoviita proposed the conservation of *Callicostella*, to avoid the nomenclatural changes. This proposal was accepted by the Committee for Bryophyta of IAPT, for submission to the 1993 Tokyo Congress, and confirmed there. Nevertheless, in the interim, a large number of nomenclatural changes were made: these have been reversed in this checklist.
Callicostella abrupta Mitt. = *Glossadelphus abruptus* (4975). Note: this has been treated as a synonym of *Glossadelphus truncatulus*; see note under *Phyllodon truncata*.
Callicostella acuminatula Broth. & P.de la Varde in P.de la Varde = *Callicostella brevipes* [279: 372]
- Callicostella africana*** Mitt. BIO(47), CAF(47), CMN(47), COM(40), CON(47), GAB(47), GHA(47), IVO(47,1880), LBR(47), MDG(40), NGA(47,5148,5176), SEY(1926,2030,2353), SIE(3216), TAN(46), UGA(46), ZAI(65), ZAM(62).
Callicostella applanata Broth. & Bryhn = *Callicostella tristis* (1519: 604)
- Callicostella ascensionis*** (Müll.Hal.) Broth. ASC(1296,5340).
- Callicostella attenuata*** (Müll.Hal.) Kindb. CAF(47), CMN(47), GAB(47), LBR(47), ZAI(65).
Callicostella bammakoensis Paris & Broth. = *Callicostella tristis* [279: 350]
- Callicostella brevipes*** (Broth.) Broth. BIO(47), CAF(47), CMN(47), CON(47), GAB(47), GHA(47), IVO(1880), MAU(105,3410), MDG(40), SAO(47), SEY(2353), SIE(47), TAN(46), UGA(46), ZAI(65).
- Callicostella chevalieri*** Mitt. CAF(47), GAB(47), NGA(47,5148), ZAI(65).
- Callicostella chionophylla*** (Müll.Hal.) Kindb. SAO(47).
- Callicostella constricta*** (Müll.Hal.) Kindb. ANN(47), BIO(47), CAF(47), CMN(47), COM(40), GAB(47), IVO(1880), MDG(40), NGA(47,5148,5176), TAN(46), ZAI(65).
Callicostella constricta var. *latifolia* P.de la Varde, *nom. inval.* Excluded: no valid description available.
- Callicostella emarginatula*** Broth. in Corb. ANG(46), CAF(47), CMN(47), CON(47), GAB(47), ZAI(65).
Callicostella emarginatula var. *complanata* Broth. = *Callicostella emarginatula* [279: 333]

- Callicostella erosotruncata*** Cardot CAF(47), CMN(47), CON(47), GAB(47), IVO(1880), MAU(105), NGA(47), TAN(46), ZAI(65).
- Callicostella fissidentella*** (Besch.) Kindb. IVO(1880), LBR(47), MAU(105), MDG(40), PRI(47), REU(105), SAO(47), TAN(46), ZAI(65).
- Callicostella gabonensis*** Broth. & P.de la Varde CAF(47), CON(47), GAB(47), IVO(1880), ZAI(65).
Callicostella heteromorpha Cardot = *Callicostella erosotruncata* [279: 338]
Callicostella heterophylla Renauld & Cardot, *hom. illeg.* = *Callicostella perrotii* [10: 938]
- Callicostella lacerans*** (Müll.Hal.) A.Jaeger BIO(2662), COM(40), LBR(47), MAU(105), MDG(40), TAN(46).
Callicostella lacerans var. *aquilenta* (Besch.) Cardot = *Callicostella pusilla* [279: 344]
Callicostella lacerans var. *laeviuscula* Mitt. = *Callicostella fissidentella* [279: 367]
Callicostella lacerans var. *madagassa* Cardot in Grandid. = *Callicostella brevipes* (40: 231) Note: *Index Muscorum* shows this taxon also to contain *Callicostella* species *africana* Mitt., *constricta* (Müll.Hal.) Kindb. and *leptocladula* (Broth.) Broth.
Callicostella lacerans var. *nossiana* (Besch.) Renauld = *Callicostella fissidentella* [279: 367]
- Callicostella laeviuscula*** Mitt. CMN(47), GAB(47), ROD(105).
Callicostella laeviuscula var. *latifolia* Demaret & P.de la Varde. Excluded: see *Callicostella constricta* var. *latifolia*.
Callicostella latiramea Broth. in Mildbr. = *Callicostella fissidentella* [279: 367]
- Callicostella leptocladula*** (Broth.) Broth. CMN(47), MDG(40).
Callicostella losaeana (Paris & Broth.) Broth. = *Callicostella seychellensis* [279: 364]
- Callicostella maclaudii*** (Paris & Broth.) Broth. GUI(47).
- Callicostella papillata*** var. *brevifolia* M.Fleisch. MDG(40).
- Callicostella papillata*** var. *papillata* (Mont.) Mitt. COM(40), MAS(40), MDG(40,6908).
- Callicostella papillosula*** Broth. & P.de la Varde CAF(47), CON(47), GAB(47).
- Callicostella parvocellulata*** Mitt. MAU(3410), MDG(40).
Callicostella parvula Broth. in Mildbr., *nom. nud.* = *Callicostella constricta* (Müll.Hal.) Kindb. (4930)
- Callicostella perpapillata*** Broth. & P.de la Varde CAF(47), CMN(47), CON(47), GAB(47), IVO(47), PRI(47), RIM(4639), TAN(46), UGA(46), ZAI(65).
- Callicostella perrotii*** (Renauld & Cardot ex Paris) Broth. IVO(1880), MDG(40).
Callicostella pobeguini (Paris & Broth.) Broth. = *Callicostella seychellensis* [279: 364]
- Callicostella pusilla*** Demaret & P.de la Varde CAF(47), CMN(47), GHA(47), IVO(1880), MDG(40), UGA(46), ZIM(61).
Callicostella pycnoptera Müll.Hal. ex P.de la Varde, *nom. inval. descr. gall.* = *Callicostella perpapillata* [279: 382]
Callicostella quintasii (Broth.) Broth. = *Callicostella salaziae* [279: 376]
Callicostella rigida Broth. = *Callicostella brevipes* [279: 371]
Callicostella robillardei M.Fleisch., *nom. nud.* Excluded: an undescribed collection from Mauritius [1566; 105].
- Callicostella salaziae*** (Besch.) Kindb. CMN(47), MAU(3410), REU(105), SAF(3072), SAO(47).
- Callicostella seychellensis*** (Besch.) Kindb. ANN(47), CAF(47), CMN(47), GAB(47), GUI(47), IVO(1880), LBR(47), MAU(105), MDG(40,6908), SEY(279,1926,1946,1950,2195,2328,2353), ZAI(65).
Callicostella stenocarpa Dixon & Thér. = *Callicostella gabonensis* [279: 345]
- Callicostella submarginatula*** Broth. & P.de la Varde ANG(46), CAF(47), CMN(47), CON(47), GAB(47), GUI(47), RIM(4639), TOG(1878,2851), ZAI(65).
Callicostella subintegra Dixon & Thér. = *Callicostella emarginatula* [279: 334]
Callicostella thomeana (Broth.) Broth. = *Callicostella fissidentella* [279: 367]
- Callicostella tristis*** (Müll.Hal.) Broth. CAF(47), MDG(6908), MLI(47), SAF(1531,8328), SWZ(1531).
- Callicostella usambarica*** (Müll.Hal.) Broth. CAF(47), GAB(47), IVO(1880), TAN(46), UGA(3072).
Callicostella vesicularia M.Fleisch., *nom. nud.* Excluded: an undescribed collection (*Dusén 69*) from Cameroon.
Calliargon keniae Dixon = *Sarmentypnum sarmentosum* (1884) (= *Warnstorfia sarmentosa*)
Calliargon purum (Hedw.) Naveau = *Pseudoscleropodium purum* [1521]
Calliargon sarmentosum (Wahlenb.) Kindb. = *Sarmentypnum sarmentosum* (453) (= *Warnstorfia sarmentosa*)
Calliargon sarmentosum var. *subflavum* Dixon = *Sarmentypnum sarmentosum* (1884) (= *Warnstorfia sarmentosa*)

Calliergon stramineum (Brid.) Kindb. Excluded: Ochyra (pers. comm.) believes that the sub-fossil specimen cited by Spence & Mahaney, (1497) is likely to be a form of *Sarmentypnum sarmentosum* (= *Warnstorfia sarmentosa*). The voucher specimen cannot now be located at UBC.

***Calliergonella cuspidata* (Hedw.) Loeske ETH(4454), MAU(6859).**

Calymperes acanthoneuron P.de la Varde = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

Calymperes africanum (Mitt.) Paris = *Syrhodon africanus* [1909: 143]

***Calymperes afzelii* Sw. ANG(46), BEN(6128), BIO(2662), BUR(65), CAF(57), CMN(57), COM(40), GAB(57), GHA(57), GUI(57,1458), IVO(44,1458,1880), KEN(46), MDG(40,6908), MLW(6087), NGA(57,334,5148,5176,6263), REU(8028), RIM(4639), SAO(57), SEY(1926,2030,2033,2353), SIE(57), TAN(46), TOG(1878), UGA(46), ZAI(57,65,5319), ZAM(62), ZIM(46,61).**

Calymperes annobonense Broth. in Mildbr., *nom. nud.* = *Calymperes erosum* (4930)

Calymperes ascensionis Müll.Hal. = *Calymperes erosum* [1473: 206]

Calymperes asperum Müll.Hal. ex Besch. = *Calymperes erosum* (57)

Calymperes asterigerum Müll.Hal. ex Besch. = *Calymperes palisotii* ssp. *palisotii* (57)

Calymperes asteristylum Müll.Hal. ex Besch. = *Calymperes afzelii* (57)

Calymperes borgenii Kiaer ex Besch. = *Calymperes hispidum* (1371)

Calymperes brachypelma Müll.Hal. ex Besch. = *Calymperes palisotii* ssp. *palisotii* (57)

Calymperes brevifolium Cardot = *Calymperes palisotii* (1624)

Calymperes cacazouense Besch. = *Calymperes tenerum* (1373)

Calymperes campylopodoides Müll.Hal. ex Besch. = *Calymperes palisotii* var. *palisotii* (57)

Calymperes campylopodoides Müll.Hal. ex Paris, *err.* = *Calymperes campylopodoides* [1521] (= *Calymperes palisotii* var. *palisotii*)

Calymperes casamancae Cardot = *Calymperes erosum* [1473: 206]

Calymperes caudatum Müll.Hal. = *Calymperes tenerum* [1473: 207]

Calymperes cernense Mitt. ex Besch. Excluded: no type specimen has been found for this Madagascar taxon, but from the description it may be *Calymperes pallidum* (6232)

Calymperes chevalieri Thér. & Corb. = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

Calymperes chevalieri var. *angustifolium* Thér. & P.de la Varde = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

Calymperes chrysoblastum Müll.Hal. = *Calymperes erosum* (57)

Calymperes cochlearifolium Paris = *Calymperes palisotii* [1473: 206]

Calymperes congolense (Renauld & Cardot) Cardot = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

Calymperes conterminum Thér. & P.de la Varde = *Calymperes lonchophyllum* ssp. *microblastum* (57)

Calymperes corbieri Thér. = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

***Calymperes couguiense* Besch. SEY(2033,2353).**

Calymperes crassilimbatum Renauld & Cardot = *Calymperes hispidum* (1511)

Calymperes decolorans Müll.Hal. = *Calymperes pallidum* (1518)

Calymperes decolorans var. *latifolium* Renauld & Cardot = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

Calymperes dilatatum Müll.Hal. ex Besch. = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

Calymperes disjunctum Besch. = *Calymperes palisotii* (1370)

Calymperes dusenii Müll.Hal. ex Besch. = *Calymperes afzelii* (57)

Calymperes erosulum Renauld & Paris = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)

***Calymperes erosum* Müll.Hal. ANG(57), ANN(47), ASC(1296,5331,5340), BEN(47), BIO(2662), CMN(57), GAB(57), GHA(57), GUI(57,1458), IVO(1458,1880), LBR(57), MDG(40), NGA(57,334,5148,5176,6263), REU(8028), RIM(4639), SEN(57), SEY(1625,1926,1946,1947,1950,2030,2033,2328,2353,4899,4932), SIE(57,3216), TAN(46), TOG(1878,2851), ZAI(57,65,1552,5319).**

Calymperes fasciculatum (Hook. & Grev.) Mitt., *hom. illeg.* = *Mitthyridium fasciculatum* [4977: 24]

Calymperes gabonense Thér. & P.de la Varde = *Calymperes erosum* (1473)

Calymperes garciae Mitt. ex Hemsley = *Calymperes graeffeanum* (1371)

Calymperes gillettii Renauld & Cardot = *Calymperes erosum* [1473: 206]

Calymperes gillettii var. *angustifolium* Renauld & Cardot = *Calymperes afzelii* [1473: 203]

***Calymperes graeffeanum* Müll.Hal. CGS(1371,5699,8220), CMN(6625),**

DIE(1628,2005,5699), MAU(105), REU(8028), ROD(1371), SEY(1371,2033,2353),

SOC(2738), TAN(4637).

***Calymperes guineense* Paris & Broth. in Paris EQG(4300).**

Calymperes heudelotii Besch. = *Calymperes erosum* (57)

Calymperes hildebrandtii Müll.Hal. = *Calymperes afzelii* [1473: 203]

Calymperes hispidocostatum Dixon = *Calymperes pallidum* (1518)

***Calymperes hispidum* Renauld & Cardot MAU(105), MDG(40,1371), REU(105), SEY(1371,1926,2033,2353), TAN(4637).**

Calymperes hyalinolimbatum Paris = *Calymperes afzelii* [1473: 209]

- Calymperes incertum* Cardot = *Calymperes palisotii* (1370)
Calymperes integrifolium Müll.Hal. = *Calymperes afzelii* [1473: 203]
Calymperes intralimbatum Müll.Hal. = *Calymperes erosum* (57)
Calymperes isleanum Besch. = *Calymperes motleyi* (1370)
Calymperes islei Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Calymperes isleanum* [1521 (= *Calymperes motleyi*)
Calymperes jardinii Besch. = *Calymperes erosum* (57)
Calymperes jollyi Broth. & Paris = *Calymperes rabenhorstii* (57) (= *Calymperes pallidum*)
Calymperes konkourae Paris = *Calymperes erosum* (57)
Calymperes laevifolium Mitt. = *Calymperes palisotii* (1370)
Calymperes lamellosulum Cardot in Renaud & Cardot = *Calymperes loucoubense* (765)
Calymperes lecomptei Besch. ("*lecomtei*") = *Calymperes afzelii* (57)
Calymperes leucocoleus Müll.Hal. ex Besch. = *Calymperes erosum* (57)
Calymperes leucomitrium Müll.Hal. = *Calymperes afzelii* [1473: 209]. Note: as existing collections under this name appear to be of either *Calymperes afzelii* or *Calymperes erosum* [1473: 209], collections listed in Schultze-Motel (47) and Bizot *et al.* (1880) have been ignored.
- Calymperes levyanum*** Besch. SAF(1531,8328).
Calymperes ligulare Mitt. = *Calymperes tenerum* [1473: 207]
Calymperes linealifolium Müll.Hal. ex Besch. = *Calymperes afzelii* [1473: 209]. Note: as there is some doubt about collections with this name, the collections from Cameroon listed in Schultze-Motel (47) have been ignored.
- Calymperes lonchophyllum*** ssp. ***microblastum*** (Müll.Hal.) S.R.Edwards BIO(2662), CMN(47), GAB(47), GHA(47), IVO(1880), NGA(47,5176), RIM(4639), ZAI(65).
Calymperes lonchophyllum ssp. ***saxatile*** (Müll.Hal.) S.R.Edwards BIO(8180), LBR(47), NGA(5176), SIE(47,3216), TOG(47).
Calymperes longifolium Broth. ex Besch., *nom. nud. in synon.* = *Calymperes thomeanum* [1625: 305] Excluded: see *Calymperes thomeanum*.
- Calymperes loucoubense*** Besch. MDG(40).
Calymperes loucoubense var. *minus* Renaud & Paris = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)
Calymperes mahense P.de la Varde = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)
Calymperes malimbae Müll.Hal. = *Calymperes erosum* [1473: 206]
Calymperes mariei Besch. = *Calymperes palisotii* (1370)
Calymperes maroantsetrae Cardot = *Calymperes afzelii* [1473: 203]
Calymperes maroantsetrae var. *angustifolium* Cardot = *Calymperes erosum* [1473: 206]
Calymperes mathieui Renaud & Cardot = *Calymperes erosum* [1473: 206]
Calymperes mayottense Besch. = *Calymperes afzelii* (767)
Calymperes megamitrium Müll.Hal. ex Besch. = *Calymperes erosum* (57)
Calymperes microblastum Müll.Hal. ex Besch. = *Calymperes lonchophyllum* ssp. *microblastum* (57)
Calymperes minus Besch. = *Calymperes pallidum* (1518)
- Calymperes motleyi*** Mitt. ex Dozy & Molk. ALD(2351,2353), SEY(1373,1485,1618,1625,1926,1945,1946,2033,2328,2353), SOC(2738).
- Calymperes nanum*** Müll.Hal. ZAI(3076).
Calymperes nashii R.S.Williams = *Calymperes tenerum* var. *edamense* (82: 164) (= *Calymperes tenerum*)
- Calymperes norkettii*** L.T.Ellis SEY(1374,1926,2033,2353).
Calymperes nossi-beanum (Besch.) Broth. = *Calymperes taitense* [1473: 207]
Calymperes nossi-combae Besch. = *Calymperes afzelii* (1518)
Calymperes nossi-combae var. *mahense* Besch. ex Dixon, *nom. nud. in synon.* = *Calymperes seychellarum* [1947: 8]
Calymperes obtusatum Thér. & Naveau = *Calymperes rabenhorstii* (57) (= *Calymperes pallidum*)
Calymperes occidentale Besch. = *Calymperes palisotii* [1473: 209]
Calymperes orthophyllaceum Müll.Hal. = *Calymperes afzelii* (57)
Calymperes pachyloma Hampe = *Calymperes taitense* (1518)
Calymperes pachylomatium Müll.Hal., *nom. illeg. incl. spec. prior.* = *Calymperes pachyloma* [1521] (= *Calymperes taitense*)
- Calymperes palisotii*** Schwägr. ANN(47), CAF(355), CMN(57), GAB(57), GHA(57), GUI(57,4637,6813), IVO(44,1880), LBR(57), MAU(105), MDG(40), NGA(57,5148,5176,6263), REU(5440), RIM(4639), ROD(105,4931), SEN(57), SEY(1926,2030,2033,2353), SIE(57), TAN(1370), TOG(1878), ZAI(57,4637,5319,6813).
Calymperes palisotii var. *moluccense* (Schwägr.) M.Menzel. Excluded: specimens from GUI and ZAI given this name have been transferred to *Calymperes palisotii* (L.T. Ellis, *pers. comm.*).
- Calymperes pallidum*** Mitt. ANG(57), BEN(57,6128), BIO(2662), BUR(65), COM(40), GHA(57), GUI(57), IVO(57,1880), MDG(40,1925), NGA(57,334,5148,5176,6263), ROD(105), SAF(1531,8328), SEY(1950,2033,2353,4932), SIE(57,3216), TAN(46), TOG(57), UGA(46), ZAI(57,65,5319), ZIM(61).
Calymperes palmicola Besch. = *Calymperes pallidum* (1518)

- Calymperes patentifolium* Paris = *Calymperes erosum* (57)
Calymperes perlimbatum Paris = *Calymperes afzelii* [1473: 203]
Calymperes perrottetii Besch. = *Calymperes afzelii* [1473: 203]
Calymperes perserratum Broth. & Paris = *Calymperes lonchophyllum* ssp. *saxatile* (57)
Calymperes peulhorum Paris & Broth. = *Calymperes rabenhorstii* (57) (= *Calymperes pallidum*)
Calymperes pintasii Müll.Hal. ex Besch. Excluded: there is doubt about the identity of this taxon, recorded from GUI, LIB and SAO (47); see Bescherelle (1625).
Calymperes pobeguinii Paris = *Calymperes decolorans* [1473: 205] (= *Calymperes pallidum*)
Calymperes polii Besch. = *Calymperes loucoubense* (765)
Calymperes polytrichiforme Paris = *Calymperes afzelii* (57)
Calymperes principis Broth. = *Calymperes tenerum* (1473)
- Calymperes proligerum* Müll.Hal. ex Dusén LBR(47).**
Calymperes pulvinatum Mitt. = *Calymperes ascensionis* [1625: 300] (= *Calymperes erosum*)
Calymperes pygmaeum Paris = *Syrrhopodon parasiticus* [1473: 209]
Calymperes quintasii Broth. = *Calymperes afzelii* [1473: 203]
Calymperes rabenhorstii Hampe & Müll.Hal. = *Calymperes pallidum* (1372)
Calymperes rabenhorstii var. *longemitrata* Broth. & Thér. = *Calymperes decolorans* (1473) (= *Calymperes pallidum*)
Calymperes reduncum Kiaer ex Besch. = *Calymperes hispidum* [1848: 193]
Calymperes renauldii Cardot = *Calymperes afzelii* (1518)
Calymperes rhodesiae Dixon ex Sim, *nom. illeg.* = *Calymperes afzelii* [1473: 205]
Calymperes rhypariophyllum Müll.Hal. = *Calymperes afzelii* (57)
Calymperes robillardii Besch. = *Calymperes graeffeanum* (1518)
Calymperes rotundatum Müll.Hal. ex Dusén, *nom. nud.* Excluded: following Schultze-Motel (47), this taxon has been treated as an orthographic variant of *Calymperes rotundatum* (= *Calymperes afzelii*).
Calymperes rotundatum Müll.Hal. ex Besch. = *Calymperes afzelii* [57: 67]
Calymperes rupestre Müll.Hal. ex Dusén = *Calymperes lonchophyllum* ssp. *microblastum* [57: 88]
Calymperes sakaranae Paris = *Calymperes afzelii* [57: 67]
Calymperes sanctae-mariae Besch. = *Calymperes tenerum* [1473: 207]
- Calymperes sanctae-mariae* var. *mayottense* Besch. COM(40).**
Calymperes saxatile Müll.Hal. ex Besch. = *Calymperes lonchophyllum* ssp. *saxatile* [57: 89]
Calymperes secundulum Müll.Hal. ex Besch. = *Calymperes afzelii* (57)
Calymperes seychellarum Besch. = *Calymperes erosum* (1373)
Calymperes subasterigerum Paris = *Calymperes afzelii* (57)
Calymperes subcrassilimbatum P.de la Varde = *Calymperes erosum* (1373)
Calymperes subdecolorans Cardot = *Calymperes rabenhorstii* (57) (= *Calymperes pallidum*)
Calymperes subdecolorans var. *remotifolium* Thér. ex Corb. = *Calymperes decolorans* [1473: 206] (= *Calymperes pallidum*)
Calymperes subdecolorans var. *stenophyllum* Thér. ex Naveau = *Calymperes decolorans* [1473: 206] (= *Calymperes pallidum*)
Calymperes subdiaphanum V.Leroy = *Calymperes tenerum* [1473: 207]
Calymperes subdisciforme Müll.Hal. ex Besch. = *Syrrhopodon perdusenii* [1711: 416]
Calymperes subtenellum Broth. in Mildbr., *nom. nud.* = *Calymperes palisotii* var. *palisotii* (4930)
- Calymperes taitense* (Sull.) Mitt. COM(40), MDG(40,4637), REU(105,4637), SEY(105,1373,2033,2353,4932), TAN(4637), ZAI(4637).**
Calymperes tenellifolium Müll.Hal. ex Dusén = *Syrrhopodon armatus* [24: 176]
Calymperes tenellum Müll.Hal. ex Besch. = *Calymperes palisotii* var. *palisotii* (57)
- Calymperes tenerum* Müll.Hal. ALD(2041,2351,2353), AMI(2325,2353), BEN(6128), BIO(2662), CGS(5699,8220), COM(40), DIE(2005,5699), GHA(57), IVO(44,1880), KEN(46,6615), MAU(5916), MDG(40), NGA(57,5148), REU(8028), ROD(4931), SAF(1531,8328), SEY(1926,2030,2033,2353), TAN(46,57), ZAI(65,5319).**
Calymperes tenerum var. *edamense* M.Fleisch. = *Calymperes tenerum* (1485)
Calymperes theriotii Renault & Cardot = *Calymperes palisotii* ssp. *palisotii* (57)
Calymperes thomeanum Müll.Hal. Excluded: there is doubt about the identity of this taxon, recorded from SAO (47); see Bescherelle (1625).
Calymperes thompsonii Besch. = *Calymperes pallidum* (1518)
Calymperes tomentosum Müll.Hal. Excluded: no description and no specimen stated.
Calymperes usambaricum Broth. = *Calymperes afzelii* [1473: 203]
- Calymperes venezuelanum* (Mitt.) Broth. ex Pittier MDG(5637).**
Calymperes victoriae Dixon = *Calymperes afzelii* [1473: 203]
Calymperes welwitschii Duby = *Syrrhopodon gardneri* (24)
Calymperes zanzibarensis Besch. = *Calymperes tenerum* [1473: 207]
Calymperopsis (Müll.Hal.) M.Fleisch. Note: the view of Reese & Orbán (132) was that this genus should be treated as a subgenus of *Syrrhopodon*, and Reese has now revised several of the taxa (1708, 1711), provided a synopsis of the subgenus (1909) and annotated all BM specimens with a name in *Syrrhopodon*. The annotations suggest that previous understanding of the subgenus has been highly suspect. All records have now been transferred to *Syrrhopodon*, but see reservations expressed under that genus regarding distribution data.

- Calymperopsis africana* (Mitt.) Broth. = *Syrrhopodon africanus* ssp. *africanus* (1909)
Calymperopsis crenulata Tixier = *Syrrhopodon crenulatus* (1909)
Calymperopsis disciformis (Müll.Hal.) Tixier = *Syrrhopodon africanus* ssp. *africanus* (1909)
Calymperopsis dusenii Müll.Hal. = *Syrrhopodon disciformis* [4087: 17]
Calymperopsis elimbatus Tixier = *Syrrhopodon tixieri* (1909)
Calymperopsis letestui P.de la Varde = *Syrrhopodon disciformis* (1909)
Calymperopsis madagascariensis (Thér.) Broth. = *Syrrhopodon parasiticus* (1909)
Calymperopsis mandrakensis Tixier = *Syrrhopodon africanus* ssp. *mandrakensis* (1909)
Calymperopsis martinicensis (Broth.) Broth. = *Syrrhopodon disciformis* (1909)
Calymperopsis spuriodisciformis (Dusén) M.Fleisch. = *Syrrhopodon africanus* ssp. *africanus* (1909)
Calymperopsis subdisciformis (Besch.) M.Fleisch. = *Syrrhopodon subdisciformis* (1909)
Calymperopsis subdisciformis var. *subintegra* P.de la Varde = *Syrrhopodon subdisciformis* (1909)
Calymperopsis viguieri (Thér.) Broth. = *Syrrhopodon parasiticus* (1909)
Calyptothecium acuminatum Broth. & P.de la Varde = *Calyptothecium planifrons* (2)
- Calyptothecium acutifolium* var. *acutifolium*** (Brid.) Broth. ANG(2,46), BIO(2662), CAF(47), MLW(2,67,6087), REU(2,105), RWA(65), SAF(2,1531,8328), TAN(46), UGA(2,46), ZAI(2,65,5319), ZAM(2,46,62), ZIM(46).
- Calyptothecium acutifolium* var. *antitrichioides*** (Besch.) Paris REU(2,105).
- Calyptothecium acutifolium* var. *breviusculum*** (Müll.Hal. ex Dusén) Argent CMN(2,47), TOG(1878).
- Calyptothecium acutifolium* var. *longiusculum*** (Dusén) Argent CMN(2,47), ETH(111), TAN(46).
Calyptothecium africanum Broth. = *Renauldia hoehnelii* [4256: 23] (= *Calyptothecium hoehnelii*)
- Calyptothecium bescherellei*** (Renauld) Broth. MDG(40).
Calyptothecium beyrichii Broth., *nom. illeg.* = *Calyptothecium acutifolium* var. *acutifolium* (46)
Calyptothecium brevisculum (Müll.Hal.) Broth. ex Paris = *Calyptothecium acutifolium* var. *acutifolium* (2)
Calyptothecium brotheri (Paris) Dixon, *nom. illeg. incl. spec. prior.* = *Calyptothecium subacutifolium* [1521] (= *Calyptothecium acutifolium* var. *acutifolium*)
Calyptothecium dusenii Broth. = *Renauldia dusenii* (2)
Calyptothecium golungense A.Gepp in Hiern = *Calyptothecium acutifolium* var. *acutifolium* (2)
- Calyptothecium hoehnelii*** (Müll.Hal.) Argent BIO(2662), ERI(50), KEN(2,46,2661,4112,5315,6614,7065), MLW(2,67,6087), RWA(2,65), SAF(2,1531,7766,8328), TAN(2,46), UGA(2,46), ZAI(2,65,5319), ZIM(61).
- Calyptothecium hoehnelii* var. *angustifolium*** (Dixon) Kis KEN(46), TAN(46), UGA(46).
Calyptothecium hoehnelii var. *angustifolium* (Dixon) Kis. Note: this variety is not mentioned by Argent (2), but he does discuss the great variability of the species in terms of leaf size, and this variety may prove to be within the scope of the main species.
Calyptothecium longiusculum (Dusén) Broth. ex Paris = *Calyptothecium acutifolium* var. *longiusculum* (2)
- Calyptothecium planifrons*** (Renauld & Paris) Argent CAF(2,47), CHA(2,47), KEN(6614), MDG(2,40,1925), TAN(46), ZAI(2,411), ZAM(2,46,62).
Calyptothecium pseudocrispum (Müll.Hal.) Broth. = *Calyptothecium acutifolium* [var. *acutifolium*] [1911: 399]
- Calyptothecium pterobryoides*** Argent UGA(2,46).
Calyptothecium subacutifolium Broth. = *Calyptothecium acutifolium* var. *acutifolium* (2)
Calyptothecium subbreviusculum Thér. & P.de la Varde = *Calyptothecium acutifolium* var. *acutifolium* (2)
Calyptothecium woodii P.de la Varde = *Calyptothecium acutifolium* var. *acutifolium* (2)
- Calyptrochaeta asplenioides*** (Brid.) Crosby COM(40), MDG(40), REU(105), SAF(1531,8328), TAN(46).
- Calyptrochaeta cristata*** (Hedw.) Desv. MAU(40).
Camptochaete fallax (Renauld & Cardot) Renauld in Grandid. Note: in his revision of *Camptochaete*, Tangney (3210) calls this record for Madagascar (40) an 'uncertain species': "Not having seen any material of this species, I have no knowledge of its relation to *Camptochaete*." Madagascar falls outside the geographic range of the genus as he understands it. O'Shea & Ochyra (5546) exclude this taxon from the African list.
Camptochaete ramulosa (Mitt.) A.Jaeger. Note: this taxon does not occur in Africa. The listing for DR Congo (Zaire) (65) was a nomenclatural error by the list compilers. The specimen should have been recorded as *Porotrichum quintasii*.
Camptothecium sericeum (Hedw.) Kindb. = *Homalothecium sericeum* [1521]
Campylopus imerangae Rehmman, *orthog.* = *Campylopus inerangae* [1521]. Note: see under that species.
- Campyliadelphus chrysophyllus*** (Brid.) Kanda CHA(51,4507,4534,4565), LES(4897).
Campyliadelphus polygamus (Bruch, Schimp. & W.Gümbel) Kanda = *Drepanocladus polygamus* (3243)
Campylium hispidulum var. *sommerfeltii* (Myr.) J.Lange. Excluded: according to Crundwell *et al.* (489), both African collections given this name - CAR(47) and KEN(46) - refer to other taxa.
Campylium polygamum (Bruch & Schimp.) C.E.O.Jensen = *Drepanocladus polygamus* [3243]

- Campylium squarriifolium* Broth. = *Ctenidium squarriifolium* [1521] (= *Ectropothecium squarriifolium*)
- Campylium stellatum*** (Hedw.) J.Lange & C.E.O.Jens. KEN(66), UGA(6989).
Campylium stellatum var. *stellatum* (Hedw.) J.Lange & C.E.O.Jensen = *Campylium stellatum* (3243)
Campylodontium dusenii (Broth.) Broth. = *Campylodontium flavescens* (1878) (= *Mesonodon flavescens*).
Campylodontium flavescens (Hook.) Bosch. & Sande Lac. = *Mesonodon flavescens* (715)
- Campylodontium flavescens* var. *viride*** Cardot MDG(40).
Campylodontium flavescens var. *viride* Cardot. Note: this variety presumably belongs with the owning species, in *Mesonodon*; revision is required.
Campylodontium mauritanium (Müll.Hal. ex Besch.) Broth. = *Mesonodon flavescens* (715)
Campylodontium schimperi Broth., *nom. illeg. incl. spec. prior.* = *Pylaisiobryum abyssinicum* [1521]
Campylopodia diversifolia J.F.Leroy & Thér. = *Campylopus obrutus* (1751)
Campylopodium cygnaeum (Aongstr.) Paris = *Campylopodium proscriptum* [10: 312] (= *Dicranella proscripta*)
Campylopodium euphorocladum (Müll.Hal.) Besch. = *Campylopodium medium* (506)
Campylopodium euphorocladum var. *laevigatum* (Thér.) Thér. = *Microcampylopus laevigatus* (507)
Campylopodium laevigatum Thér. = *Microcampylopus laevigatus* (507)
- Campylopodium medium*** (Duby) Giese & J.-P.Frahm KEN(3412,5315).
Campylopodium medium (Duby) Giese & J.-P.Frahm. Note: according to J.-P. Frahm (pers.comm.) these records are unlikely: it is doubtful that this genus occurs in Africa, and in the past specimens of *Microcampylopus laevigatus* were often given this name.
Campylopodium proscriptum (Hornsch.) Broth. = *Dicranella proscripta* (506)
Campylopus abyssinicus De Not. Excluded: no specimen available (54: 195)
Campylopus abyssinicus Schimp. ex Paris, *nom. nud.* = *Campylopus fragilis* (54: 198)
Campylopus acrocaulon (Müll.Hal.) Kindb. = *Campylopus pilifer* (54: 143)
- Campylopus acuminatus* var. *kirkii*** (Mitt.) J.-P.Frahm SAF(4670,7812,8328).
Campylopus aethiops Welw. & Duby = *Campylopus aureonitens* (54: 24)
Campylopus afro-concolor Müll.Hal. ex Broth. = *Campylopus savannarum* (54: 169)
Campylopus alienus Dixon = *Campylopus arctocarpus* var. *madecassus* (54: 16)
Campylopus alpicola (Müll.Hal.) A.Jaeger = *Campylopus fragilis* (54: 81)
Campylopus altovirescens (Müll.Hal.) Paris = *Campylopus robillardaei* (54: 164)
Campylopus alvarezianus Cardot = *Campylopus eximius* (54: 67) (= *Campylopus incrassatus*)
Campylopus ambiguus Thér. Excluded: no herbarium material available (54: 196).
Campylopus amblyacron (Renauld) Renauld & Cardot = *Campylopus cambouei* (1751)
Campylopus ampliretis (Müll.Hal.) Paris = *Campylopus flaccidus* (54: 71)
Campylopus angolensis A.A.Machado & Dixon = *Campylopus savannarum* (54: 171)
Campylopus angstroemii Muel.Hal., *orthogr.* = *Campylopus aongstroemii* [1521] (= *Campylopus aureonitens*)
Campylopus anguste-limbatus Thér. & P.de la Varde = *Campylopus nivalis* (1751)
Campylopus angustinervis Dixon = *Campylopus perpussillus* (54: 139)
Campylopus aongstroemii Müll.Hal. = *Campylopus aureonitens* (54: 24)
Campylopus arbogastii Renauld & Cardot = *Campylopus julaceus* ssp. *arbogastii* (54: 109)
Campylopus arbogastii var. *capitulifer* Renauld & Cardot = *Campylopus julaceus* ssp. *arbogastii* (54: 111)
Campylopus arboricola Cardot & Dixon = *Campylopus purpureocaulis* (54: 158)
Campylopus arctocarpus ssp. *arctocarpus* (Hornsch.) Mitt. Note: all records of this species for Africa belong to ssp. *madecassu* - ssp. *arctocarpus* is neotropical (54: 18).
- Campylopus arctocarpus* ssp. *madecassus*** (Besch.) J.-P.Frahm COM(54), MAU(54), MDG(40,54), MLW(67,2084), REU(54), RIM(4639), SAF(7766,7812,8328), SEY(54,1926,2353), TAN(54).
- Campylopus arcuatus*** (Brid.) A.Jaeger ASC(54,1296,5331), MAU(54), MDG(40,54), MLW(2084), REU(54), SEY(1926,1941,2353), STH(54,1296,4202,4626,5331).
Campylopus argutidens Broth. & Paris = *Campylopus savannarum* (54: 169)
Campylopus argutidens var. *angustifolius* Thér. & P.de la Varde = *Campylopus savannarum* (54: 169)
Campylopus argutidens var. *parvifolius* Thér. & P.de la Varde, *nom. inval. descr. gall.* Excluded: this taxon was not dealt with in Frahm's 1999 type catalogue [4997: 22], but may be another synonym of *Campylopus savannarum*.
Campylopus ascensionis Müll.Hal. *nom. dub. in sched.* = *Campylopus pilifer* (54: 143)
Campylopus ascensionicum Mitt. ex Frahm, *nom. dub. in sched.* = *Microcampylopus laevigatus* (43: 195)
Campylopus aspericuspis Thér. & P.de la Varde = *Campylopus savannarum* (54: 169)
Campylopus assimilis Thér. & P.de la Varde = *Campylopus savannarum* (54: 169)
Campylopus atosordidus Müll.Hal. ex Broth., *err.* = *Campylopus atosordidus* [1521] (= *Campylopus pilifer*)
Campylopus atroluteus (Müll.Hal.) Paris = *Campylopus bartramianus* & *C. bicolor* ssp. *atroluteus* Note: see discussion in Frahm (54: 40) about the distribution of these two plants.
Campylopus atosordidus Müll.Hal. ex Broth. = *Campylopus pilifer* (54: 143)
Campylopus aubertii Thér. ex Broth., *nom. nud.* = *Campylopus hildebrandtii* (54: 198)
- Campylopus aureonitens*** (Müll.Hal.) A.Jaeger ANG(54), ASC(54,5340), BIO(8180), CMN(40), COM(40,54), KEN(54), MAU(54), MDG(40,54), MLW(67,2084), REU(54), SAF(54,1531,7766,7812,8328), SWZ(1531), TAN(54), ZIM(54).
Campylopus aureus Bosch. & Sande Lac. = *Campylopus schmidii* (1751)

- Campylopus auronitens* Aongstr., orthogr. = *Campylopus aureonitens* [1521]
- Campylopus bartramiaceus*** (Müll.Hal.) Paris LES(1531,4897), MLW(2084), NAM(1531,7155), REU(105), SAF(54,1531,4897,7766,7812,8328), SWZ(1531).
Campylopus bartramiaceus (Müll.Hal.) Thér. ex Broth., hom. illeg. = *Campylopus introflexus* [1911: 171]
Campylopus bartramiaceus var. *laevis* P.de la Varde & Thér. = *Campylopus nivalis* [54: 35]
Campylopus basalticolus (Müll.Hal.) Paris = *Campylopus subchlorophyllosus* (54: 182)
Campylopus bequaertii Thér. & Naveau = *Campylopus savannarum* (54: 169)
Campylopus bequaertii var. *gabonensis* Thér. & P.de la Varde = *Campylopus savannarum* (1751)
Campylopus bessonii Renaud & Cardot = *Campylopus pilifer* (54: 143)
Campylopus bewsii Sim = *Campylopus pilifer* (54: 143)
Campylopus bicolor (Müll.Hal.) Wilson. Excluded: this is recorded by Crosby *et al.* (40) for Madagascar, on the basis of *Campylopus pseudobicolor* (shown as a synonym); this is not a synonym of *Campylopus bicolor*, which only occurs in Africa as ssp. *atroluteus* (54: 37).
- Campylopus bicolor* ssp. *atroluteus*** (Müll.Hal.) J.-P.Frahm LES(4897), SAF(54,1531,7812,8328), SWZ(7972).
Campylopus boivinianus Besch. = *Campylopus flexuosus* (54: 76)
Campylopus boivini Besch. ex Kindb., nom. illeg. incl. spec. prior. = *Campylopus boivinianus* [1521] (= *Campylopus flexuosus*)
Campylopus boryanus Besch. = *Campylopus nivalis* (54: 124)
Campylopus boryi Besch. ex Kindb., nom. illeg. incl. spec. prior. = *Campylopus boryanus* [1521] (= *Campylopus nivalis*)
Campylopus brachymastix Müll.Hal. ex Besch. = *Campylopus flexuosus* (54: 76)
- Campylopus brevipilus*** Bruch, Schimp. & W.Gümbel
CHA(51,4480,4507,4508,4527,4534,4565).
Campylopus brevipilus var. *marginatulus* (Geh.) Thér. = *Ditrichum punctulatum* (54: 197)
Campylopus brevirameus Dixon = *Campylopus pilifer* var. *brevirameus* [8240]
Campylopus brevis Rehm. ex Geh., nom. nud. = *Campylopus atroluteus* [4378: 81]. Note: see under *Campylopus atroluteus*.
Campylopus bryhnii Broth. = *Campylopus nanophyllus* (54: 122)
Campylopus cagnii Negri = *Campylopus leucochlorus* (54: 115)
Campylopus cailleae Renaud & Cardot = *Campylopus perpusillus* (54: 139)
Campylopus calochlorus Broth. & Thér. = *Campylopus pilifer* (54: 143)
Campylopus calvatus Dixon ex Luisier = *Campylopus pyriformis* (54: 160)
Campylopus calvus Renaud & Cardot = *Campylopus aureus* (54: 30)
- Campylopus cambouei*** Renaud & Cardot GUI(47,54), KEN(411), MAU(54), MDG(40,54), MLW(67,2084), MOZ(54), SAF(54,7812,8328), TAN(54), UGA(7353).
Campylopus cambouei var. *amblyacron* Renaud = *Campylopus cambouei* [1751]
Campylopus canescens (Müll.Hal.) Schimp. ex A.Jaeger = *Campylopus introflexus* (54: 99)
Campylopus capensis Broth. = *Campylopus stenopelma* (82: 142) (= *Campylopus thwaitesii*)
Campylopus capensis Schimp. ex Mitt., nom. nud. = *Campylopus introflexus* (54: 97)
Campylopus capillaceus (Brid.) A.Jaeger, hom. illeg. Excluded: no herbarium material available (54: 195).
Campylopus capitiflorus Mont. = *Campylopus arcuatus* (54: 19)
Campylopus capitiflorus var. *pachycomus* Besch. = *Campylopus arcuatus* (54: 19)
Campylopus caractitis Paris, err. = *Campylopus catarractilis* [1521]
Campylopus cardotii Thér. = *Campylopus controversus* (2269) (= *Campylopus thwaitesii*)
- Campylopus carolinae*** Grout RWA(65), SAF(4210,7812,8328).
- Campylopus catarractilis*** (Müll.Hal.) Paris LES(4897), MDG(54), MLW(2084), SAF(54,1531,7812,8328).
Campylopus chalarobasens Müll.Hal. ex Paris, nom. nud. Excluded: unpublished, based on *Dusén* 262, from Cameroon.
Campylopus chateauvertii Thér. = *Campylopus flaccidus* (54: 71)
- Campylopus chevalieri*** Broth. & Thér. BIO(2662), CMN(47,54), CON(47,54), GAB(47,54), IVO(47,54), NGA(47,54,5148), RIM(4639), SIE(47,54).
Campylopus chlorophyllosus Müll.Hal. = *Campylopus bicolor* var. *atroluteus* (54: 37)
Campylopus chlorophyllosus var. *compactus* Müll.Hal. ex Paris, nom. nud. Excluded: unpublished, based on *Rehmann* 49, South Africa.
Campylopus chlorophyllosus var. *rivularis* Müll.Hal. ex Paris, nom. nud. Excluded: unpublished, based on *Rehmann* 48, South Africa.
Campylopus chlorophyllosus var. *tristis* Müll.Hal. ex Paris, nom. nud. Excluded: unpublished, based on *Rehmann* 47, South Africa.
Campylopus chlorotrichus (Müll.Hal.) Paris = *Campylopus stenopelma* (54: 180) (= *Campylopus thwaitesii*)
Campylopus chrismarii (Müll.Hal.) Mitt. = *Campylopus nivalis* (54: 124)
Campylopus chryseolus Besch. = *Campylopus aureus* (54: 30)
Campylopus chrysocolus Müll.Hal. nom. nud., err. = *Campylopus chryseolus* [1521] (= *Campylopus aureus*)
- Campylopus clavatus*** (R.Br.) Wilson in Hook.f. SAF(7812,8328).

- Campylopus clavatus* (R.Br.) Wilson. Excluded: not found in our area - see Frahm (54: 57).
Campylopus clavatus Rehmman ex Sim, *nom. nud.* = *Campylopus introflexus* [1911: 171; 54: 198]
Campylopus comatus Renauld & Cardot = *Campylopus trachyblepharon* ssp. *comatus* (54: 187)
Campylopus comatus var. *subcomatus* (Renauld & Cardot) Thér. = *Campylopus trachyblepharon* ssp. *comatus* (54: 187)
Campylopus commersonii Besch. ex Renauld = *Campylopus nivalis* (54: 124)
Campylopus compactus Paris & Broth., *hom. illeg.* = *Campylopus savannarum* (54: 169)
Campylopus consociatus Thér. = *Campylopus flaccidus* (54: 71)
Campylopus controversus (Hampe) A.Jaeger = *Campylopus thwaitesii* (4210: 32)
- Campylopus crateris*** Besch. COM(40,54), KEN(54), MDG(40,54), REU(40,54), UGA(7353).
Campylopus cribrus (Brid.) Brid. = *Grimmia pulvinata* [1911: 209]
Campylopus crispatus Thér. Excluded: no herbarium material available (54: 195).
Campylopus cummingii Duby = *Campylopus introflexus* (54: 97)
- Campylopus decaryi*** Thér. MDG(40,54), SAF(54,7812,8328), UGA(7353), ZAI(65), ZIM(7623).
Campylopus deciduus Renauld & Cardot = *Campylopus aureus* (54: 30)
Campylopus delagoae (Müll.Hal.) Paris = *Campylopus savannarum* (54: 169)
Campylopus denticuspis Broth. in Mildbr. = *Campylopus nivalis* (54: 124)
Campylopus denticuspis var. *acutifolius* Broth. in Mildbr. = *Campylopus nivalis* (1751)
Campylopus dickieanus Stirt., *nom. nud.* Excluded: the specimen (from Lake Nyami, ?= Lake Kariba, Zambia/Zimbabwe) has not yet been revised by Frahm [4997: 36]
Campylopus dicranelloides Renauld & Cardot = *Campylopus perpusillus* (54: 139)
- Campylopus dicranoides*** Thér. KEN(54,3412,7065), MLW(2084), RWA(65), UGA(54), ZAI(54,65).
Campylopus dissitus Müll.Hal. ex Broth. = *Campylopus savannarum* (54: 169)
Campylopus dissitus var. *parvifolius* Thér. & P.de la Varde = *Campylopus savannarum* (1751)
Campylopus divaricatus (Mitt.) A.Jaeger = *Campylopus savannarum* (54: 169)
Campylopus dixonii Luisier = *Campylopus eximius* (54: 67) (= *Campylopus incrassatus*)
Campylopus doliolidium Müll.Hal. ex Paris, *nom. nud.* = *Campylopus robillardei* (1751)
Campylopus dolosus Besch. = *Bryohumbertia* sp (54: 196)
Campylopus drouhardii Cardot & Copp. = *Campylopus aureonitens* (54: 24)
Campylopus duseonii Müll.Hal. ex Paris, *nom. nud.* = *Campylopus savannarum* (54: 169)
Campylopus echernieri Besch. = *Campylopus jamesonii* (54: 102)
Campylopus echinatus Rehmman ex Sim, *nom. illeg. incl. spec. prior.* = *Campylopus introflexus* [4800: 184]
Campylopus echinatus var. *brevipilus* Rehmman ex Dixon & A.Gepp, *nom. nud.* = *Campylopus introflexus* [4800: 184]
Campylopus echinatus var. *leucobasis* (Paris) Paris = *Campylopus introflexus* [4800: 184]
Campylopus echinatus var. *turgescens* Rehmman ex Paris, *nom. nud.* = *Campylopus introflexus* [4800: 184]
Campylopus echinatus var. *umbrosus* Rehmman ex Paris, *nom. nud.* = *Campylopus introflexus* [4800: 184]
Campylopus echinatus var. *vallis-gratiae* Rehmman ex Paris, *nom. nud.* = *Campylopus introflexus* [4800: 184]
Campylopus eckendorffii Thér. & P.de la Varde = *Campylopus pilifer* (54: 143)
Campylopus edwardsii Sim = *Campylopus ampliretis* (82: 140) (= *Campylopus flaccidus*)
Campylopus ericetorum (Mitt.) A.Jaeger. = *Campylopus introflexus* [2713: 84]
Campylopus erythrocaulon Broth. = *Campylopus savannarum* (54: 169)
Campylopus euphorocladus (Müll.Hal.) Bosch & Sande Lac. = *Campylopodium medium* [506: 126]
Campylopus eximius Reichardt = *Campylopus incrassatus* (1751)
Campylopus falcifolius Mitt. = *Campylopus eximius* (54: 67) (= *Campylopus incrassatus*)
Campylopus filescens Renauld & Cardot = *Bryohumbertia* sp (54: 196)
- Campylopus filifolius*** (Hornsch.) Mitt. MAU(105), MDG(40,105), REU(105).
Campylopus filiformis J.-P.Frahm & C.C.Towns. CMN(7923).
Campylopus flaccidus Renauld & Cardot BUR(54,65), IVO(4928), KEN(411), MDG(40,54), MLW(67,2084), MOZ(357), RWA(65), SAF(54,1531,7766,7812,8328), SUD(54), SWZ(7972), TAN(54), ZAI(65), ZIM(54).
Campylopus flaccidus var. ***cucullatifolius*** J.-P.Frahm BUR(2084), MLW(2084), SUD(2084).
Campylopus flagei Renauld & Cardot = *Campylopus filifolius* (19) (= *Bryohumbertia filifolia*)
Campylopus flavescens Rehmman ex Kindb., *nom. nud.* = *Campylopus aureonitens* (54: 24)
- Campylopus flavicoma*** Müll.Hal. ANG(146), BIO(2662), BUR(65), CMN(47), KEN(8227), MLW(2084), RWA(65), TAN(46), UGA(46), ZAI(65,5319), ZAM(62).
Campylopus flavicoma var. *falcatus* Broth. in Mildbr. = *Campylopus flavicoma* [5616]
Campylopus flavotextus Thér. ex Broth., *nom. nud.* = *Campylopus incrassatus* [1751]
Campylopus flavoviridis Dusén = *Campylopus eximius* (54: 67) (= *Campylopus incrassatus*)
Campylopus flavoviridis Schimp. in sched., non Dusén = *Campylopus aureonitens* (54: 24)
Campylopus flexuosus var. *azoricus* (Mitt.) Thér. = *Campylopus pyriformis* [1751: 15]

Campylopus flexuosus* var. *flexuosus (Hedw.) Brid. BIO(2662), MAU(54), MDG(40,54), MLW(2084), REU(54), RWA(65), SAO(47,54), STH(1296,4202,4626,5331), TAN(54,146), UGA(54), ZAI(54,65,5319), ZAM(62).

Campylopus flexuosus* var. *incacorrallis (Herzog) J.-P.Frahm KEN(7065), MAU(54), MLW(2084), REU(298), TAN(46,54,1751), UGA(54), ZAI(54,65).

Campylopus flexuosus var. *menezesianum* Luisier. Excluded: known only from Madeira, thus not within the scope of this list.

Campylopus fragilis* ssp. *fragilis (Brid.) Bruch, Schimp. & W.Gümbel CMN(54), ETH(54), KEN(411), MLW(67,2084), REU(105), RWA(54), SAF(54,1531,7812,8328), TAN(54), UGA(54), ZAI(54,65).

Campylopus fragilis var. *alpicola* (Müll.Hal.) Wijk & Margad. = *Campylopus fragilis* [1751]

Campylopus fusco-lutescens Renaud & Cardot = *Campylopus controversus* (2269) (= *Campylopus thwaitesii*)

Campylopus gallienii Paris = *Campylopus robillardei* (54: 164)

Campylopus gallienii var. *brevifolius* Thér. = *Campylopus robillardei* (1751)

Campylopus genuflexus Müll.Hal, *nom. nud.* Excluded: no description or collection known.

Campylopus germainii Demaret & V.Leroy = *Pilopogon africanus* (54: 196)

Campylopus gerontius Müll.Hal, *nom. nud.* Excluded: no description or collection known.

Campylopus griseolus (Müll.Hal.) Paris = *Campylopus pilifer* (54: 143)

Campylopus guineensis P.de la Varde & Thér., *hom. illeg.* = *Campylopus obrutus* [4997: 45]

Campylopus guineensis Thér. = *Campylopus obrutus* (54: 131)

Campylopus helenicus Müll.Hal. = *Campylopus arcuatus* (54: 19)

Campylopus hensii Renaud & Cardot ANG(54), BIO(54), CAF(47,54), CMN(47,54), CON(47), GAB(47,54), IVO(54), KEN(54), LBR(54), MLW(67,2084), NGA(47,54,334,5148,5176,5745), RIM(4639), RWA(54), SAF(54,7812,8328), TAN(54), UGA(54), ZAI(54,65,5778), ZAM(54).

Campylopus hensii var. *speciosus* Cardot = *Campylopus hensii* [54: 90]

Campylopus heribaudii Renaud & Cardot. = *Campylopus robillardei* (54: 164)

Campylopus heteroneurum Thér. = *Campylopus ampliretis* (82: 140) (= *Campylopus flaccidus*)

Campylopus hildebrandtii (Müll.Hal.) A.Jaeger BIO(2662), BUR(54,65), CMN(54), COM(40,54), ETH(1927), IVO(4928), KEN(54,5315,6615), MDG(40), MLW(67,2084), REU(54,298), SAF(54,4897,7812,8328), TAN(54), UGA(54), ZAI(54,65,5319).

Campylopus hispidus Renaud & Cardot = *Campylopus pilifer* (1751)

Campylopus hoehnelii (Müll.Hal.) Kindb. = *Campylopus pilifer* (54: 143)

Campylopus hoehnelii var. *subelamellatus* Broth. in Mildbr. = *Campylopus johannis-meyeri* (54: 106)

Campylopus homomallus Leroy & Thér. = *Campylopus flexuosus* (54: 76)

Campylopus horridus Welw. & Duby = *Campylopus savannarum* (54: 171)

Campylopus hygrometricus Rehmann ex Geh., *nom. nud.* = *Campylopus aureonitens* (54: 198)

Campylopus imandae (Müll.Hal.) Paris, *orthog.* = *Campylopus inerangae* [1521]. Note: see under that species.

Campylopus inandae (Müll.Hal.) Paris = *Campylopus savannarum* (54: 171)

Campylopus incacorrallis Herzog = *Campylopus flexuosus* var. *incacorrallis* (1751)

Campylopus inchangae (Müll.Hal.) Paris = *Campylopus robillardei* (54: 164)

Campylopus inrangae (Müll.Hal.) Dixon & Gepp = *Campylopus inerangae* [1521]. Note: see under that species.

Campylopus incrassatus Müll.Hal. ASC(54), BIO(2662).

Campylopus inerangae (Müll.Hal.) Paris. Note: orthographic variant for *Campylopus inchangae*, but the specimen from Madagascar (40) given this name was *Campylopus arctocarpus* ssp. *madecassus*, not *Campylopus robillardei* (54: 164).

Campylopus interruptulus Besch. = *Campylopus filifolius* (1641) (= *Bryohumbertia filifolia*)

Campylopus introflexus (Hedw.) Brid. ASC(2738), BOT(1531), CHA(51,4480,4507,4508,4534,4565), LES(1531,4897), MAU(105), NAM(1531,7155), REU(54), SAF(54,1531,4897,7766,7812,8328), STH(54,1296,4202,4626,5331), SWZ(7972), ZIM(7623).

Campylopus introflexus (Hedw.) Brid. Note: some published collections with this name are misidentified (e.g. Sierra Leone and Cameroon in (47), which are *Campylopus pilifer*) (54: 149)

Campylopus introflexus var. *altecristatus* (Renaud & Cardot) Thér. = *Campylopus pilifer* (54: 149)

Campylopus introflexus var. *mauritanus* (Renaud & Cardot) Thér. = *Campylopus pilifer* (54: 147)

Campylopus introflexus var. *poecilophyllus* Thér. ex P.de la Varde, *nom. nud.* = *Campylopus pilifer* [1751: 60]

Campylopus introflexus var. *polytrichoides* (De Not.) Giacom. = *Campylopus pilifer* (54: 143)

Campylopus jamesonii (Hook.) A.Jaeger BIO(2662), CMN(47,54), KEN(54,3412,5315), MDG(40,54), MLW(67,2084), MOZ(54), REU(40,54), RWA(54,65), SAF(54,1531,7812,8328), TAN(54), UGA(54), ZAI(54,65), ZIM(54).

- Campylopus jashii* Broth. ex Naveau, *nom. nud. in synonym.* = *Dicranum jashii* [5967: 21]. Excluded: see *Dicranum jashii* var. *latifolium*.
- Campylopus johannis-meyeri*** (Müll.Hal.) Kindb. CMN(54), KEN(54,3412), MLW(2084), TAN(54), ZAI(54,65,5319).
- Campylopus jucrangae* (Müll.Hal.) Paris = *Campylopus robillardei* (54: 164)
- Campylopus julaceus* Rehmann ex Paris, *nom. nud.* = *Campylopus julaceus* ssp. *arbogastii* (54: 109)
- Campylopus julaceus* ssp. *arbogastii*** (Renauld & Cardot) J.-P.Frahm MAU(54), MDG(40,54), REU(54), SAF(54,1531), SEY(54,2353).
- Campylopus kivuensis*** P.de la Varde & Thér. UGA(7353), ZAI(54,65,5319).
- Campylopus kouroussensis* Renauld & Paris = *Campylopus perpusillus* (54: 139)
- Campylopus labeensis* Broth. & Paris = *Campylopus cambouei* (54: 45)
- Campylopus lacouturei* Thér. ex Broth., *nom. nud.* Excluded: an undescribed specimen from Madagascar.
- Campylopus laevigatus* Burch. = *Grimmia laevigata* (82: 277)
- Campylopus latifolius* Cardot = *Campylopus perpusillus* (54: 139)
- Campylopus latifolius* Rehmann ex Kindb. *nom. nud.* = *Campylopus flaccidus* (54: 71)
- Campylopus lavardei* Thér. ex P.de la Varde = *Campylopus cambouei* [1751: 46]
- Campylopus laxobasis* Renauld & Cardot = *Campylopus cambouei* (54: 45)
- Campylopus lecomtei* Besch. ex P.de la Varde, *nom. nud.* Excluded: no herbarium material available (54: 198).
- Campylopus lepidophyllus* (Müll.Hal.) A.Jaeger = *Campylopus introflexus* (54: 97)
- Campylopus leptodrepanium* (Müll.Hal.) Paris = *Campylopus nivalis* (54: 124)
- Campylopus leptotrichaceus* (Müll.Hal.) Paris = *Campylopus pyriformis* (804). Note: some plants recorded under this name are *Campylopus praetermissus* (e.g. Gabon (47)) (54: 152).
- Campylopus letestui* Thér. & P.de la Varde = *Campylopus nanophyllus* (54: 122)
- Campylopus leucobasis* Paris = *Campylopus pilifer* (54: 143)
- Campylopus leucobasis* var. *bartramiaceus* (Müll.Hal.) Paris = *Dicranum leucobasis* var. *bartramiaceus* [1521] (= *Campylopus pilifer*)
- Campylopus leucobasis* var. *longescens* (Müll.Hal.) Paris = *Campylopus robillardei* [1751: 48]
- Campylopus leucochlorus* (Müll.Hal.) Kindb. = *Campylopus hildebrandtii* (804)
- Campylopus levieri* Broth. ex Paris, *nom. nud.* = *Campylopus hensii* (54: 198)
- Campylopus lindavii* Broth. *nom. nud.* = *Campylopus dicranoides* (54: 198)
- Campylopus linochlocladus* Müll.Hal. = *Campylopus aureonitens* (54: 24)
- Campylopus longescens* (Müll.Hal.) Paris = *Campylopus robillardei* (54: 164)
- Campylopus longescens* var. *firmus* Rehmann ex Paris, *nom. nud.* = *Campylopus robillardei* (54: 164)
- Campylopus longifolius* Besch. = *Campylopus arcuatus* (54: 24)
- Campylopus longipilus* Brid., *nom. illeg. incl. spec. prior.* Excluded: the specimen is a mixture of *Campylopus pilifer* and *Campylopus atrovirens* [1751: 49]
- Campylopus luluensis* Thér. & Naveau = *Campylopus savannarum* (1751)
- Campylopus lusciniialis* Dixon = *Campylopus pyriformis* (54: 160)
- Campylopus maclaudii* Paris & Broth. = *Campylopus nanophyllus* (54: 122)
- Campylopus macleani* Rehmann ex Kindb., *nom. nud.* = *Campylopus macleanus* [1521] (= *Campylopus robillareii*)
- Campylopus macleanus* Rehm. = *Campylopus robillardei* (54: 164)
- Campylopus macleanii* Paris & Broth., *orthog.* = *Campylopus maclaudii* [1521] (= *Campylopus nanophyllus*)
- Campylopus macrotis* Müll.Hal. ex Broth. = *Campylopus savannarum* (54: 171)
- Campylopus madagassus* Dixon = *Campylopus arctocarpus* ssp. *madecassus* (54: 16)
- Campylopus madecassus* Besch. = *Campylopus arctocarpus* ssp. *madecassus* (54: 16)
- Campylopus mahensis* Broth., *nom. dub. in sched.* = *Campylopus arctocarpus* var. *madecassus* (54: 195)
- Campylopus mangelotii* Bizot & Kilb. = *Campylopus smaragdinus* (1751: 50)
- Campylopus manginii* Thér. = *Campylopus nivalis* (54: 124)
- Campylopus marginatulus* Geh. = *Ditrichum punctulatum* (54: 197)
- Campylopus marillacii* Rehmann ex Paris, *nom. nud.* = *Campylopus flaccidus* (54: 198)
- Campylopus matarensis* Besch. = *Campylopus arctocarpus* ssp. *madecassus* (54: 16)
- Campylopus mathieui* Thér. = *Campylopus savannarum* (54: 171)
- Campylopus metzlerelloides* (P.de la Varde & Thér.) Bizot = *Bryohumbertia flavicomma* (1751)
- Campylopus minor* Besch. = *Campylopus pyriformis* (54: 160)
- Campylopus mollis* Müll.Hal. ex Paris, *nom. nud.* = *Campylopus stenopelma* (54: 198) (= *Campylopus thwaitesii*)
- Campylopus montanus* Welw. & Duby = *Campylopus savannarum* (54: 171)
- Campylopus mozambicus* P.de la Varde = *Campylopus cambouei* (54: 45)
- Campylopus nanophyllus*** Müll.Hal. ex Broth. CAF(47,54), CMN(47,54), GAB(47,54), GUI(47,54), IVO(1458), MDG(40), MLW(67,2084), REU(54), RWA(65), SAF(54,7812,8328), SEY(2353), ZIM(54).
- Campylopus nanotenax* (Müll.Hal.) Paris = *Campylopus hildebrandtii* (54: 91)
- Campylopus nanus* Müll.Hal. = *Dicranella subsubulata* (507)
- Campylopus natalensis* (Müll.Hal.) Paris = *Campylopus hildebrandtii* (54: 91)
- Campylopus naumannii* (Müll.Hal.) Kindb. = *Campylopus aureonitens* (54: 24)
- Campylopus nivalis*** var. *nivalis* (Brid.) Brid. CMN(47,54), ETH(1927),

- KEN(54,3412,5315), LES(4897), MAU(105), MDG(54), MLW(67,2084), REU(54), RWA(54,65), SAF(54,7812), SEY(1941,2353), TAN(54), UGA(54), ZAI(54,5319).
- Campylopus obrutus*** Thér. & P.de la Varde BUR(65), CMN(47,54), CON(47,54), GAB(47,54), GUI(47,54,1458,5041), IVO(4928), NGA(54,1492), RWA(65), ZAI(54,65).
Campylopus ochrodictyon Ångstr. = *Campylopus introflexus* (54: 97)
Campylopus olivaceonigricans Müll.Hal. = *Campylopus ampliretis* (82: 140) (= *Campylopus flaccidus*)
Campylopus orzeszkoanus Renauld & Cardot = *Campylopus crateris* (54: 60)
Campylopus ovalis (Hedw.) Wahlenb. = *Grimmia ovalis* [1521] Note: but likely to be *Grimmia affinis* [355].
Campylopus pallescens Besch. = *Campylopus hildebrandtii* (54: 91)
Campylopus pallidisetus Thér. = *Bryohumbertia* sp (54: 197)
Campylopus pallidonitens Thér. = *Campylopus robillardaei* (54: 164)
Campylopus pallidus Hook.f. & Wilson = *Campylopus pyriformis* (54: 160)
Campylopus paludicola Broth. = *Campylopus pyriformis* (1562)
Campylopus paludicola var. *robustus* Thér. in Naveau = *Campylopus pyriformis* [1562]
Campylopus parallelus Thér. ex Broth., *nom. nud.* = *Campylopus arcuatus* (54: 198)
Campylopus parisii Renauld = *Campylopus smaragdinus* (54: 177)
Campylopus paulensis Broth. *nom. dub. in sched.* = *Campylopus eximius* (54: 67) (= *Campylopus incrassatus*)
- Campylopus perichaetialis*** P.de la Varde & Thér. IVO(1880), KEN(54,7065), RWA(54,65), ZAI(54,65).
- Campylopus perpussillus*** Mitt. BOT(507), BUR(65), CAF(47,54), CMN(47,54), CON(47), GAB(47,54,507), GUI(47,54), KEN(54), MDG(40,54), MOZ(54), NGA(47,54,334,507,5176), RWA(54,65), SAF(507,1531,7812,8328), SIE(47,54,507), TAN(46,54,507), UGA(46,54,507), ZAI(54,65,507), ZAM(46,54), ZIM(46,54).
Campylopus perrieri Thér. = *Campylopus flaccidus* (54: 71)
- Campylopus pilifer* ssp. *pilifer*** Brid. ANG(54), ASC(54,1296,5331,5334,5340), BIO(8180), BUR(54,65), CAF(47,54), CHA(54,4527), CMN(47,54), COM(40,54), CVI(56,1296,2666,6453), ETH(54), IVO(4928), KEN(54,3412,5315,6615,7065), LBR(54), LES(54,1531,4897), MAU(54), MDG(40,54), MLW(67,2084), NAM(1531,7155), REU(54), RWA(54,65), SAF(54,1531,4897,7812,8328), SIE(47,54), SOC(40,54,1626,2374,5613), STH(5331), SWZ(1531), TAN(54), UGA(54), ZAI(54,65,5319), ZIM(54).
- Campylopus pilifer* var. *brevirameus*** (Dixon) J.-P.Frahm & Stech REU(8240), SAF(8240), SEY(2353,8240).
- Campylopus pilifer* var. *simii*** J.-P.Frahm & Hedderson SAF(7812,8328).
Campylopus pintasi Broth ex Müll.Hal., *nom. nud.* Excluded: no specimen or description available.
Campylopus pobeguini Paris & Broth. = *Campylopus savannarum* (54: 171)
Campylopus pobeguini var. *minor* Paris = *Campylopus savannarum* (1751)
Campylopus poicilophyllus Naveau, *nom. inval. in synonym.* = *Campylopus pilifer* (54: 143)
Campylopus polytrichoides De Not. = *Campylopus pilifer* (54: 143)
Campylopus polytrichoides ssp. *eupolytrichoides* Giac. = *Campylopus pilifer* [54: 143]
Campylopus polytrichoides ssp. *polytrichoides* (De Not.) Giac. = *Campylopus pilifer* [54: 143]
Campylopus polytrichoides var. *altecristatus* Renauld & Cardot = *Campylopus pilifer* [54: 149]
Campylopus polytrichoides var. *bessonii* (Renauld & Cardot) Renauld & Cardot = *Campylopus pilifer* [54: 143]
Campylopus polytrichoides var. *genuinus* Giac., *nom. illeg.* = *Campylopus pilifer* [54: 143]
- Campylopus praetermissus*** J.-P.Frahm GAB(47,54), KEN(54), MAU(54,5916), MLW(2084), REU(298), RWA(65), SAF(54,7766,7812,8328), TAN(54), UGA(7353), ZAI(65).
Campylopus preussii Broth. ex Paris = *Campylopus johannis-meyeri* (54: 106)
Campylopus procerus (Müll.Hal.) Kindb. = *Campylopus jamesonii* (54: 102)
- Campylopus pseudobicolor*** Müll.Hal. ex Renauld & Cardot MAU(105), MDG(40,54), MLW(2084), SAF(54,7766,7812,8328).
Campylopus pseudoclavatus Paris, *nom. nud.* = *Campylopus introflexus* [1911:171]
Campylopus pseudojulaceus Sim, *hom. illeg.* = *Campylopus julaceus* ssp. *arbogaster* (54: 109)
Campylopus pseudonigrescens Thér. = *Campylopus flaccidus* (54: 71)
Campylopus pseudovirescens Renauld & Cardot. Excluded: probably *Campylopus arcuatus* (1751).
Campylopus pulvinatus Paris, *nom. illeg.* = *Campylopus catarractilis* (54: 51)
Campylopus purpurascens Lorentz = *Campylopus pilifer* (54: 143)
Campylopus purpureo aureus (Müll.Hal.) Paris = *Campylopus aureonitens* (54: 24)
Campylopus pusillus Schimp. ex Müll.Hal., *hom. illeg.* = *Microcampylopus nanus* [4800: 187] (= *Dicranella subsublata*)
Campylopus pygmaeofilifolius Müll.Hal., *nom. nud.* = *Bryohumbertia flavicoma* (54: 198)

- Campylopus pyriformis* var. *pyriformis*** (Schultz) Brid. CVI(56,6453), KEN(54,411), LES(4897), MLW(67,2084), REU(298), RWA(54,65), SAF(54,1531,4897,7766,7812,8328), TAN(54), UGA(4282), ZAI(54,65), ZIM(7623).
Campylopus quintasii Broth. = *Campylopus flexuosus* (54: 76)
Campylopus rallieri Cardot = *Campylopus eximius* (54: 67) (= *Campylopus incrassatus*)
Campylopus rehmannii Thér., *nom. nud.* Excluded: no specimen or description known.
Campylopus reticulatus Paris & Broth. Excluded: type specimen is not *Campylopus* (54: 197).
Campylopus rigens Renauld & Cardot = *Campylopus arctocarpus* var. *madecassus* (54: 16)
Campylopus ripicola Besch. = *Campylopus aureus* (54: 30)
- Campylopus robillardaei*** Besch. MAU(54), MDG(40,54,6908), MLW(67,2084), MOZ(357), REU(54), RWA(65), SAF(54,1531,7812,8328), SEY(2353), SWZ(1531), TAN(54), UGA(54), ZAI(65), ZIM(54).
Campylopus rufoviridis Besch., *nom. dub. in sched.* = *Campylopus chrismarii* (54: 195)
Campylopus ruwenzoriensis Demaret & P.de la Varde = *Campylopus fragilis* (54: 81)
Campylopus ryparochlorus Müll.Hal., *nom. dub. in sched.* = *Campylopus flexuosus* (54: 196)
Campylopus saddleianus (Müll.Hal.) Besch. = *Campylopus vesticaulis* (54: 192)
Campylopus salessianus Broth. = *Campylopus savannarum* (54: 171)
Campylopus santae-helenae Schimp. ex Paris, *nom. nud. in synon.* = *Campylopus helenicus* [25:326] (= *Campylopus arcuatus*)
- Campylopus savannarum*** (Müll.Hal.) Mitt. ANG(54), BIO(2662), BOT(1531), BUR(54,65), CAF(47,54), CMN(47,54), CON(47,54), ETH(50), GAB(47,54), GHA(54), GUI(47,54), IVO(54,1458), KEN(54,7065), LBR(47,54), MLW(67,2084), NGA(47,54,1492,5148), PRI(47,54), RWA(65), SAF(54,1531,7812,8328), SAO(47,54), SIE(47,54), SWZ(1531), TAN(54), TOG(1878), UGA(54), ZAI(54,65,5319), ZAM(54), ZIM(54).
Campylopus scabricuspis Mitt. = *Campylopus flexuosus* (1751)
Campylopus schenkei Paris, *nom. nud. orthogr.* = *Campylopus schenkei* [1521] Excluded: see *Campylopus schenkei*.
Campylopus schenkei Müll.Hal. ex Paris, *nom. nud.* Excluded: *Rehmann* 39 (coll. Montagu pass, Cape peninsula) has not been described.
- Campylopus schmidii*** (Müll.Hal.) A.Jaeger COM(40,54), MDG(40,54), REU(40,54), ZAI(65).
Campylopus schroederi Broth. = *Byohumbertia flavicoma* (65)
Campylopus schunkei Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Campylopus bicolor* (54: 199)
Campylopus schweinfurthii Müll.Hal., *nom. nud.* = *Campylopus pilifer* [7878]
Campylopus sciuroides Welw. & Duby = *Campylopus savannarum* (54: 171)
Campylopus scottianus (Turn.) Brid. = *Orthodicranum scottianum* [1521] Excluded: *Dicranum scottianum* has not been recorded for Africa, but the *Index Muscorum* supplement adds it in error to the distribution.
Campylopus semidorsum Rehmann ex Paris, *nom. nud.* = *Campylopus catarractilis* (54: 51)
Campylopus sericeus Negri, *hom. illeg.* = *Campylopus nivalis* (54: 124)
Campylopus serricususpis Thér. & P.de la Varde = *Campylopus savannarum* (54: 171)
Campylopus serridorsus (Müll.Hal.) Paris = *Campylopus robillardaei* (54: 164)
Campylopus silvaticus Rehmann ex Paris, *nom. nud.* = *Campylopus praetermissus* (54: 152)
Campylopus simii Schelpe = *Campylopus julaceus* ssp. *arbogastii* (54: 109)
Campylopus skaminens, *nom. dub. in sched.* = *Atractylocarpus alticaulis* (54: 196)
- Campylopus smaragdinus*** (Brid.) A.Jaeger ASC(54,1296,5329,5340), KEN(54), MDG(40,54), REU(54,109), TAN(54), ZAI(54,65).
Campylopus squalidus Brid. = *Racomitrium lanuginosum* [1914]
Campylopus stenopelma (Müll.Hal.) Paris = *Campylopus controversus* (2269) (= *Campylopus thwaitesii*)
Campylopus stramineus (Mitt.) A.Jaeger = *Campylopus nivalis* (54: 124)
Campylopus strictus Taylor ex Hook., *nom. nud. in synon.* = *Campylopus clavatus* [4997: 87] Excluded: not found in Africa - see Frahm [54: 57].
Campylopus subambiguus Thér. = *Campylopus nanophyllus* (54: 122)
Campylopus subbartramiaceus Müll.Hal. ex Geh., *nom. nud.* = *Campylopus pilifer* (54: 143)
Campylopus subbrachyphyllus Paris, *nom. nud.* Excluded: the original specimen (*Dusén* 658 from Cameroon) has not been published.
Campylopus subchlorophyllosus Müll.Hal. ex Rabenh. = *Sphaerothecium subchlorophyllosum* (1475)
Campylopus subclavatus Kindb., *nom. nud.* = *Campylopus clavatus* Rehmann ex Sim, *nom. nud.* [1521] (= *Campylopus introflexus*)
Campylopus subcomatus Renauld & Cardot = *Campylopus trachyblepharon* ssp. *comatus* [54: 187]
Campylopus suberythrocaulon Broth. in Mildbr. = *Campylopus hensii* (54: 87). Note: some specimens given this name belong to *Campylopus savannarum* (e.g Congo (47)) (54: 87)
Campylopus suberythrocaulon var. *parvifolius* P.de la Varde, *nom. inval. desc. gall.* = *Campylopus hensii* (1751)
Campylopus subflexuosus Paris, *nom. nud.* = *Campylopus fragilis* (54: 199)
Campylopus subintroflexus Kindb. = *Campylopus pilifer* (54: 143)
Campylopus subleptodrepanium Broth. = *Campylopus nivalis* (1751)

- Campylopus subobrutus* Thér. & P.de la Varde = *Campylopus obrutus* (54: 131)
Campylopus subperichaetialis Bizot & Kilb. = *Campylopus incacorrallis* (1751)
Campylopus subpulvinatus P.de la Varde & Thér. = *Campylopus smaragdinus* (54)
Campylopus subpusillus Paris = *Dicranella subsubulata* [82: 121]
Campylopus substramineus Broth. in Mildbr. = *Campylopus nivalis* (54: 125)
Campylopus subvirescens Renauld & Cardot = *Campylopus arctocarpus* ssp. *madecassus* (54: 16)
Campylopus sudabyanus Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Campylopus robillardei* (54: 199)
Campylopus symonsii Sim = *Campylopus aureonitens* (54: 24)
Campylopus taylorii Dixon = *Campylopus nivalis* (54: 124)
Campylopus tenax (Müll.Hal.) Broth. = *Campylopus stenopelma* (54: 180) (= *Campylopus thwaitesii*)
Campylopus tenellus Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Campylopus pilifer* (54: 199)
- Campylopus thwaitesii*** (Mitt.) A.Jaeger LES(1531), MAU(40,56), MDG(40,54), MLW(67,2084), MOZ(54), REU(54), RWA(65), SAF(54,1531,7812,8328), STH(54), SWZ(1531), ZAI(65), ZIM(7623).
Campylopus tisserantii P.de la Varde = *Campylopus nanophyllus* (54: 122)
Campylopus torfaceus Schimp. = *Campylopus pyriformis* [1751: 80]
Campylopus torfaceus var. *alpicola* (Müll.Hal.) Paris = *Campylopus fragilis* [54: 208]
- Campylopus torrentis*** Thér. & P.de la Varde GAB(47,54), NGA(54,1492).
Campylopus trachyblepharon ssp. *comatus* (Renauld & Cardot) J.-P.Frahm MAU(54), MDG(40,54), REU(298).
Campylopus trachynotus Müll.Hal., *nom. nud.* Excluded: no specimen known.
Campylopus transvaaliensis Rehmann ex Kindb., *nom. nud.* = *Campylopus pilifer* (54: 145)
Campylopus transvaaliensis var. *gabonensis* Thér. & P.de la Varde ex W.Schultze-Motel = *Campylopus stenopelma* (47: 484) (= *Campylopus thwaitesii*)
Campylopus trichodes Lorentz = *Campylopus pilifer* (54: 145)
Campylopus trichodes var. *perlamellosus* Dixon = *Campylopus pilifer* (82)
Campylopus tsaratanarae Thér. = *Campylopus flexuosus* (54: 76)
Campylopus tullgrenii Renauld & Cardot = *Campylopus pilifer* (54: 145)
Campylopus turgidus Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Campylopus pilifer* (54: 199)
Campylopus usambaricus P.de la Varde = *Campylopus obrutus* [1751: 82]
Campylopus valentini Besch. = *Campylopus aureonitens* (54: 24)
Campylopus vallis-gratae Hampe ex Breutel, *nom. inval.* = *Campylopus pilifer* [1751: 47]
Campylopus variegatus Dixon & Wager = *Campylopus robillardei* (54: 164)
Campylopus verdolinii Paris & Renauld = *Campylopus flexuosus* (54: 76)
- Campylopus vesticaulis*** Mitt. SAF(7812,8328).
Campylopus virescens Besch. = *Campylopus flexuosus* (54: 76)
Campylopus viridatulus Müll.Hal. ex Broth. = *Campylopus savannarum* (54: 171)
Campylopus voeltzkowii Broth. = *Campylopus perpusillus* (54: 139)
Campylopus weisiopsis (Müll.Hal.) Paris = *Campylopus pilifer* (54: 145)
Cardotia boiviniana (Besch.) Cardot = *Leucobryum boivinianum* [1521]
Cardotia heterodictya (Besch.) Besch. ex Cardot = *Leucobryum heterodictyon* [1521]
Cardotia heterodictya var. *boiviniana* (Besch.) Cardot, *nom. illeg. prior. ut spec.* = *Leucobryum boivinianum* [1521]
Cardotia heterodictya var. *microphylla* Cardot in Grandid. = *Leucobryum heterodictyon* var. *microphyllum* [1521]
- Cardotiella appendiculata*** (Renauld & Cardot) Vitt MAU(3007), MDG(40), REU(105).
Cardotiella elimbata (Thér.) Goffinet MDG(40,3007).
Cardotiella renauldii (Broth.) Vitt. MDG(40).
Cardotiella schlotheimiaeformis (Paris) Vitt = *Cardotiella secunda* (1519: 525)
- Cardotiella secunda*** (Müll.Hal.) Vitt SAF(1531,1642,7766,8328).
Cardotiella subappendiculata (Broth.) Vitt MAU(1642), MDG(40), REU(1642).
Carpoecia polytrichoides (De Not.) Venturi = *Campylopus pilifer* [1751: 61]
Catagonium aubertii Broth., *nom. illeg. incl. spec. prior.* = *Catagonium nitens* var. *nitens* [1521]
Catagonium mucronatum (A.Jaeger) Broth. = *Catagonium nitens* var. *maritimum* [2857: 9]
- Catagonium nitens*** ssp. *maritimum* (Hook.) S.H.Lin SAF(1531,1881,7766,8328).
Catagonium nitens ssp. *nitens* (Brid.) Cardot COM(40), MAU(105), MDG(40), REU(105,2857,3410), SWZ(2857), TAN(46,1881,2857), UGA(3072).
Catagonium politum (Hook.f. & Wilson) Dusén ex Broth. = *Catagonium nitens* var. *nitens* [2857: 6]
Catharinea aloides Roehl., *nom. inval.* = *Pogonatum aloides* [1521]
Catharinea alpina Roehl., *nom. inval.* = *Polytrichum alpinum* [151] Excluded: see note under *Polytrichastrum alpinum*.
Catharinea androgyna Müll.Hal. = *Atrichum androgynum* (1521)
Catharinea borbonica (Besch.) Broth. = *Atrichum borbonicum* [1521] (= *Atrichum androgynum*)
Catharinea cavallii G.Negri = *Spoggodera cavallii* (1521) (= *Oligotrichum cavallii*)
Catharinea intermedia Bél. = *Pogonatum belangeri* [4329: 256]
Catharinea polyphylla Müll.Hal. = *Atrichum androgynum* [4378: 63]

- Catharinea synoica* Müll.Hal., *nom. inval. in synon.* = *Atrichum androgynum* [1521]
Catopterum ecklonii (Hornsch.) Wilson ex J.Shaw = *Mielichhoferia ecklonii* [1521] (= *Mielichhoferia bryoides*)
Cecalyphum cylindraceum P.Beauv. = *Holomitrium vaginatum* [2584: 351] (= *Holomitrium cylindraceum*)
Cecalyphum dichotomum P.Beauv. = *Dicranoloma billardierei* [1911: 162]
Cecalyphum pallidum (Hedw.) P.Beauv. = *Ditrichum pallidum* [1521]
Cecalyphum perichaetiale P.Beauv. = *Holomitrium cylindraceum* [2584: 351]
Cephalogonium densum Schimp. ex A.Jaeger, *comb. inval.* = *Campylopus fragilis* (54)
Cephalogonium flexuosum (Hedw.) Bruch & Schimp. ex Lesq., *comb. inval.* = *Campylopus flexuosus* (54)
Cephalotrichum simense Bruch, Schimp. & W.Guembel, *nom. nud.* = *Pogonatum simense* [1521] (= *Pogonatum perichaetiale* ssp. *oligodus*)
Ceratodon capensis Schimp. ex A.Jaeger, *nom. inval. in synon.* = *Ceratodon purpureus* [1911: 150]
Ceratodon condensatus Schimp. ex A.Jaeger = *Ceratodon purpureus* [1911: 150]
Ceratodon pallipes Müll.Hal., *nom. nud.* = *Ceratodon purpureus* ssp. *stenocarpus* [1589]
Ceratodon purpureus* ssp. *convolutus (Reichardt) Burley MAU(105), MDG(40,105,1589), REU(105,1589).
Ceratodon purpureus ssp. *purpureus* (Hedw.) Brid. Note: all African records for this taxon have been transferred to either ssp. *stenocarpus* or ssp. *convolutus*, following Burley & Pritchard, 1990 (1589). The two African subspecies are closely linked.
Ceratodon purpureus* ssp. *stenocarpus (Bruch & Schimp. ex Müll.Hal.) Dixon BIO(8180), CHA(4508,4527), CMN(47), ETH(1589,1927), KEN(46,1589,5315), LES(1531,4897), MLW(67,1589), RWA(65,1589), SAF(1531,1589,1882,7766,8328), STH(1296,4202,4626,5331), TAN(46,1589), UGA(46), ZAI(65,1589,5319).
Ceratodon purpureus ssp. *xanthopus* (Sull.) Kindb. Note: see *Ceratodon purpureus* var. *xanthopus* Sull.
Ceratodon purpureus var. *brevidentis* Besch. = *Ceratodon purpureus* ssp. *convolutus* (1589)
Ceratodon purpureus var. *congolensis* Thér. = *Ceratodon purpureus* ssp. *stenocarpus* (1589)
Ceratodon purpureus var. *pallipes* Bruch & Schimp. ex Müll.Hal., *nom. nud.* = *Ceratodon purpureus* ssp. *stenocarpus* [1589]
Ceratodon purpureus var. *robustus* P.de la Varde, *hom. illeg.* = *Ceratodon purpureus* ssp. *stenocarpus* (1589)
Ceratodon purpureus var. *xanthopus* Sull. = *Ceratodon purpureus* ssp. *purpureus* (1589). Note: as *Ceratodon purpureus* ssp. *purpureus* does not occur in tropical Africa (see Burley & Pritchard, 1990 (1589)), the only African record for var. *xanthopus* (from Zaire) has been transferred to ssp. *stenocarpus*.
Ceratodon stenocarpus Müll.Hal. = *Ceratodon purpureus* ssp. *stenocarpus* (1589)
Ceratodon viridatus (Müll.Hal.) Broth. = *Ceratodon purpureus* ssp. *stenocarpus* (1589)
Ceratodon xanthocarpus (Müll.Hal.) A.Jaeger = *Tortella xanthocarpa* [1521]
Chaetomitrium borbonicum Besch. MAU(105), REU(105).
Chaetomitrium brevinerve fo. *propaguliferum* P.de la Varde ex W.Schultze-Motel, *nom. nud.* = *Chaetomitrium dusenii* var. *brevinerve* (47: 507)
Chaetomitrium brevinerve P.de la Varde = *Chaetomitrium dusenii* var. *brevinerve* [1521]
Chaetomitrium cataractarum Besch. = *Vesicularia hygrobium* [1848: 482]
Chaetomitrium comorense Müll.Hal. COM(40).
Chaetomitrium dusenii* var. *brevinerve (P.de la Varde) P.de la Varde CAF(47), GAB(47), TAN(46).
Chaetomitrium dusenii* var. *dusenii Müll.Hal. ex Broth. CMN(47), GAB(47), IVO(44), RIM(4639), ZAI(65).
Chamaebryum pottioides Thér. & Dixon LES(4897), NAM(1531,7155,8024), SAF(1531,4897,8328).
Chameleion cryptocarpus (Dozy & Molk.) L.T.Ellis & A.Eddy in A.Eddy GAB(24), GUI(363), ZAI(24,65).
Cheilothela chilensis (Mont.) Broth. = *Chrysoblastella chilensis* (1527)
Cheilothela chloropus (Brid.) Broth. CHA(4508,4527).
Cheilothela jaegeri Bizot SIE(4).
Chenia leptophylla (Müll.Hal.) R.H.Zander = *Leptophascum leptophyllum* (5956)
Chionoloma bombayense (Müll.Hal.) P.Sollm. CAF(47,7961), CMN(47,7961), COM(40,7961), ETH(1927,7961), GUI(7961), IVO(5925,7961), KEN(46,7961), LES(4897,7961), MAU(105), MDG(40,7961), MLW(6087,7961), REU(105,2653,7961), RWA(7961), SAF(4897,7961,8328), SIE(7961), SOC(40,1626,2374,5613,5919), TAN(46,7961), UGA(46,4282,7961), ZAI(7961), ZIM(46,61,7961).
Chorisodontium falcatum Magill = *Platyneurum laticostatum* (2545) (= *Platyneurum praealtum*)
Chrysoblastella chilensis (Mont.) Reimers LES(1074), SAF(1531,8328).
Chryso-hypnum cavifolium (Dixon) Ochyra & Sharp BUR(65), ETH(111,146), KEN(46),

MLW(67), SAF(1531,4897,8328), TAN(46), ZAM(146), ZIM(61).

Chryso-hypnum cygnicollum Hampe ex Paris, *nom. nud.* = *Eurhynchium cavifolium* [1521] (= *Chryso-hypnum cavifolium*)

Chryso-hypnum demaretii (P.de la Varde) Higuchi UGA(46), ZAI(65).

Chryso-hypnum frondosum (Mitt.) W.R.Buck BIO(47), CMN(47), KEN(46), RWA(65), TAN(46), UGA(46,7922), ZAI(65).

Chryso-hypnum patens Hampe = *Mittenothamnium patens* [1521]

Chryso-hypnum riparium (Hedw.) Loeske = *Leptodictyum riparium* [1521] (= *Amblystegium riparium*)

Cinclidotus fontinaloides Hedw. KEN(46), TAN(259), UGA(7353).

Cirriphyllum plumosum (Hedw.) Loeske & M.Fleisch. = *Brachythecium plumosum* [1521]

Cirriphyllum populeum (Hedw.) Loeske & M.Fleisch. = *Brachythecium populeum* [1521]

Cladodium calophyllum (R.Br.) Brid. = *Bryum calophyllum*. Excluded: *Index Muscorum* records this taxon for 'Afr. 2', but no records have been found.

Cladophascum gymnomitrioides (Dixon in Sim) Dixon LES(4897), NAM(1531,7155), SAF(1531,8328), TAN(1437), ZIM(46,61,5525).

Claopodium pellucinerve (Mitt.) Best UGA(5696).

Clastobryella ceylonensis (Broth.) Broth. = *Gammiella ceylonensis* (7095)

Clastobryella foliicola P.de la Varde = *Ectropothecium* sp. (7095)

Clastobryella madagassa Thér., *nom. illeg.* = *Gammiella ceylonensis* (7095)

Clastobryella merrillii (Broth.) M.Fleisch. = *Gammiella ceylonensis* (7095)

Clastobryella pusilla (Thér.) Wijk & Margad. = *Gammiella ceylonensis* (7095)

Clastobryophilum asperifolium (Thwaites & Mitt.) B.C.Tan = *Clastobryophilum bogoricum* (4743). Note: the record of this taxon for Réunion appears to be an error, originating from Renauld's (1618) inclusion of the taxon on the list, following Bescherelle's flora (2195), although Bescherelle does not list it for Réunion. There is no other evidence of such a collection from the island.

Clastobryophilum bogoricum (Bosch & Sande Lac.) M.Fleisch. MDG(40), REU(8028), SEY(1926,1941,1946,2195,2328,2331,2353,4743).

Clastobryophilum rufoviride (Besch.) M.Fleisch. = *Clastobryophilum asperifolium* (4049) (= *Clastobryophilum bogoricum*)

Clastobryum ceylonensis Broth. ex Herzog = *Gammiella ceylonensis* (7095)

Clastobryum merrillii Broth. = *Gammiella ceylonensis* (7095)

Climacium ramulosum (Mitt.) A.Jaeger = *Porotrichum cameruniae* [5490: 123] (= *Porotrichum quintasii*)

Codonoblepharon fasciculatum (Hook. & Grev.) Dozy & Molk. = *Thyridium fasciculatum* [1521] (= *Mitthyridium fasciculatum*)

Codonoblepharon menziesii Schwägr. SAF(4670,7776,8328).

Codonoblepharon microtheca (Dixon ex Malta) Matcham & O'Shea KEN(46,7776), RWA(65,7776), SAF(1531,7776,8328), TAN(46,7776), UGA(46,1077,7776), ZAI(65,7776).

Codonoblepharon obtusifolium (Hook.) A.Jaeger = *Zygodon obtusifolius* [1521] (= *Bryomaltaea obtusifolia*)

Codonoblepharon pungens (Müll.Hal.) A.Jaeger TAN(46,7776).

Codriophorus pulvinatum (Hedw.) P.Beauv. = *Grimmia pulvinata* [1521]

Coleochaetium appendiculatum Renauld & Cardot = *Cardotiella appendiculata* [1642]

Coleochaetium capense (Broth.) Broth. = *Macrocoma tenuis* var. *tenuis* (1519: 510)

Coleochaetium plicatum (P.Beauv.) Besch. = *Leiomitrium plicatum* [1642]

Coleochaetium renauldii Broth. ex Voeltzk. = *Cardotiella renauldii* [1642]

Coleochaetium rugifolium Broth., *nom. illeg. incl. spec. prior.* = *Macromitrium schlotheimiaeforme* [6793: 241] (= *Cardotiella secunda*)

Coleochaetium secundum (Müll.Hal.) Broth. = *Cardotiella secunda* (1519: 525)

Coleochaetium subappendiculatum Broth. ex Voeltzk. = *Cardotiella subappendiculata* [1642]

Conomitrium amphibium Müll.Hal. = *Fissidens crispulus* (3212)

Conomitrium arboreum (Broth.) KIndb. = *Fissidens arboreus* [1521] (= *Fissidens oblongifolius*)

Conomitrium atroviride (Besch.) Müll.Hal. = *Fissidens atroviridis* [1521]

Conomitrium borbonicum Müll.Hal. = *Fissidens palmifolius* [4250: 280]

Conomitrium bryum (Dusén) Müll.Hal. = *Fissidens bryum* [1521] (= *Fissidens metzgeria*)

Conomitrium capense Müll.Hal. = *Fissidens fontanus* [4800: 188]

Conomitrium capense var. *nigrescens* Rehm ex Paris, *nom. nud.* = *Fissidens fontanus* [4800: 188]

Conomitrium desertorum Müll.Hal. = *Fissidens desertorum* [1521]

Conomitrium dusenii Müll.Hal. ex Paris. Excluded: undescribed species (*Dusén 834*, from Cameroon)

Conomitrium erosulum Müll.Hal. = *Fissidens erosulum* [1521]

Conomitrium gracile Hampe ex Müll.Hal. = *Fissidens gracilis* [1521] (= *Fissidens curvatus*)

Conomitrium gumangense Müll.Hal. = *Fissidens gumangensis* [1521] (= *Fissidens sciophyllus* var. *sciophyllus*)

Conomitrium hians Hampe ex Müll.Hal., *nom. nud.* = *Fissidens hians* [1521] (= *Fissidens parkii*).

Conomitrium inclinatum Müll.Hal. = *Fissidens inclinatus* [1521] (= *Fissidens submarginatus*)

- Conomitrium inflatum* Müll.Hal. = *Fissidens reflexus* (3212)
Conomitrium julianum (Cardot) Mont. = *Fissidens fontanus* [8172: 405]
Conomitrium laxifolium (Hornsch.) Müll.Hal. = *Fissidens laxifolius* [1521] (= *Fissidens curvatus*)
Conomitrium mariei Besch. = *Fissidens mariei* [1521]
Conomitrium metzgeria Müll.Hal. = *Fissidens metzgeria* [1521]
Conomitrium microcarpum (Mitt.) A.Jaeger = *Fissidens microcarpus* [1521]
Conomitrium nigrescens Rehmann ex Geh., *nom. nud.* = *Fissidens fontanus* [4800: 188]
Conomitrium occultifolium Müll.Hal. = *Fissidens schmidii* [2737: 25]
Conomitrium palmifolium (P.Beauv.) Besch. = *Fissidens palmifolius* [1521]
Conomitrium palustre Müll.Hal. = *Fissidens palustris* [1521] (= *Fissidens submarginatus*)
Conomitrium pechuelii Müll.Hal. = *Fissidens pechuelii* [1521]
Conomitrium perfoliatum Müll.Hal. = *Fissidens intramarginatus* (3212)
Conomitrium pseudoserratatum Müll.Hal. = *Fissidens pseudoserratatum* [1521] (= *Fissidens serratum*)
Conomitrium reflexum (Hampe) A.Jaeger = *Fissidens reflexus* [1521]
Conomitrium sanguineonerve Müll.Hal. = *Fissidens sanguineonervis* [1521] (= *Fissidens sciophyllus* var. *ulna*)
Conomitrium schweinfurthii Müll.Hal. = *Fissidens intramarginatus* (3212)
Conomitrium scleromitrium Besch. = *Moenkemeyera scleromitria* [1521] (= *Fissidens scleromitrius*)
Conomitrium semiobscurum Müll.Hal. = *Fissidens reflexus* (3212)
Conomitrium splachnifolium (Hornsch.) Müll.Hal. = *Fissidens splachnifolius* [1521]
Conomitrium thomsonii Müll.Hal., *nom. nud.* = *Fissidens thomsonii* Stirt., *nom. nud.* [1521] Excluded: an undescribed taxon.
Conomitrium ulna Müll.Hal. = *Fissidens ulna* (3212) (= *Fissidens sciophyllus* fo. *ulna*)
Conomitrium ulna var. *jungermannioides* Müll.Hal. = *Fissidens sciophyllus* var. *ulna* [3212]
Conomitrium undatum Müll.Hal. = *Fissidens intramarginatus* (3212)
Conostomum crassinervium P.de la Varde = *Philonotis conostomoides* (4221)
- Conostomum pentastichum* (Brid.) Lindb. LES(4897), SAF(4897,8328).**
Conostomum pentastichum (Brid.) Lindb. Note: according to Frahm *et al.* (2663), this species is a synonym of *Conostomum tetragonum*. However, these two taxa appear distinct in the field, and have no overlap of range, despite many potentially suitable habitats occurring in Africa and North America. Both Hodgetts *et al.* (4897) in Africa, and Fife (4971) in New Zealand, consider the taxa to be distinct, so *Conostomum pentastichum* has been reinstated.
- Conostomum tetragonum* (Hedw.) Lindb. LES(1074,1531), SAF(1531).**
Coscinodon pallidisetus (Brid.) Brid. = *Microdus pallidisetus* [1521] (= *Leptotrichella pallidisetata*)
Coscinodon verticillatus (Brid.) Brid. = *Eucladium verticillatum* [1521]
Cratoneuron curvicaule (Jur.) Roth., *auct. afr.* = *Cratoneuron filicinum* (1533)
Cratoneuron curvicaule fo. *densirete* P.de la Varde, *nom. inv. descr. gall.* = *Cratoneuron filicinum* (1533)
Cratoneuron filicinum var. *curvicaule* (Jur.) Mönk., *auct. afr.* = *Cratoneuron filicinum* (1533)
- Cratoneuron filicinum* var. *filicinum* (Hedw.) Spruce ETH(6137), KEN(46,4112,5315), SAF(1531,1533,8328), TAN(46), UGA(1533), ZAI(65).**
Cratoneuron procerum (Dixon) Broth. = *Cratoneuron filicinum* (4866)
Cratoneuron subcurvicaule P.de la Varde = *Cratoneuron filicinum* (1533)
Crossidium apiculatum Magill = *Microcrossidium apiculatum* (2059)
Crossidium chloronotus (Brid.) Limpr. = *Crossidium squamiferum* [2852: 276]
- Crossidium crassinerve* (De Not.) Jur. CHA(2852,3515), CVI(2666).**
Crossidium crassinerve var. *laevipilum* (Thér. & Trab.) Delgadillo = *Crossidium laevipilum* (1420)
- Crossidium laevipilum* Thér. & Trab. KEN(411).**
- Crossidium spiralifolium* Magill NAM(1531,7155,8024), SAF(1531,8328).**
- Crossidium squamiferum* (Viv.) Jur. CHA(4507), CVI(6453).**
Cryphaea bollei Broth. & Geh. in Geh. = *Pseudoleskeopsis bollei* (6614). Note: this synonymy has been adopted despite the views of Frahm *et al.* (2666) about this taxon., who believe it is likely to be a synonym of *Pseudoleskea pseudoattenuata*. As neither source provides evidence of how their decision was made, the genus that retained the specific name has been adopted.
Cryphaea breuteliana Schimp ex Paris, *nom. nud.* = *Cryphaea exigua* [1911: 356] (= *Cryphaea jamesonii*)
Cryphaea dentata Mitt. = *Cryphaea jamesonii* (6614: 46)
Cryphaea dusenii Müll.Hal., *nom. nud.* Excluded: the original specimen has not been not seen; it is probably a synonym of *Schoenobryum concavifolium*.
Cryphaea exigua (Müll.Hal.) A.Jaeger = *Cryphaea jamesonii* (6614: 46)
Cryphaea filivaga Müll.Hal. ex Paris, *nom. nud.* = *Cryphaea rutenbergii* (6614: 52)
- Cryphaea heteromalla* (Hedw.) D.Mohr TAN(6614).**
- Cryphaea jamesonii* Taylor KEN(46,6614), MDG(40,6614), RWA(65,6614), SAF(1531,6614,7766,8328), SWZ(1531), TAN(46,6614), UGA(6614), ZAI(65).**
Cryphaea lasioides Müll.Hal. ex Paris, *nom. nud.* = *Cryphaea rutenbergii* (6614: 52)
Cryphaea laxifolia Mitt. = *Cryphaea jamesonii* (6614: 46)
Cryphaea longicuspis P.de la Varde & Thér. = *Cryphaea jamesonii* (6614: 47)
Cryphaea madagassa Müll.Hal. ex Geh. = *Acrocryphaea madagassa* [1521] (= *Schoenobryum concavifolium*)
Cryphaea paucidentata Müll.Hal. ex Paris, *nom. nud.* = *Cryphaea rutenbergii* (6614: 52)

- Cryphaea protensa*** Bruch & Schimp. ex Müll.Hal. ETH(50,1927,6614), KEN(46,6614), MLW(6087,6614), TAN(46,6614).
- Cryphaea ragazzii*** (Brizi) Broth. ETH(50), MOZ(6614).
Cryphaea robusta Broth. & Thér. = *Cryphaea rutenbergii* (6614: 52)
- Cryphaea rutenbergii*** Müll.Hal. ETH(50,111,1927,6614), KEN(46,2661,3412,6614,6615), MDG(40,6614), MLW(6087,6614), SAF(6614,8328), TAN(46,6614), UGA(6614).
Cryphaea scariosa Müll.Hal. = *Antitrichia kilimandscharica* (3097)
Cryphaea subintegra Renaud & Cardot = *Acrocryphaea madagassa* [10: 739] (= *Schoenobryum concavifolium*)
Cryphaea tenuiretis Thér. = *Cryphaea jamesonii* (6614: 47)
Cryphaea vaginans P.Beauv. ex Paris, *nom. nud. in synon. err.* = *Cryphium vaginans* [1521] (= *Calymperes palisotii*)
Cryphaea welwitschii Duby = *Schoenobryum welwitschii* (1291) (= *Schoenobryum concavifolium*)
Cryphium vaginans P.Beauv. ex Schwaegr., *nom. nud. in synon.* = *Calymperes palisotii* [8103: 334]
Cryptoleptodon flexuosus (Harv.) Renaud & Cardot = *Cryptoleptodon pluvinii* (301)
- Cryptoleptodon longisetus*** (Mont.) Enroth CVI(301,2666).
- Cryptoleptodon pluvinii*** (Brid.) Broth. ETH(50,301).
Cryptopodia pennata (Hedw.) Roehl. = *Neckera pennata* [1521]
Cryptopodium africanum Broth. = *Leiomela africana* [2866: 405] (= *Leiomela bartramioides*)
Cryptopodium hookeri var. *borbonicum* (Besch.) Paris = *Leiomela bartramioides* var. *borbonica* [1521] (= *Leiomela bartramioides*)
Cryptopodium jamesonii var. *borbonicum* Besch. = *Leiomela bartramioides* var. *borbonica* [1521] (= *Leiomela bartramioides*)
Cryptopodium javanicum Renaud & Cardot = *Leiomela javanica* [1521] (= *Leiomela bartramioides*)
Ctenidium argillicola (Renaud & Cardot) Cardot in Grandid. = *Isopterygium argillicola* [1521]
Ctenidium floribundariodes Dixon ex Tosco & Piovano. Excluded: Nishimura (409) states that *Ctenidium* does not occur in Africa, but he does not mention this species. O'Shea & Ochyra (5546) consider that the taxon is not a *Ctenidium* and exclude it from the African flora.
Ctenidium mauritanum Broth. = *Ectropothecium mauritanum* (409) (= *Ectropothecium nishimurii*)
Ctenidium squarrifolium (Broth.) Broth. = *Ectropothecium squarrifolium* (409)
Ctenodontium squarrosulum Schimp. ex Paris, *nom. nud. in synon.* Excluded: an undescribed specimen from Réunion.
Cupressina afrocupressiformis Müll.Hal. = *Hypnum cupressiforme* var. *cupressiforme* [1521]
Cupressina anotis Müll.Hal. = *Ectropothecium regulare* [1911: 425]
Cupressina basaltina Müll.Hal. = *Hypnum aduncoides* [1911: 423] (auct. afr.) (= *Hypnum macrogynum*)
Cupressina crassicaulis Müll.Hal. = *Ectropothecium regulare* [1911: 422,425]
Cupressina dentigerum Müll.Hal. = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
Cupressina dregei (Müll.Hal.) Müll.Hal. = *Rhaphidorrhynchium dregei* [1521] (= *Sematophyllum dregei*)
Cupressina hoehnellii Müll.Hal. ex Broth. = *Hypnum cupressiforme* var. *cupressiforme* (1521)
Cupressina hyalotis Müll.Hal. = *Rhaphidorrhynchium gueinzii* [11: 428] (= *Sematophyllum gueinzii*)
Cupressina tapeinophyllum Müll.Hal. = *Rhaphidorrhynchium dregei* [4800: 220] (= *Sematophyllum dregei*)
Cyathophorella africana (Dixon) Broth. = *Cyathophorum africanum* (6705: 331)
- Cyathophorum africanum*** Dixon ETH(2220,6705), KEN(46,2220,6705), RWA(65,2220,6705), TAN(46,2220,6705), UGA(46,2220,6705), ZAI(2220,6705).
Cyathophorum dupuisii Renaud & Cardot = *Rhacopilopsis trinitensis* [2746: 88]
Cyclodictyon acicularifolium M.Fleisch., *nom. nud.* Excluded: an undescribed specimen (*Dusén 245*) from Cameroon.
- Cyclodictyon albicans*** (Hedw.) Kuntze REU(105).
Cyclodictyon annobonense Broth. in Mildbr., *nom. nud.* = *Cyclodictyon vallis-gratiae* (4930)
Cyclodictyon argutidens (P.de la Varde) Verd. = *Cyclodictyon krebedjense* var. *argutidens* [1521]
- Cyclodictyon aubertii*** (P.Beauv.) Kuntze BIO(8180), CMN(3072), MAU(105,3410), MDG(40), MLW(67), REU(105,3410), SAF(3072), TAN(46), UGA(3072), ZAI(65), ZIM(61).
Cyclodictyon aubertii var. *saxicola* (Renaud & Cardot) Cardot in Grandid. = *Cyclodictyon vallis-gratiae* [278: 40]
- Cyclodictyon bidentatum*** Demaret CMN(47).
- Cyclodictyon borbonicum*** (Besch.) Broth. BIO(2662), KEN(5315,7065), REU(105), RWA(46), TAN(46), UGA(46), ZAI(65).
Cyclodictyon breutelium (Hampe) Kuntze = *Cyclodictyon vallis-gratiae* [278: 45; 1519: 607]
- Cyclodictyon brevifolium*** Broth. in Mildbr. BIO(8180), BUR(65), REU(105), RWA(65), TAN(46), UGA(46), ZAI(65).
- Cyclodictyon crassicaule*** Broth. in Mildbr. RWA(65).
- Cyclodictyon delicatum*** P.de la Varde GAB(47), ZIM(46).
- Cyclodictyon dixonianum*** Demaret KEN(46,7065).
- Cyclodictyon filicuspis*** P.de la Varde BIO(2662), GAB(47,4988), PRI(47), TAN(3072), ZAI(65).

- Cyclodictyon glaucissimum* M.Fleisch., *nom. nud.* Excluded: an undescribed specimen.
- Cyclodictyon hildebrandtii*** (Müll.Hal.) Kuntze COM(40), SEY(1926,2353), ZAI(65).
Cyclodictyon huillense (A.Gepp) Broth. = *Cyclodictyon vallis-gratiae* [278: 40]
Cyclodictyon hyaloblastum M.Fleisch., *nom. nud.* Excluded: an undescribed specimen (*Dusén 110*) from Cameroon.
- Cyclodictyon immersum*** Broth. & P.de la Varde GAB(47).
- Cyclodictyon krebedjense*** Broth. in Corb. BIO(8180), CAF(47), CMN(47), CON(47), GAB(47), KEN(6614), ZAI(65).
- Cyclodictyon krebedjense* var. *argutidens*** P.de la Varde GAB(47), KEN(7065), ZAI(65).
- Cyclodictyon laetevirens*** (Hook. & Taylor) Mitt. BIO(47), KEN(4112,5315,6614), MDG(40), MOZ(3072), SAF(3072), SAO(47), ZAI(65), ZIM(61).
- Cyclodictyon lebrunii*** Demaret & P.de la Varde TAN(46), ZAI(65).
Cyclodictyon macropyxis O.Kuntze, *nom. nud.* = *Hookeriopsis pappeana* [25: 2: 341; 1911: 444] (= *Thamniopsis utacamundiana*)
Cyclodictyon natalense Rehmann ex Bryhn, *nom. nud.* = *Cyclodictyon vallis-gratiae* [1911: 443]
- Cyclodictyon perlimbatum*** Broth. TAN(46).
- Cyclodictyon perrottetii*** Demaret & P.de la Varde REU(105).
- Cyclodictyon preussii*** (Broth.) Broth. BIO(8180), CMN(47).
Cyclodictyon purpurascens Broth. in Mildbr. = *Cyclodictyon borbonicum* [278: 18]
- Cyclodictyon recognitum*** Demaret & P.de la Varde ANG(46).
Cyclodictyon robillardei O.Kuntze, *nom. nud.* = *Callicostella robillardii* [1521]
- Cyclodictyon spectabile*** Broth. in Mildbr. ZAI(65).
- Cyclodictyon subbrevifolium*** Broth. TAN(46).
- Cyclodictyon subobtusifolium*** Dixon ex Demaret & P.de la Varde ZAI(65).
Cyclodictyon thomeanum (Broth.) M.Fleisch. = *Callicostella fissidentella* [279: 367]
- Cyclodictyon vallis-gratiae*** (Müll.Hal.) Kuntze ANG(46), ANN(47), BIO(2662), CMN(47), GAB(47), KEN(46,7065), MAU(105), MDG(40,6908), RIM(4639), RWA(65), SAF(1531,8328), SEY(1926,2353), TAN(46), UGA(46), ZAI(65), ZAM(3072), ZIM(61).
Cyclodictyon vallis-gratiae fo. *breuelianum* Demaret & P.de la Varde = *Cyclodictyon vallis-gratiae* (1519: 607)
- Cyclodictyon vesiculosum*** (Brid.) Kuntze MAU(105), REU(105), TAN(46), UGA(3072).
- Cygnicollum immersum*** Fife & Magill SAF(1531,8328).
Cylindrothecium abbreviatum Schimp. ex Paris, *nom. nud.* = *Levierella fabroniacea* var. *abyssinica* [4800: 211] (= *Levierella neckeroides*)
Cylindrothecium abyssinicum Schimp. ex Vent., *nom. nud.* = *Neckera remota* [4768: 192]
Cylindrothecium batangae Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 682*) from Cameroon.
Cylindrothecium breve Schimp ex Paris = *Entodon brevis* (1521)
Cylindrothecium cameruniae Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 220*, from Cameroon).
Cylindrothecium cyrtocladum Paris, *nom. nud.* = *Levierella fabroniacea* var. *abyssinica* [4800: 211] (= *Levierella neckeroides*)
Cylindrothecium dregeanum (Hornsch.) Paris = *Entodon dregeanus* [1521] (= *Entodon macropodus*)
Cylindrothecium dregeanum var. *borbonicum* (Hornsch.) Paris = *Entodon dregeanus* var. *borbonicum* [1521]
Cylindrothecium dregeanum var. *imbricatum* Rehmann ex Paris = *Entodon dregeanus* [1911: 411] (= *Entodon macropodus*)
Cylindrothecium felicitis (Renauld & Cardot) Paris = *Entodon felicitis* [1521]
Cylindrothecium geminidens Besch. = *Entodon geminidens* [1521]
Cylindrothecium guineense Aongstr. ex Paris, *nom. nud.* = *Trichosteleum guineense* A.Jaeger, *nom. nud.* Excluded: the specimens are from New Guinea, not Guinea.
Cylindrothecium lacunosum (Broth.) Paris = *Entodon lacunosus* [1521] (= *Entodon macropodus*)
Cylindrothecium madagassum (Geh.) Paris = *Entodon madagassus* [1521]
Cylindrothecium motelayi Besch. = *Entodon motelayi* [25: 2: 134]
Cylindrothecium natalense Paris, *nom. nud.* = *Entodon natalensis* [1521]
Cylindrothecium n'goloae Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 679*) from Cameroon.
Cylindrothecium rutenbergii (Geh.) Paris = *Entodon rutenbergii* [1521]
Cylindrothecium schimperi Paris, *nom. illeg. incl. spec. prior.* = *Pylaisiobryum abyssinicum* [1521]
Cylindrothecium schoae Paris = *Entodon schoae* (1521) (= *Entodon brevis*)
Cylindrothecium schoae Paris, *nom. nud.* = *Entodon schoae*, *nom. nud.* [1521] (= *Entodon brevis*)
Cylindrothecium subtruncatum Paris, *nom. nud.* = *Neckeroposis disticha* [7306: 110]
Cylindrothecium usambaricum (Broth.) Paris = *Entodon usambaricus* [1521]
Cynodon luridus Bruch ex Brid. = *Didymodon trifarius* [8248: 549] (= *Didymodon luridus*)
Cynodon proscriptus Hornsch. = *Campylopdium proscriptum* [1521] (= *Dicranella proscripta*)
Cynodontium capillaceum (Hedw.) Brid. = *Distichium capillaceum* (1521)
Cynodontium capillaceum (Hedw.) Brid. = *Distichium capillaceum* [1521]
Cynodontium heteromallum (Hedw.) Mitt. = *Dicranella heteromalla* [1521]

- Cynodontium lucidum* Hassk., *err.* = *Didymodon trifarius* [25: 102] (= *Saelania glaucescens*)
Cynodontium luridum (Hornsch.) Wallr. = *Didymodon trifarius* [8248: 549; 25: 1: 102] (= *Didymodon luridus*)
Cynodontium pallidum (Hedw.) Mitt. = *Ditrichum pallidum* [1521]
- Cynodontium tanganyikae*** P.de la Varde TAN(46).
Cynodontium trifarium (Hedw.) Brid. = *Didymodon trifarius* [1521] (= *Saelania glaucescens*)
Cynodontium pallidum (Hedw.) Mitt. = *Ditrichum pallidum* [1521]
Cyrtopus cameruniae Broth. = *Jaegerina scariosa* (1)
Cyrtopus curtispindulus (Hedw.) Spruce = *Antitrichia curtispindula* [1521] Note: see under *Antitrichia curtispindula*.
Daltonia afropatula B.C.Tan, *hom. illeg.* = *Daltonia mittenii* (45)
Daltonia alternifolia Dozy & Molk. ex Naveau, *nom. inval. err.* = *Daltonia angustifolia* [1521]
- Daltonia angustifolia*** var. *angustifolia* Dozy & Molk. CMN(47), ETH(1927), KEN(46), MDG(40), MLW(67), MOZ(46), REU(105,8028), TAN(46).
Daltonia angustifolia var. *strictifolia* (Mitt.) M.Fleisch. = *Daltonia angustifolia* (3362)
- Daltonia cardotii*** Bizot & Onr. COM(40), MDG(40), TAN(46).
Daltonia constricta P.de la Varde MOZ(46).
Daltonia disticha (Hedw.) Arnott = *Neckeropsis disticha* [1521]
- Daltonia dusenii*** Müll.Hal. ex Broth. CMN(47).
Daltonia elegantula Schimp. ex C.H.Wright, *nom. nud.* = *Daltonia angustifolia* var. *strictifolia* [1848: 404; 40: 230] (= *Daltonia angustifolia*)
- Daltonia euryloma*** P.de la Varde CMN(47).
Daltonia forsythii Cardot MDG(40).
Daltonia imbricata (P.Beauv.) Spreng., *nom. illeg. incl. spec. prior.* = *Pilotrichella pentasticha* [8303: 32] (= *Orthostichella pentasticha*)
Daltonia intermedia Renauld & Cardot, *hom. illeg.* = *Daltonia cardotii* (40: 231)
Daltonia intermedia var. *angustifolia* Renauld & Cardot ex Levier, *hom. illeg.* = *Daltonia cardotii* (40: 231)
- Daltonia latimarginata*** Besch. COM(40), MDG(40), REU(105).
Daltonia latimarginata var. *madagassa* Renauld MDG(40), UGA(4282).
Daltonia latolimbata Broth. in Herzog COM(2658), KEN(2658), REU(8028), RWA(2658), TAN(2658), UGA(4282), ZAI(2658).
Daltonia longinervis Mitt. BIO(47,2662).
Daltonia madagassa Schimp. ex C.H.Wright, *nom. nud.* = *Macrohymenium acidodon* [1848: 404]
- Daltonia mildbraedii*** Broth. KEN(46,4112,5315), RWA(65), TAN(46), ZAI(65).
Daltonia mildbraedii var. *laevis* Demaret & V.Leroy RWA(65), TAN(46).
Daltonia minor Besch. = *Daltonia angustifolia* var. *strictifolia* [1848: 404; 276]
- Daltonia minuta*** Thér. RWA(2675), TAN(46), ZAI(65,2675).
Daltonia mittenii Kis BIO(47,2662), MLW(67), TAN(46).
Daltonia patula Mitt., *hom. illeg.* = *Daltonia mittenii* (45)
- Daltonia plicata*** P.de la Varde UGA(46).
Daltonia pulvinata Mitt. REU(105,109,8028).
Daltonia splachnoides (Sm.) Hook. & Taylor BIO(47).
Daltonia stenoloma Besch. = *Daltonia angustifolia* var. *strictifolia* [1848: 404; 276]
Daltonia strictifolia Mitt. = *Daltonia angustifolia* var. *strictifolia* [1521]
- Daltonia tortifolia*** Demaret & P.de la Varde ZAI(65,747).
Dasymitrium borbonicum Besch. = *Macromitrium serpens* [1911: 283]
Dasymitrium macleai Rehmman ex Kindb. = *Macromitrium levatum* [5490: 128] (= *Macromitrium sulcatum*)
Dasymitrium rehmannii Müll.Hal. ex Geh., *nom. nud.* = *Macromitrium serpens* [4378: 116]
Decodon transvaaliensis Müll.Hal. ex Broth., *nom. nud.* = *Rhachithecium perpusillum* [3001: 32]
Dendropogon africanus Schimp. ex Sim, *nom. nud. in synonym.* = *Papillaria africana* [1521]
Dendropogon capensis Schimp. ex Kindb., *nom. nud.* = *Papillaria africana* [4250: 315]
Dermatodon rubellus Genth = *Bryoerythrophyllum recurvirostrum* [2763: 245]
Desmatodon africanus P.de la Varde = *Scopelophila cataractae* (1420)
Desmatodon atrovirens (Sm.) Jur. = *Desmatodon convolutus* [8215: 224] (= *Tortula atrovirens*)
Desmatodon bogosicus Müll.Hal. = *Tortula bogosica* (1420)
Desmatodon convolutus (Brid.) Grout = *Tortula atrovirens* (1420)
Desmatodon convolutus var. *edentulus* (Bruch, Schimp. & W.Guembel) Grout = *Tortula atrovirens* [1420]
Desmatodon corticola Schimp. ex Paris, *nom. nud.* Excluded: reported for Ethiopia, but no specimen cited.
Desmatodon fuscomucronata (Müll.Hal.) Paris = *Pseudocrossidium replicatum* (1419)
Desmatodon longipedunculatus (Müll.Hal.) Magill = *Hennediella longipedunculata* (1420)
Desmatodon recurvatus (Hook.) Mitt. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)
Desmatodon rigidulus Hassk., *err.* = *Didymodon rigidulus* [1521]
Desmatodon trifarius Hassk., *err.* = *Didymodon trifarius* [1521] (= *Saelania glaucescens*)

- Diaphanodon blandus* ssp. *friisii* (Bizot & Lewinsky) Zanten & C.C.Towns. = *Diaphanodon procumbens* [8365: 123]
Diaphanodon friisii Bizot & Lewinsky = *Diaphanodon procumbens* [8365: 123]
- Diaphanodon procumbens* (Müll.Hal.) Renauld & Cardot ETH(111,5564).**
Diaphanophyllum boryanum (Müll.Hal.) Lindb. = *Ditrichum difficile* [8106: 45]
Diaphanophyllum longifolium (Brid.) Lindb. = *Ditrichum strictum* [4981]
Diaphanophyllum pallidum (Hedw.) Lindb. = *Ditrichum pallidum* [1521]
Diaphanophyllum vallis-gratiae Lindb. = *Ditrichum difficile* [5544: 326]
Dicranella abruptifolia (Müll.Hal.) Paris = *Dicranella subsubulata* (82: 121)
- Dicranella acroclada* Cardot MDG(40), SEY(1926,2353).**
Dicranella afro-exigua Müll.Hal. ex Dusén = *Leptotrichella afro-exigua* [4222]
Dicranella ampullacea Müll.Hal. ex Dusén = *Leptotrichella ampullacea* [4222]
- Dicranella ascensionica* Mitt. in Mellis ASC(1296,4202,5329,5331,5334,5340).**
Dicranella bella Paris, *nom. nud.* Excluded: known only from an undescribed Cameroon specimen: *Dusén* 881.
- Dicranella borbonica* Besch. MAS(40).**
- Dicranella borbonica* var. *comorensis* Thér. COM(40).**
- Dicranella borbonica* var. *madagascariensis* Thér. MDG(40).**
Dicranella borgeniana (Hampe) A.Jaeger = *Dicranella subsubulata* (82: 121)
Dicranella borgenii A.Jaeger, *nom. illeg. incl. spec. prior.* = *Dicranella borgeniana* [1521] (= *Dicranella subsubulata*)
- Dicranella cameruniae* Müll.Hal. ex Dusén CMN(47), KEN(46).**
Dicranella cardotii (R.Br.bis) Dixon = *Anisothecium cardotii* (4771)
Dicranella condensata Ångstr. = *Dicranella proscripta* (4626)
Dicranella congolensis (Renauld & Cardot) Broth. = *Leptotrichella congolensis* [4222]
- Dicranella cratericola* Besch. REU(105).**
Dicranella cygnea Ångstr. = *Campylopodium proscriptum* [8106: 70] (= *Dicranella proscripta*)
- Dicranella densifolia* (Thér. & P.de la Varde) Thér. & P.de la Varde CON(47), GAB(47), IVO(44).**
Dicranella euphoroclada (Müll.Hal.) A.Jaeger = *Campylopodium euphorocladum* [1521] (= *Campylopodium medium*)
Dicranella falcicaulis (Müll.Hal.) Paris = *Aongstroemia vulcanica* [1911: 157] (= *Aongstroemia filiformis*)
Dicranella falcifolium (Schwaegr.) Hook. = *Drepanophyllum falcifolium* [1521] (= *Phyllocladophyllum falcifolium*)
- Dicranella falcularia* Müll.Hal. ex Dusén CMN(47), GAB(47), GHA(47), GUI(47,5041), IVO(1880), PRI(47).**
Dicranella flaviceps Besch. ex Renauld & Cardot, *err.* = *Dicranella flavipes* [1521]
- Dicranella flavipes* Besch. REU(105).**
Dicranella graciliramea Rehm ex Kindb = *Aongstroemia subcompressa* [1911: 159]
Dicranella grandisopra Dixon, *err.* = *Dicranella grandispora* [16: 260]
- Dicranella grandispora* Dixon KEN(46).**
- Dicranella heteromalla* (Hedw.) Schimp. KEN(46).**
- Dicranella kenyae* Dixon KEN(46), TAN(259).**
Dicranella ligulifolia (Müll.Hal.) Kindb. = *Microdus ligulifolius* [1521] (= *Leptotrichella ligulifolia*)
Dicranella limosa (Besch.) A.Jaeger = *Microdus minutus* [4800: 182] (= *Leptotrichella minuta*)
Dicranella limosa var. *brevifolia* Cardot in Grandid. = *Microdus minutus* (1911: 159) (= *Leptotrichella minuta*)
Dicranella lutaria (Besch.) Broth. = *Microdus lutarius* [1521] (= *Leptotrichella lutaria*)
Dicranella macleana Rehm ex Paris = *Aongstroemia subcompressa* [1911: 159]
- Dicranella madagassa* Renauld COM(40), MDG(40).**
Dicranella minuta (Hampe) A.Jaeger = *Microdus minutus* (1911: 158) (= *Leptotrichella minuta*)
Dicranella moenkemeyeri (Müll.Hal.) Broth. = *Microdus moenkemeyeri* [1521] (= *Leptotrichella moenkemeyeri*)
Dicranella nitidula (Mitt.) Mitt. in Seem. = *Microdus nitidulus* [1521] (= *Leptotrichella nitidula*)
- Dicranella nodicoma* Müll.Hal. ex Dusén CMN(47), KEN(46), UGA(3072).**
Dicranella nossiana Besch. ex Grandid., *nom. inval. in synon.* = *Dicranella pervilleana* [1521]
Dicranella pallidiseta (Brid.) Broth. = *Microdus pallidisetus* [1521] (= *Leptotrichella pallidiseta*)
- Dicranella pertenella* Müll.Hal. ex Dusén CMN(47), IVO(1880), ZAI(65).**
Dicranella pervaginata Broth. in Bryhn, *nom. nud.* Excluded: an undescribed collection (*Titlestad s.n.*) from Eschowe, South Africa [4230: 6], also reported from Tanzania [46].
- Dicranella pervilleana* Besch. COM(40), MDG(40).**
Dicranella pervillei Kindb., *nom. illeg. incl. spec. prior.* = *Dicranella pervilleana* [1521]
- Dicranella polii* Renauld & Cardot MDG(40), SEY(1926,2353).**
- Dicranella proscripta* (Hornsch.) Mitt. in Mellis ASC(506), STH(506,1296,4202,4626,5331).**
- Dicranella pygmaea* Cardot, *hom. illeg.* ASC(5329,5340).**
- Dicranella rigida* Dixon ex Sim SAF(1531,8328).**

Dicranella rivalis Müll.Hal. ex Dusén CMN(47), KEN(46), ZAI(65).

Dicranella subcompressa (Hampe) A.Jaeger = *Aongstroemia subcompressa* (1521)

Dicranella subfalcularia Thér. CMN(47), GAB(47), TOG(1878).

Dicranella subfalcularia var. *densifolia* Thér. & P.de la Varde = *Dicranella densifolia* (1521)

Dicranella subsubulata (Hampe ex Müll.Hal.) A.Jaeger BUR(65), CAF(47), GAB(47), LES(1635), MDG(40), MLW(46,67), NGA(47,5160,5176), REU(5440), RWA(65), SAF(1531,4897,7766,8328), SWZ(7972), TAN(46), UGA(46), ZAI(65), ZIM(46).

Dicranella subsubulata Hampe ex Müll.Hal. Note: this taxon possesses the characters of *Anisothecium* (Frahm, pers. comm.) but the new combination has yet to be made.

Dicranella symonsii Dixon = *Dicranella cardotii* (1500) (= *Anisothecium cardotii*)

Dicranella transvaaliensis (Müll.Hal.) Paris = *Aongstroemia transvaaliensis* [1521] (= *Aongstroemia filiformis*)

Dicranella usambarica P.de la Varde KEN(46), TAN(46,7833).

Dicranobryum leptochlaenoides Müll.Hal. ex Brizi, nom. nud. in synonym. = *Bryum dongolense* (1521)

Dicranodon bryoides (Hedw.) Béhéré = *Fissidens bryoides* [1521]. Note: see under *Fissidens bryoides* var. *bryoides* (probably = *Fissidens androgynus*).

Dicranodon flexuosum (Hedw.) Béhéré = *Campylopus flexuosus* [var. *flexuosus*] [1521]

Dicranodon heteromallum (Hedw.) Béhéré = *Dicranella heteromalla* [1521]

Dicranodontium chlorotrichum (Müll.Hal.) Paris = *Campylopus stenopelma* (82: 142) (= *Campylopus thwaitesii*)

Dicranodontium heteromallum (Hedw.) A.W.H.Walther & Molendo = *Dicranella heteromalla* [1521]

Dicranodontium humile P.de la Varde. Note: Frahm (1997) concludes that this taxon is certainly not a *Dicranodontium*, but probably a *Blindia*, perhaps *B. acuta* (4283); see note under *Blindia*.

Dicranodontium interruptum P.de la Varde = *Bryohumbertia filifolia* (4283)

Dicranodontium laxitextum Broth. & Bryhn = *Campylopus robillardei* (54: 164)

Dicranodontium leptodrepanium Broth. = *Campylopus nivalis* (54: 124)

Dicranodontium perfalcatum (Müll.Hal.) Paris = *Campylopus stenopelma* (54: 180) (= *Campylopus thwaitesii*)

Dicranodontium proscriptum (Hornsch.) Wilson in Hook.f. = *Campylopodium proscriptum* [1521] (= *Dicranella proscripta*)

Dicranodontium tanganyikae J.Taylor & P.de la Varde = *Campylopus flexuosus* var. *incacorrallis* (4283)

Dicranoloma billardierei (Brid. ex Anon.) Paris KEN(46,7065), MAU(105), MDG(40), MLW(67,6087), REU(105), RWA(65), SAF(1531,7766,8328), TAN(46), UGA(46), ZAI(65).

Dicranoloma billardierei var. *drepanocladium* (Müll.Hal.) P.de la Varde = *Dicranoloma billardierei* [1801]

Dicranoloma billardierei* var. *drepanocladium (Müll.Hal.) P.de la Varde TAN(46), ZAI(65).

Dicranoloma billardierei var. *patentifolium* (Renauld & Paris) Thér. = *Dicranoloma billardierei* [1801]

Dicranoloma billardierei* var. *patentifolium (Renauld & Paris) Thér. MDG(40), TAN(46).

Dicranoloma billardierei* var. *scopareolum (Müll.Hal.) Thér. COM(40), MDG(40), REU(105), TAN(46).

Dicranoloma billardierei var. *scopareolum* (Müll.Hal.) Thér. = *Dicranoloma billardierei* [1801]

Dicranoloma borbonicum Renauld & Cardot REU(105).

Dicranoloma cataractarum Demaret & P.de la Varde = *Blindia magellanica* var. *magellanica* [8028]

Dicranoloma dichotomum (P.Beauv.) Renauld = *Dicranoloma billardierei* [1911: 162]

Dicranoloma drepanocladium [*drepanocladium*] (Müll.Hal.) Renauld ex Paris = *Dicranoloma billardierei* var. *drepanocladium* [1521] (= *Dicranoloma billardierei*)

Dicranoloma entabeniense Magill SAF(1531,8328).

Dicranoloma nitidulum (Müll.Hal.) Paris = *Dicranoloma billardierei* [1911: 162]

Dicranoloma onraedtii Bizot = *Leucoloma onraedtii* (7103)

Dicranoloma patentifolium Renauld & Cardot = *Dicranoloma billardierei* var. *patentifolium* [1521] (= *Dicranoloma billardierei*)

Dicranoloma pungens (Hook.f. & Wilson) Paris. Excluded: see note under *Dicranoloma robustum*.

Dicranoloma pynoloma Renauld = *Dicranoloma scopareolum* [1848: 71] (= *Dicranoloma billardierei*)

Dicranoloma robustum (Hook.f. & Wilson) Paris. Excluded: both this taxon and its synonym *Dicranoloma pungens* are shown by Index Muscorum to be present in Africa, but no such records have been found.

Dicranoloma scopareolum (Müll.Hal.) Renauld ex Paris = *Dicranoloma billardierei* var. *scopareolum* [1521] (= *Dicranoloma billardierei*)

Dicranoloma tabulare Renauld, nom. nud. = *Dicranoloma billardierei* [5556: 357]

Dicranoweisia africana Dixon KEN(46), TAN(46).

Dicranoweisia mauritiana Schimp. ex Kindb., nom. nud. Excluded: no description or specimen available.

Dicranum acanthoneurum Müll.Hal. KEN(46), RWA(65), TAN(46), ZAI(65).

Dicranum acrocaulon Müll.Hal. = *Campylopus acrocaulon* (1521) (= *Campylopus pilifer*)

Dicranum affine Broth. in Mildbr. = *Dicranum acanthoneurum* [11: 2: 202]

Dicranum africanum (Hedw.) F.Weber & D.Mohr = *Grimmia pulvinata* var. *africana* [1521] (= *Grimmia pulvinata*)

- Dicranum alpicola* Müll.Hal. = *Campylopus fragilis* (54)
Dicranum altovirescens Müll.Hal. = *Campylopus robillarderi* (54: 164)
Dicranum amplirete Müll.Hal. = *Campylopus ampliretis* (82: 140) (= *Campylopus flaccidus*)
Dicranum arcuatum Brid. = *Campylopus arcuatus* [1521]
Dicranum asplenioides (Hedw.) F.Weber & D.Mohr = *Fissidens asplenioides* [1521]
Dicranum atroluteum Müll.Hal. = *Campylopus bicolor* var. *atroluteus* (54)
Dicranum aubertii Bél. = *Campylopus aubertii* [1521] (= *Campylopus hildebrandtii*)
Dicranum aureonitens Müll.Hal. = *Campylopus aureonitens* [1521]
Dicranum aureoviride Müll.Hal. = *Campylopus pyriformis* (54: 160)
Dicranum bartramiaceum Müll.Hal. = *Campylopus bartramiaceus* (54: 35)
Dicranum basalticola Müll.Hal. = *Campylopus subchlorophyllosus* (54: 182)
Dicranum billardieri Brid. = *Dicranoloma billardieri* (82: 132)
Dicranum boivianum (Besch.) Müll.Hal. = *Leucoloma boivianum* [1521]
- Dicranum borbonicum* Renauld & Cardot REU(2328).**
Dicranum boryanum Schwaegr. = *Dicranoloma billardieri* [1911: 162]
Dicranum brevisetum Brid. = *Leucoloma bifidum* [77: 751]
Dicranum bryoides (Hedw.) Sw. = *Fissidens bryoides* [1521]. Note: see under *Fissidens bryoides*.
Dicranum caespitulans Müll.Hal. = *Leucoloma caespitulans* [1521]
Dicranum cambouei (Renauld & Cardot) Müll.Hal. = *Campylopus cambouei* [1521]
Dicranum cameruniae Müll.Hal., nom. nud. = *Leucoloma cameruniae* [1521]
Dicranum canescens Müll.Hal. = *Campylopus introflexus* (54: 99)
Dicranum capillaceum Brid. = *Campylopus capillaceus* [1521] Excluded: see *Campylopus capillaceus*.
Dicranum capitiflorum P.Beauv. = *Campylopus aureonitens* (54)
Dicranum caractitis Müll.Hal. ex Paris, nom. inval. in synonym. err. = *Dicranum catarractilis* [1521] (= *Campylopus catarractilis*)
Dicranum catarractilis Müll.Hal. = *Campylopus catarractilis* (54)
Dicranum caespitulans Müll.Hal. = *Leucoloma caespitulans* [1521]
Dicranum chlorophyllosum Müll.Hal. = *Campylopus bicolor* var. *atroluteus* (54)
Dicranum chloropus Brid. = *Cheilothea chloropus* [1521]
Dicranum chlorotrichus Müll.Hal. = *Campylopus stenopelma* (82: 142) (= *Campylopus thwaitesii*)
Dicranum chrismarii Müll.Hal. = *Campylopus nivalis* (54: 124)
Dicranum chrysobasilare Müll.Hal. = *Leucoloma chrysobasilare* var. *chrysobasilare* (7101: 527)
Dicranum chrysobasilare var. *gracilicaulon* Müll.Hal. = *Leucoloma procerum* (7101: 546)
Dicranum clavatum R.Br. ex Schwaegr. = *Campylopus clavatus* [1521]. Excluded: see *Campylopus clavatus* (R.Br.) Wilson.
Dicranum commersonianum Müll.Hal., nom. illeg. = *Leucoloma bifidum* (7101: 532)
Dicranum commutatum Hampe ex A.Jaeger = *Dicranoloma billardieri* [5556: 357]
Dicranum coryanum Schwagr. ex Murray, nom. inval. in synonym. err. = *Dicranum boryanum* [1521] (= *Dicranoloma billardieri*)
Dicranum cribrosum Brid. = *Grimmia pulvinata* [1911: 209]
Dicranum crispum Thunb. = *Ditrichum difficile* [5544: 326]
Dicranum cuneifolium Hampe ex Geh. = *Leucoloma cuneifolium* (7102: 596)
Dicranum cylindraceum (P.Beauv.) Brid. = *Holomitrium cylindraceum* var. *cylindraceum* [1521]
Dicranum delagoae Müll.Hal. = *Campylopus savannarum* (54: 169)
Dicranum dichelymoides Müll.Hal. = *Leucoloma dichelymoides* (7101: 575)
Dicranum dichotomum (P.Beauv.) Brid., hom. illeg. = *Dicranoloma billardieri* (1911: 162)
Dicranum dicranelloides Renauld & Cardot ex Paris, nom. inval. in synonym. err. = *Campylopus dicranelloides* [1521] (= *Campylopus perpusillus*)
Dicranum divaricatum Müll.Hal. = *Campylopus savannarum* (54: 169)
Dicranum drepanocladium Müll.Hal. = *Dicranoloma billardieri* var. *drepanocladium* [1521]
Dicranum eklonii Lorentz = *Leucoloma zeyheri* (7103: 618)
Dicranum ekloni Lorentz = *Leucoloma zeyheri* [7103: 618]
Dicranum ericetorum Mitt. = *Campylopus pilifer* [1751]
Dicranum falcifolium (Schwaegr.) Hook. = *Drepanophyllum falcifolium* [1521] (= *Phyllocladum falcifolium*)
Dicranum filiforme P.Beauv. = *Aongstroemia filiformis* (82: 118)
Dicranum filum Bory = *Aongstroemia filiformis* [105]
Dicranum flagellare Hedw. Excluded: *Index Muscorum* reports this for the East African islands, but no specimens have been recorded.
Dicranum flagellare var. *scottianum* (Turner) Somm. Excluded: *Index Muscorum* reports this for central Africa, but no specimens have been recorded.
Dicranum flexifolium (With.) P.Beauv. = *Leptodontium flexifolium* [1521]
Dicranum flexifolium Hook. = *Ditrichum difficile* [5544: 326]
Dicranum flexuosum Hedw. Excluded: *Index Muscorum* reports this for Africa, but no specimens have been recorded.
Dicranum fragile Brid. = *Campylopus fragilis* (54)
Dicranum gigantium Brid. = *Breutelia gigantea* [1521] (= *Breutelia stuhlmannii*)
Dicranum griseolum Müll.Hal. = *Campylopus pilifer* (54: 143)
Dicranum helenicum Müll.Hal. = *Campylopus helenicus* [1521] (= *Campylopus arcuatus*)
Dicranum heteromallum Hedw. = *Dicranella heteromalla* [1521]

- Dicranum hildebrandtii* Müll.Hal. = *Campylopus hildebrandtii* (54)
Dicranum hoehnelii Müll.Hal. = *Campylopus pilifer* (54: 143)
Dicranum imandae Müll.Hal. ex Paris, *nom. inval. in synon. orthogr. pro Dicranum inandae* = *Campylopus purpurascens* [1911: 176] (= *Campylopus savannarum*)
Dicranum imerangae Müll.Hal. ex Paris, *nom. inval. in synon. orthogr.* = *Dicranum inerangae* [1521] (= *Campylopus robillardei*)
Dicranum inandae Müll.Hal. = *Campylopus savannarum* (54: 171)
Dicranum inerangae Müll.Hal. = *Campylopus robillardei* (54: 164)
Dicranum introflexum Hedw. = *Campylopus introflexus* (82: 150)
Dicranum jamesonii Hook. = *Campylopus jamesonii* (54: 102)
Dicranum jashii Thér. in Naveau. Excluded: only a variety was described (from D.R. Congo): see *Dicranum jashii* var. *latifolium*.

***Dicranum jashii* var. *latifolium* Thér. & Naveau ZAI(65).**

- Dicranum johannis-meyeri* Müll.Hal. = *Campylopus johannis-meyeri* (54: 106)

***Dicranum johnstonii* Mitt. BUR(65), GAB(47), KEN(46,5315,7065), MDG(6908), RWA(65), TAN(46), UGA(46), ZAI(65,5319).**

- Dicranum julaceum* Hampe, *hom. illeg.* = *Campylopus julaceus* (54: 109)
Dicranum juniperoideum Brid. = *Leucobryum juniperoideum* [7236: 252]
Dicranum kilimandscharicum Broth. in Engl., *nom. nud.* Excluded: an undescribed collection (*Lindau s.n.*) from Tanzania [46: 39]
Dicranum lepidophyllum Müll.Hal. = *Campylopus introflexus* [54: 97]
Dicranum leptotrichaceum Müll.Hal. = *Campylopus pyriformis* (54: 160)
Dicranum leucobasis Müll.Hal. = *Campylopus pilifer* (54: 143)
Dicranum leucobasis var. *bartramiaceus* Müll.Hal. = *Campylopus pilifer* (54: 143)
Dicranum leucobasis var. *longescens* Müll.Hal. = *Campylopus pilifer* (54: 143)
Dicranum leucochlorum Müll.Hal. = *Campylopus leucochlorus* (54: 115)
Dicranum longescens Müll.Hal. = *Campylopus robillardei* (54: 164)
Dicranum longipilum Müll.Hal. Excluded: the type specimen is a mixture of two taxa [8134: 93-94]
Dicranum megalophyllum Brid., *nom. illeg. incl. spec. prior* = *Leucobryum javense* [774]
Dicranum nanotenax Müll.Hal. = *Campylopus hildebrandtii* (54)
Dicranum nanum (Müll.Hal.) Müll.Hal. = *Dicranella subsubulata* (82: 121)
Dicranum naumannii Müll.Hal. = *Campylopus aureonitens* (54)
Dicranum nitidulum Müll.Hal. = *Dicranoloma billardierei* [1911: 162]
Dicranum nivale (Brid.) Spreng. = *Campylopus nivalis* [1521]

***Dicranum obliquatum* Mitt. BIO(47).**

- Dicranum olivaceonigrans* Müll.Hal. = *Campylopus ampliretis* (82: 140) (= *Campylopus flaccidus*)
Dicranum orientale (F. Weber) D. Mohr = *Semibarbula orientalis* [1521] (= *Barbula indica*)
Dicranum ovale Hedw. = *Grimmia ovalis* (82: 177)
Dicranum ovatum Sw. ex Brid., *nom. illeg. incl. spec. prior* = *Grimmia ovalis* [1521]
Dicranum pallescens Besch (Müll.Hal.) = *Campylopus pallescens* [1521] (= *Campylopus hildebrandtii*)
Dicranum pallescens Wilson ex Paris, *nom. nud. in synon.* = *Leucoloma zeyheri* [4250: 361]
Dicranum pallidonitens Müll.Hal. ex Paris, *nom. nud.* = *Campylopus pallidonitens* [1521] (= *Campylopus robillardei*)
Dicranum pallidum (Hedw.) D. Mohr. = *Ditrichum pallidum* [1521]
Dicranum perfalcatum Müll.Hal. = *Campylopus stenopelma* (54: 180) (= *Campylopus thwaitesii*)
Dicranum perfoliatum Müll.Hal. ex Paris, *nom. inval. in synon. err.* = *Dicranum perfalcatum* [1521] (= *Campylopus thwaitesii*)
Dicranum perichaetiale (P. Beauv.) Brid. = *Holomitrium cylindraceum* var. *cylindraceum* [2584: 351]

***Dicranum petrophyllum* G. Negri UGA(46).**

- Dicranum phascoides* Hook. = *Garckea phascoides* [1521] (= *Garckea flexuosa*)
Dicranum poicilophyllum Müll.Hal. ex Paris, *nom. nud.* = *Campylopus pilifer* [1751: 60]
Dicranum procerum Müll.Hal. = *Campylopus procerus* (1521) (= *Campylopus jamesonii*)
Dicranum proscriptum (Hornsch.) Hook. & Wilson ex Paris, *nom. inval. in synon. err.* = *Dicranodontium proscriptum* [1521] (= *Dicranella proscripta*)
Dicranum pudicum Hornsch ex E. Mey., *nom. nud.* = *Campylopus lepidophyllum* [2584: 407] (= *Campylopus introflexus*)
Dicranum pulvinatum (Hedw.) Sw. ex Lag., D. Garcia & Clemente = *Grimmia pulvinata* [1521]
Dicranum pulvinatum Rehm ex Müll.Hal. *hom. illeg.* = *Campylopus catarractilis* (54)
Dicranum pulvinatum var. *africanum* (Hedw.) Schleich. = *Grimmia pulvinata* var. *africana* [1521] (= *Grimmia pulvinata*)
Dicranum pumilum Müll.Hal. ex Geh., *hom. illeg.* = *Leucoloma pumilum* [1521]
Dicranum purpureo-aureum Müll.Hal. = *Campylopus aureonitens* (54)
Dicranum purpureum Hedw. = *Ceratodon purpureus* var. *purpureus* (1521)
Dicranum pusillum Schimp. ex Müll.Hal., *hom. illeg.* = *Microcampylopus nanus* [1911: 180] (= *Dicranella subsubulata*)
Dicranum pycnoloma Müll.Hal., *nom. nud.* = *Dicranoloma billardierei* var. *scopareolum* [1848: 71] (= *Dicranoloma billardierei*)
Dicranum pyxidiferum Bory ex Brid., *nom. nud. in synon.* = *Campylopus introflexus* (1521) Note: see under *Campylopus introflexus*.
Dicranum rehmannii Müll.Hal. = *Leucoloma rehmannii* (82: 136)

- Dicranum rodriguezii* Müll.Hal. Excluded: taxon described but no specimen indicated.
Dicranum rutenbergii Müll.Hal. = *Leucoloma rutenbergii* (7103: 614)
Dicranum saddleanum Müll.Hal. = *Campylopus vesticaulis* (54: 192)
Dicranum sclerocarpum Schimp. ex Müll.Hal., *nom. inval. in synonym.* = *Dicranella subcompressa* [1571] (= *Aongstroemia subcompressa*)
Dicranum scopareolum Müll.Hal. = *Dicranoloma billardierei* var. *scopareolum* [1521]
Dicranum scoparium var. *flagellare* (Hedw.) Hook. & Taylor. Excluded: reported for Africa in Index Muscorum, but no specimens cited.
Dicranum scottianum Turner. Excluded: listed in Index Muscorum, but no reports found.
Dicranum scottii Gray. Excluded: listed in Index Muscorum, but no reports found.
Dicranum serridorsum Müll.Hal. = *Campylopus robillardii* (54: 164)
Dicranum sinuosum Brid. = *Leucoloma longifolium* [2584: 354]
Dicranum smaragdinum (Brid.) Müll.Hal. = *Campylopus smaragdinus* [1521]
Dicranum sprengelianum Müll.Hal. = *Leucoloma sprengelianum* (82: 134)
Dicranum squarrosulum Müll.Hal. ex Geh. = *Leucoloma squarrosulum* [1521]
Dicranum stellatum Brid. = *Leptodontium stellatum* [1521] (= *Leptodontium longicaule* var. *stellatum*)
Dicranum stenocarpum Hook., *nom. dub. in sched.* = *Dicranella subsubulata* (54: 196)
Dicranum stenopelma Müll.Hal. = *Campylopus stenopelma* (82: 142) (= *Campylopus thwaitesii*)
Dicranum stramineum Mitt. = *Campylopus nivalis* [54: 124]
Dicranum stuhlmannii Broth. = *Dicranum johnstonii* [11: 10: 207]
Dicranum tabulare Rehm ex Geh., *nom. nud.* = *Dicranoloma billardierei* [5556: 357]
Dicranum tenax Müll.Hal. = *Campylopus stenopelma* (54: 180) (= *Campylopus thwaitesii*)
Dicranum thraustum Hampe, *hom. illeg.* = *Leucoloma thraustum* (7101: 559)
Dicranum traustum Hampe, *hom. illeg.* = *Leucoloma thraustum* [7101: 559]
Dicranum ustulatum Brid. = *Calymperes afzelii* [2584: 524]
Dicranum viridissimum Müll.Hal. ex Paris, *nom. nud.* = *Leucoloma viridissimum* [1521]. Excluded: undescribed specimen from Madagascar (Sikora 14315).
Dicranum viridulum Sw. = *Fissidens bryoides* var. *viridulus* [1521] (= *Fissidens viridulus* var. *viridulus*)
Dicranum vulcanicum (Brid.) Brid., *nom. illeg. incl. spec. prior.* = *Aongstroemia filiformis* [1521]
Dicranum weisiopsis Müll.Hal. = *Campylopus pilifer* (54: 145)
Dicranum zeyheri Müll.Hal. = *Leucoloma zeyheri* (7103: 618) (= *Leucoloma sprengelianum*)
Didymodon abyssinicus Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia [50].
Didymodon acutus (Brid.) K.Saito = *Didymodon rigidulus* var. *gracilis* (1420)
Didymodon afer (Müll.Hal.) Broth. = *Didymodon ceratodonteus* [1911: 256]
Didymodon afer var. *minor* Wager ex Sim, *nom. inval. in synonym.* = *Gyroweisia amplexicaulis* [1911: 250] (= *Didymodon tophaceopsis*)
Didymodon afrofontanus (Müll.Hal.) Broth. = *Barbula ehrenbergii* (1158) (= *Barbula bolleana*)
Didymodon afrorubellus Broth. & Wager ex Dixon = *Bryoerythrophyllum afrorubellum* (1420) (= *Bryoerythrophyllum campylocarpum*)
Didymodon alpigenus Venturi = *Bryoerythrophyllum alpigenum* (1521) (= *Bryoerythrophyllum recurvirostrum* var. *alpigenum*)
- Didymodon asperifolius*** (Mitt.) H.A.Crum, Steere & L.E.Anderson ETH(1927), KEN(46).
Didymodon australasiae (Hook. & Grev.) R.H.Zander CVI(2666), ETH(1865,1927,6137), LES(1531), NAM(1531,7155), SAF(1531,8328), ZAI(5319).
Didymodon barbula (Schwaegr.) Bals.-Criv. & De Not., *hom. illeg.* = *Timmiella barbuloidea* [8296: 144]
Didymodon bolleanus (Müll.Hal.) Broth. = *Barbula bolleana* (2666)
Didymodon capensis Spreng. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)
Didymodon capillaceus (Hedw.) F.Weber & D.Mohr = *Distichium capillaceum* [1521]
- Didymodon capitatus*** Dixon ETH(50).
Didymodon ceratodonteus (Müll.Hal.) Dixon = *Didymodon tophaceus* [8019]
Didymodon compressus Schwaegr. = *Diplostichum longirostre* [2584: 41] (= *Eustichia longirostris*)
- Didymodon cordatus*** Jur. SOC(7778).
Didymodon cyathicarpus (Mont.) Mitt. = *Amphidium cyathicarpum* [1521] (= *Amphidium tortuosum*)
Didymodon cylindricus (Bruch ex Brid.) Bruch, *hom. illeg.* = *Oxystegus cylindricus* [1521] (= *Trichostomum tenuirostris*)
Didymodon dimorphus (Müll.Hal.) Broth. = *Didymodon ceratodonteus* (82: 233)
Didymodon distans (Hoppe) A.Jaeger = *Trichostomum distans* (1420)
Didymodon distichus Schwaegr., *hom. illeg.* = *Eustichia longirostris* [2584: 41]
- Didymodon eckendorffii*** P.de la Varde CAF(47), TOG(1878).
Didymodon ehrenbergii (Lorentz) Kindb. = *Barbula bolleana* (2666)
Didymodon epunctatus A.Jaeger, *nom. illeg. incl. spec. prior.* = *Leptodontium viticulosoides* [1521]
Didymodon erubescens Mitt. ex Hook.f. = *Bryoerythrophyllum recurvirostrum* [8107: 125]
- Didymodon fallax*** var. ***fallax*** (Hedw.) R.H.Zander CVI(2666,6453).
Didymodon flexifolius (With.) Hook. & Taylor = *Leptodontium flexifolium* [1521]
Didymodon fontanus (Müll.Hal.) Broth. = *Barbula meidensis* (50: 225)

- Didymodon fontanus* Rehmman ex Geh., *nom. nud.* = *Barbula afrofontana* [4378: 99] (= *Barbula bolleana*)
Didymodon fragilis Hook. & Wilson = *Tortella fragilis* (82: 258)
- Didymodon guineensis*** Broth. & Paris GUI(47).
- Didymodon hastatus*** (Mitt.) R.H.Zander CVI(2666), ETH(758,1927,4304), REU(758).
- Didymodon insulanus*** (De Not.) M.O.Hill CVI(2666,6453), KEN(8227), MLI(51), TAN(7833).
Didymodon integrifolius Broth. in Mildbr. = *Bryoerythrophyllum campylocarpum* (2653)
Didymodon integrifolius var. *paucidentatus* Thér. = *Bryoerythrophyllum campylocarpum* (1420)
- Didymodon jackvancei*** R.H.Zander LES(1531).
Didymodon knysnae Rehmman ex Paris, *nom. nud.* = *Didymodon knysnae* [1521] (= *Didymodon xanthocarpus*)
Didymodon knysnae Rehmman ex Sim = *Didymodon xanthocarpus* (53: 22)
Didymodon leptocarpus Bruch & Schimp. ex Müll.Hal., *nom. nud. in synonym.* = *Didymodon distans* [2584: 583] (= *Trichostomum distans*)
Didymodon lingulatus (Rehmman ex Sim) Magill, *hom. illeg.* = *Gymnostomum lingulatum* (82: 184)
- Didymodon luridus*** Hornsch. ex Spreng. CHA(4507,4508).
Didymodon maschalogenia (Renauld & Cardot) Broth. = *Didymodon hastatus* [7966]
Didymodon michiganensis (Steere) K.Saito = *Didymodon maschalogenia* (2666) (= *Didymodon hastatus*)
- Didymodon nigrescens*** (Mitt.) K.Saito ETH(1927).
Didymodon orientalis (F.Weber) R.S.Williams = *Semibarbula orientalis* [1521] (= *Barbula indica*)
Didymodon pallidus (Hedw.) P.Beauv. = *Ditrichum pallidum* [1521]
Didymodon papillineris (Dixon ex Herzog) Demaret = *Bryoerythrophyllum recurvirostrum* (1420)
Didymodon paucidentatus (Müll.Hal.) Broth. = *Bryoerythrophyllum campylocarpum* (1420)
Didymodon perrevolutus P.de la Varde = *Didymodon ceratodonteus* (82: 235)
Didymodon pottsii Dixon = *Didymodon ceratodonteus* (82: 233)
Didymodon proscriptus (Hornsch.) Brid. = *Campylopodium proscriptum* [1521] (= *Dicranella proscripta*)
Didymodon pungens Mitt. = *Leptodontium pungens* [1521]
Didymodon radicosus Mitt. = *Leptodontium viticulosoides* var. *victulosoides* [2763: 317; 34]
Didymodon recurvirostris (Hedw.) Jenn. = *Bryoerythrophyllum recurvirostrum* (1521)
Didymodon recurvirostris var. *angustifolius* (P.de la Varde) Demaret in P.de la Varde = *Bryoerythrophyllum recurvirostrum* var. *angustifolium* (46) (= *Bryoerythrophyllum campylocarpum*)
Didymodon rigidifolius Dixon = *Bellibarbula recurva* (1420)
- Didymodon rigidulus*** var. *acutus* Bizot TAN(46).
- Didymodon rigidulus*** var. *gracilis* (Schleich. ex Hook. & Grev.) R.H.Zander CVI(6453), ETH(6137), KEN(411), REU(8028), SUD(1419).
- Didymodon rigidulus*** var. *rigidulus* Hedw. CVI(2666), UGA(4282).
Didymodon rigidulus var. *trifarius* (Hedw.) Hartm. = *Didymodon trifarius* [1521]. Excluded: no African records of this taxon have been found.
Didymodon rubellus Bruch, Schimp. & W.Gümbel, *nom. illeg. incl. spec. prior.* = *Bryoerythrophyllum recurvirostrum* [1521]
Didymodon rubellus var. *angustifolius* P.de la Varde = *Bryoerythrophyllum afrorubellum* [1420] (= *Bryoerythrophyllum campylocarpum*)
Didymodon rufus Lorentz = *Didymodon asperifolius* [5490: 128]
Didymodon smaragdinus Brid. = *Campylopus smaragdinus* [1521]
Didymodon squarrosus Hook. = *Leptodontium viticulosoides* [2763: 317; 82: 189]
Didymodon stellatus (Brid.) Besch. ex E.Fourn. = *Leptodontium stellatum* [1521] (= *Leptodontium longicaule* var. *stellatum*)
- Didymodon subfontanus*** Dixon MLW(67).
Didymodon sublingulatus Dixon = *Bryoerythrophyllum campylocarpum* (1420)
- Didymodon subrevolutus*** (Hampe) Broth. MDG(40).
Didymodon subulirostris Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper 1339*) from Ethiopia [50].
- Didymodon tectorum*** (Müll.Hal.) Saito REU(8028).
Didymodon tisserantii P.de la Varde = *Barbula tisserantii* (1420)
- Didymodon tophaceopsis*** R.H.Zander LES(1531), NAM(1531,7155), SAF(1531,8328), ZAM(62), ZIM(46).
- Didymodon tophaceus*** (Brid.) Lisa BOT(1531), CHA(4507), CVI(2666,6453), ETH(6137), LES(1531,4897), MOZ(46), MTN(8019), NAM(1531,7155), SAF(1531,4670,7766,8328), ZAI(5319), ZIM(46).
Didymodon tophaceus (Brid.) Lisa. Note: Sollman (pers. comm.) suggests that some South African collections listed for *Didymodon ceratodonteus* may belong here.
- Didymodon tophaceus*** var. *humilis* (Schimp.) Warnst. SUD(207).

- Didymodon trifarius* (Hedw.) Roehl. = *Saelania glaucescens* [2451: 422]. Note: the name *Didymodon trifarius* has in the past been treated incorrectly as a synonym of the taxon now known as *Didymodon luridus* [2451: 421-423].
Didymodon trifarius var. *luridus* (Hornsch. ex Spreng.) Mont. = *Didymodon luridus* [4793: 91]
Didymodon trivialis (Müll.Hal.) J.Guerra = *Didymodon umbrosus* [8366: 234]
- Didymodon umbrosus*** (Müll.Hal.) R.H.Zander LES(1531,4897), SAF(1531,8328).
Didymodon vinealis (Brid.) R.H.Zander. Note: records of our area of this taxon belong to *Didymodon insulanus*.
- Didymodon xanthocarpus*** (Müll.Hal.) Magill LES(1531,4897), SAF(1531,8328).
Didymodon pallidum (Hedw.) P.Beauv. = *Ditrichum pallidum* [1521]
Didymodon rigidulum (Hedw.) P.Beauv. = *Didymodon rigidulus* [1521]
- Dimerodontium africanum*** Müll.Hal. SAF(1531,4897,8328).
Dimerodontium breutellii Paris, *nom. illeg. incl. spec. prior.* = *Dimerodontium africanum* [1521]
Dimerodontium carniifolium Müll.Hal. = *Dimerodontium africanum* [1911: 365]
- Dimerodontium kenya*** Dixon ex Tosco & Piovano KEN(46).
Dimorphella chlorizans (Welw. & Duby) Broth. = *Rhacopilopsis trinitensis* [2746: 88]
Dimorphella pechuelii (Müll.Hal.) Renaud & Cardot = *Rhacopilopsis trinitensis* [2746: 88]
Dimorphella pechuelii var. *acuminata* Cardot = *Rhacopilopsis trinitensis* [4720: 211]
Dimorphella pechuelii var. *gracilis* Cardot = *Rhacopilopsis trinitensis* [4720: 211]
Dimorphella trintensis (Müll.Hal.) Herzog = *Rhacopilopsis trinitensis* [1521]
- Diphyscium pocsii*** (Bizot) R.H.Zander TAN(46,7416).
Diplostichum africanum Müll.Hal. = *Eustichia longirostris* (83: 399)
Diplostichum distichum Cardot = *Eustichia longirostris* [2584: 41]
Diplostichum longirostre (Brid.) Mont. = *Eustichia longirostris* (83)
Dissodon borbonicus Kindb. = *Tayloria orthodonta* (123)
Dissodon boryanus Müll.Hal., *nom. illeg. incl. spec. prior.* = *Tayloria orthodonta* (123)
Dissodon cameruniae Müll.Hal. ex Dusén = *Tayloria orthodonta* (123)
Dissodon isleanus (Besch.) Paris = *Tayloria isleana* [1521]
Dissodon islei Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Tayloria isleana* [1521]
Dissodon madagassus Müll.Hal., *nom. nud.* = *Tayloria isleana* [1848: 39]
Dissodon serratus Müll.Hal., *nom. illeg. incl. spec. prior.* = *Tayloria orthodonta* [1521]
Dissodon thomeanus (Broth.) Kindb. = *Tayloria thomeana* [1521] (= *Brachymitrium moritzianum*)
Distichia acutifolia (Brid.) Brid. = *Calypothecium acutifolium* var. *acutifolium* [1521]
Distichia afroviatoriae Müll.Hal. ex Dusén = *Neckeropsis afroviatoriae* [1521] (= *Neckeropsis foveolata*)
Distichia crispa (Hedw.) Brid. = *Neckera crispa* [1521]
Distichia pennata (Hedw.) Brid. = *Neckera pennata* [1521]
Distichia platyantha Müll.Hal. = *Neckera platyantha* (1521)
Distichia retusa Brid., *nom. illeg. incl. spec. prior.* = *Neckeropsis disticha* [1521]
Distichium abessinicum Müll.Hal., *nom. nud.* Excluded: no specimen mentioned.
- Distichium capillaceum*** var. *capillaceum* (Hedw.) Bruch, Schimp. & W.Gümbel CMN(47), ETH(50), KEN(3412,5315), LES(1531,4897), MDG(40), SAF(1531,4897,8328), TAN(46), UGA(7834).
- Distichium kilimandscharicum*** Müll.Hal. KEN(46), TAN(46).
- Distichophyllum africanum*** Demaret & P.de la Varde RWA(2675), TAN(46), ZAI(65,747).
Distichophyllum annobonense Broth. in Mildbr., *nom. nud.* Excluded: an undescribed collection (Mildbraed 6704) from Annobon [1619: 159; 47: 511]
Distichophyllum dusenii M.Fleisch., *nom. nud.* = *Distichophyllum rigidicaule* [4087: 51]
Distichophyllum gabonense P.de la Varde = *Distichophyllum rigidicaule* var. *gabonense* [1521]
Distichophyllum hornsuschii M.Fleisch., *nom. illeg. incl. spec. prior.* = *Distichophyllum mniifolium* [1521]
- Distichophyllum mascarenicum*** Besch. REU(105), SEY(276,1926,2353).
Distichophyllum mniifolium (Hornsch.) Sim SAF(1519,1531,8328), TAN(46).
Distichophyllum mniifolium var. *taylorii* (Sim) Magill SAF(1519,8328).
Distichophyllum procumbens Mitt. BIO(47), CMN(47), GHA(47), RIM(4639).
Distichophyllum rakotomariae Crosby MDG(40,3075).
Distichophyllum rigidicaule var. *gabonense* (P.de la Varde) P.de la Varde GAB(47), ZAI(65).
Distichophyllum rigidicaule var. *rigidicaule* (Dusén) Broth. BIO(2662), CMN(47), GAB(47), IVO(1880), UGA(4282).
Distichophyllum taylorii Sim = *Distichophyllum mniifolium* var. *taylorii* (1519: 614)
Ditrichum boryanum (Müll.Hal.) Hampe = *Ditrichum difficile* (5544: 326)
- Ditrichum brachypodium*** (Müll.Hal.) Broth. SAF(1531,8328), SWZ(1531), ZIM(61).
Ditrichum brevifolium (Müll.Hal.) Broth., *hom. illeg.* = *Ditrichum brachypodium* [1911: 144]
Ditrichum capense (Müll.Hal.) Kuntze = *Ditrichum difficile* [5544: 326]

- Ditrichum capense* var. *tenellum* (Müll.Hal.) Paris. Excluded: although reported from South Africa, not accepted by Magill [82: 93].
- Ditrichum capense* var. *vallis-gratiae* Paris = *Ditrichum difficile* [5544: 326]
- Ditrichum difficile*** (Duby) M.Fleisch. BIO(8180), KEN(46,6615,7065), LES(4897), MAU(105), MDG(40,1925), MLW(67,6087), REU(105), RWA(65), SAF(1531,1882,4418,4670,4897,7766,8328), SWZ(1531), TAN(46), ZIM(61).
- Ditrichum difficile* var. *tenellum* (Müll.Hal.) Wijk & Margad. Excluded: see *Ditrichum capense* var. *tenellum*.
- Ditrichum difficile* var. *tenellum*** (Müll.Hal.) Wijk & Margad. SAF(4378).
- Ditrichum dolichopodon* Kuntze, *nom. nud.* = *Ditrichum brachypodum* [1911: 145]
- Ditrichum flexicaule*** (Schimp.) Hampe ETH(1927).
- Ditrichum flexifolium* (Mitt.) Hampe = *Ditrichum difficile* [5544: 326]
- Ditrichum flexifolium* var. *tenellum* (Muel.Hal.) Sim = *Ditrichum difficile* var. *tenellum* [1521] Excluded: see *Ditrichum capense* var. *tenellum*.
- Ditrichum glaucescens* (Hedw.) Hampe = *Saelania glaucescens* (1521)
- Ditrichum gracile*** (Mitt.) Kuntze KEN(8227).
- Ditrichum hornschuchii* Kuntze, *nom. illeg. incl. spec. prior.* = *Campylopodium proscriptum* [1571] (= *Dicranella proscripta*)
- Ditrichum hymenodontium* Dixon = *Ditrichum brachypodum* (82: 92)
- Ditrichum leptorhynchum* Hampe = *Dicranella pervilleana* [1945: 307]
- Ditrichum luteum*** Dixon & Thér. MDG(40).
- Ditrichum macleanum* Paris, *nom. nud.* = *Ditrichum difficile* [5544: 326]
- Ditrichum madagassum*** (Renauld & Cardot) Paris MDG(40).
- Ditrichum microcarpon* P.de la Varde, *hom. illeg.* = *Ditrichum tisserantii* [194: 245]
- Ditrichum pallidum*** (Hedw.) Hampe KEN(46), MDG(40), TAN(46), UGA(46), ZAI(65).
- Ditrichum proscriptum* (Hornsch.) Paris = *Campylopodium proscriptum* [1521] (= *Dicranella proscripta*)
- Ditrichum punctulatum*** Mitt. LES(4897), REU(5440), SAF(1531,4897,8328).
- Ditrichum rigidulum* (Hedw.) Timm ex Brockm., *nom. inval. in synon.* = *Didymodon rigidulum* [1521]
- Ditrichum spirale* Dixon = *Ditrichum punctulatum* (82: 92)
- Ditrichum strictum*** (Hook.f. & Wilson) Hampe LES(1531), SAF(1531,4903,8328).
- Ditrichum tisserantii*** P.de la Varde ANG(46).
- Ditrichum vallis-gratiae* (Lindb.) Hampe = *Ditrichum difficile* [5544: 326]
- Donnellia laxiuscula*** (Cardot) W.R.Buck ZAI(65).
- Donnellia matutina*** W.R.Buck RWA(65), ZAI(65).
- Donnellia usambarica*** (Broth. ex Paris) W.R.Buck TAN(46).
- Dorcadion pumilum* (Sw.) Lindb. = *Orthotrichum pumilum* [1521]
- Dorcadion rupestre* (Schwaegr.) Lindb. = *Orthotrichum rupestre* [1521]
- Drepanium cupressiforme* (Hedw.) Roth. = *Hypnum cupressiforme* [1521]
- Drepanium cupressiforme* var. *brevisetum* (Schimp.) Roth. = *Hypnum cupressiforme* var. *brevisetum* [1521] (= *Hypnum cupressiforme*)
- Drepanium cupressiforme* var. *ericetorum* (Brid.) Roth = *Hypnum cupressiforme* var. *ericetorum* [1521] (= *Hypnum jutlandicum*)
- Drepanium cupressiforme* var. *tectorum* (Brid.) Roth = *Hypnum cupressiforme* var. *tectorum* [1521] Excluded: Index Muscorum reports this taxon for E. African islands, but no records have been found.
- Drepanocladus aduncus*** (Hedw.) Warnst. BIO(8180), ETH(1927), KEN(46), RWA(65), ZAI(65), ZIM(61).
- Drepanocladus afrofluitans* Müll.Hal. = *Amblystegium afrofluitans* [1521] (= *Amblystegium riparium*)
- Drepanocladus exannulatus* (Schimp.) Warnst. = *Warnstorfia exannulata* (453)
- Drepanocladus fluitans* (Hedw.) Warnst. = *Warnstorfia fluitans* (1124)
- Drepanocladus fluitans* var. *gracilis* Warnst. Excluded: no published African collection found.
- Drepanocladus fluitans* var. *monodii* P.de la Varde = *Warnstorfia fluitans* Note: according to Ochyra (pers. comm.) this is just an aquatic phenotype of otherwise typical *Warnstorfia fluitans*.
- Drepanocladus hallii*** Broth. & Dixon in Dixon SAF(1531,8328).
- Drepanocladus hallii* Broth. & Dixon. Note: according to Ochyra (pers. comm.) the type of this taxon belongs to *Drepanocladus sendtneri*, but this has not yet been published.
- Drepanocladus polygamus*** (Bruch, Schimp. & W.Gümbel) Hedenäs SAF(141,8328), TAN(1405), UGA(6989).
- Drepanocladus revolvens* (Sw.) Warnst. = *Limprichtia revolvens* [2185]
- Drepanocladus sendtneri*** (Schimp.) Warnst. SAF(4385).
- Drepanocladus sparsus*** Müll.Hal. LES(1531), SAF(1531,8328), ZIM(46).

- Drepanocladus sparsus* Müll.Hal. Note: according to Ochyra (pers. comm.) the type of this taxon is *Leptodictyum riparium* (= *Amblystegium riparium* in this checklist), but this has not yet been published. The Lesotho collection (4897) has been reidentified as *Sanionia uncinata* (Hodgetts, pers. com.).
- Drepanocladus uncinatus* (Hedw.) Warnst. = *Sanionia uncinata* (453)
- Drepanocladus wilsonii* (Lindb.) Loeske = *Drepanocladus sendtneri* [1521]
- Drepanophyllaria caudicaulis* Müll.Hal. = *Hygroamblystegium caudicale* [1521] (= *Pseudoleskea chilensis*)
- Drepanophyllum falcifolium* (Schwaegr.) Wijk & Margad. = *Phyllocladophyllum falcifolium* [5474]
- Drepanophyllum fulvum* Hook. = *Phyllocladophyllum falcifolium* (5474)
- Dryptodon campestris* (Hook.) Brid. = *Grimmia laevigata* [2584: 794]
- Dryptodon cribrosus* (Brid.) Brid. = *Grimmia pulvinata* var. *africana* [25: 2: 222; 1911: 209] (= *Grimmia pulvinata*)
- Dryptodon crispulus* Hook.f. & Wilson = *Racomitrium crispulum* (82: 281)
- Dryptodon crispus* Brid. = *Ditrichum difficile* [5544: 326]
- Dryptodon leucophaeus* (Grev.) Brid. = *Grimmia laevigata* [2584: 794]
- Dryptodon obtusus* Brid. = *Grimmia pulvinata* var. *africana* (1521) (= *Grimmia pulvinata*)
- Dryptodon ovalis* (Hedw.) Hartm. ex H.Moell. = *Grimmia ovalis* [1521]. Note: see comments under *Grimmia ovalis*.
- Dryptodon ovalis* var. *affine* (Hedw.) Hartm. = *Grimmia affinis* [1521] (= *Grimmia longirostris*)
- Dryptodon ovatus* (F.Weber & D.Mohr) Hartm. = *Grimmia ovalis* [8268: 25]. Note: see comments under *Grimmia ovalis*.
- Dryptodon pulvinatus* (Hedw.) Brid. = *Grimmia pulvinata* [1521]
- Dryptodon pulvinatus* var. *crinitus* Breb. = *Grimmia pulvinata* var. *africana* [4382: 212] (= *Grimmia pulvinata*)
- Duidymodon brachydontius* (Bruch) Wilson in Hook. = *Trichostomum brachydontium* var. *brachydontium* [1521]
- Duseniana borgenii* (Renauld & Cardot) Müll.Hal. ex M.Fleisch., *nom. nud.* = *Trachyphyllum borgenii* [1521]
- Duseniana boryana* (Besch.) Müll.Hal. ex M.Fleisch., *nom. inval. in synonym.* = *Leptodon boryanus* [1521] (= *Leptodon fuciformis*)
- Duseniana flagellacea* (Müll.Hal.) M.Fleisch., *nom. inval. in synonym.* = *Forsstroemia flagellacea* (1521) (= *Forsstroemia producta*)
- Duseniana incrassata* Broth. = *Forsstroemia incrassata* (1521) (= *Forsstroemia producta*)
- Duseniana producta* (Horns.) Müll.Hal. ex M.Fleisch., *nom. inval. in synonym.* = *Forsstroemia producta* [1521]
- Eccremidium exiguum*** (Hook.f. & Wilson) Hampe SAF(1531,8328), ZIM(5525).
- Ectropothecium affine*** Broth. TAN(46).
- Ectropothecium afromolluscum*** Broth. CAF(47), CMN(47), GAB(47), GHA(47), SIE(47,3216), TAN(46), ZAI(65).
- Ectropothecium alboviride* Renauld = *Vesicularia alboviridis* [1521]
- Ectropothecium alboviride* var. *rufulum* Renauld & Cardot = *Vesicularia alboviridis* var. *rufula* [1521]
- Ectropothecium anisophyllum*** Broth. CAF(47), CMN(47), CON(47), GAB(47), GUI(47,5041), IVO(1880), LBR(47), UGA(3072,7922), ZAI(65).
- Ectropothecium appressum* (Renauld & Cardot) Broth. = *Isopterygium combae* [1848: 462]
- Ectropothecium arcuatum* Renauld & Cardot, *hom. illeg.* = *Ectropothecium mauritanum* (1521)
- Ectropothecium aureocrispum*** Broth. CMN(47).
- Ectropothecium ayresii* Schimp. ex Besch. = *Vesicularia ayresii* [1521]
- Ectropothecium bescherellei* Renauld = *Vesicularia bescherellei* [1521]
- Ectropothecium bingerianum*** Paris & Broth. in Paris GUI(47).
- Ectropothecium boivinii* Besch. = *Vesicularia galerulata* [1848: 480]
- Ectropothecium brachycarpum* (Dixon) Magill = *Isopterygium tenerum* [7706]
- Ectropothecium brachycladulum*** (Müll.Hal.) Broth. CMN(9), IVO(1880), TAN(46), UGA(3072,7922).
- Ectropothecium brachycladulum* Broth. Note: this species is treated as a synonym of *Vesicularia mayumbensis* by Potier de la Varde [4763: 43], and this was followed by Schultze-Motel (47: 524), but the type description and collections given this name belong to *Ectropothecium*.
- Ectropothecium brachyphyllum* Broth. & Watts = *Ectropothecium buitenzorgii* [2740: 358]
- Ectropothecium brevifalcatum*** (Müll.Hal.) Kindb. CMN(47), GUI(47), MLI(47), SAO(47), TOG(1878).
- Ectropothecium brevisetum* Dixon, *hom. illeg.* = *Ectropothecium brachycarpum* (53: 23)
- Ectropothecium bryocarpum* Paris, *nom. nud.* Excluded: an undescribed taxon (*Dusén 311*) from Cameroon.
- Ectropothecium buluense* Broth. ex Engl., *nom. nud.* Excluded: an undescribed collection (*Lindau s.n.*) from Tanzania [46: 129].
- Ectropothecium campylosciadium* Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 366*) from Cameroon.
- Ectropothecium capillisetum*** (Müll.Hal.) Kindb. ANG(46).
- Ectropothecium chenagonii*** Renauld & Cardot MDG(40), UGA(7922).
- Ectropothecium chenagonii* var. *hamatulum*** Renauld & Cardot MDG(40).
- Ectropothecium chlorizans* (Welw. & Duby) A.Gepp = *Rhacopilopsis trinitensis* [2746: 88]
- Ectropothecium codonopyxis* (Müll.Hal.) Paris = *Vesicularia codonopyxis* [1521]
- Ectropothecium combae* Renauld & Cardot = *Vesicularia combae* [1521]
- Ectropothecium contractile* Broth. ex Paris, *nom. nud.* Excluded: an undescribed collection from Cameroon.

- Ectropothecium crassirameum* Renauld & Cardot in Renauld = *Vesicularia crassiramea* [1521]
Ectropothecium curvulum Mitt. ex C.H.Wright, *nom. nud.* = *Ectropothecium regulare* [1848: 448]
- Ectropothecium cyperoides*** (Hook.) A.Jaeger CGS(5699), DIE(5699).
- Ectropothecium dafilae*** Broth. & Paris GUI(47).
Ectropothecium dafitae Broth. & Paris ex Broth., *err.* = *Ectropothecium dafilae* [1521]
- Ectropothecium dealbatum*** (Reinw. & Hornsch.) A.Jaeger CGS(5699,8220), DIE(5699).
Ectropothecium delicatulum Paris ex P.de la Varde, *hom. illeg.* = *Ectropothecium perrevolutum* [7448: 89]
Ectropothecium densirameum Broth. in Engl., *nom. nud.* = *Vesicularia densiramea* [4139: 29] Excluded: see *Vesicularia densiramea*.
- Ectropothecium diffusum*** (Mitt.) A.Jaeger BIO(47), PRI(47).
- Ectropothecium doliare*** Mitt. CGS(8220), ROD(105).
- Ectropothecium dolosum*** Cardot ZAI(65).
- Ectropothecium drepanophyllum*** Broth. SAO(47).
- Ectropothecium duemmeri*** Dixon TAN(46), UGA(46).
- Ectropothecium engleri*** Broth. TAN(46).
Ectropothecium engleri var. *floridum* Broth., *nom. nud.* [8203: 339]. Excluded: an undescribed collection (Goetze 165) from Tanzania.
- Ectropothecium engleri*** var. *planissimum* Broth. LBR(47), TAN(46).
- Ectropothecium fiorinae*** Tosco & Piovano TAN(46).
Ectropothecium galerulatum (Duby) A.Jaeger = *Vesicularia galerulata* [1521]
Ectropothecium glaucissimum (Müll.Hal.) A.Jaeger = *Vesicularia glaucissima* [1521]
Ectropothecium glauculum Broth. = *Vesicularia glaucula* [1521]
Ectropothecium golungense (Welw. & Duby) A.Jaeger = *Vesicularia golungense* (1521)
- Ectropothecium guineense*** Paris & Broth. GUI(47), IVO(47).
Ectropothecium hapalypertum (Müll.Hal.) Paris = *Vesicularia hapalyperta* [1521]
Ectropothecium hygrobium Besch. = *Vesicularia hygrobia* [1521]
Ectropothecium immundum Renauld = *Vesicularia immunda* [1521]
- Ectropothecium intertextum*** Renauld & Cardot MAU(105,5916), MDG(40).
Ectropothecium ischyropteris Broth. = *Vesicularia ischyropteris* [1521]
Ectropothecium isopterygioides Broth. ex Engl., *nom. nud.* Excluded: an undescribed collection (Lindau s.n.) from Tanzania [46: 129].
- Ectropothecium lateriticola*** Broth. CMN(47), KEN(46).
Ectropothecium lepervanchei Besch. = *Vesicularia lepervanchei* [1521]
Ectropothecium leptoblastum Broth. ex Engl., *nom. nud.* Excluded: an undescribed collection (Lindau s.n.) from Tanzania [46: 129].
Ectropothecium leucoflavum Paris, *nom. nud.* Excluded: undescribed taxon (Dusén 110) from Cameroon.
Ectropothecium longofluitans Broth = *Vesicularia longofluitans* [1521]
Ectropothecium mauritianum (Broth.) N.Nishim., *hom. illeg.* = *Ectropothecium nishimurii* (5546)
- Ectropothecium mauritianum*** Renauld & Cardot MAU(105), MDG(40).
Ectropothecium mayumbense Besch. = *Vesicularia mayumbense* [1521]
Ectropothecium micropyxis Broth. ex Engl., *nom. nud.* Excluded: an undescribed collection from Togo [58].
- Ectropothecium mollicellum*** (Mitt.) A.Jaeger CMN(47).
Ectropothecium mundum Paris, *nom. nud.* = *Vesicularia immunda* [4097: 104; 1848: 484]
Ectropothecium nanocarpum (Müll.Hal.) Paris = *Vesicularia nanocarpa* [1521]
Ectropothecium nanocristacastrensis Kindb., *nom. nud.* = *Ectropothecium regulare* [1848: 484]
- Ectropothecium nishimurii*** O'Shea & Ochyra MAU(105).
- Ectropothecium occultum*** Renauld & Cardot COM(40), MDG(40), REU(105).
Ectropothecium oreadelphus Broth. = *Vesicularia oreadelphus* [1521]
Ectropothecium oreadelphus var. *glaucoviride* Broth. ex Paris = *Vesicularia oreadelphus* var. *glaucoviride* [1521]
Ectropothecium oreadelphus var. *suphureoflavum* Broth. = *Vesicularia oreadelphus* var. *suphureoflavum* [1521]
- Ectropothecium ovalifolium*** (Besch.) W.R.Buck MDG(40).
Ectropothecium oxyodon (Welw. & Duby) A.Jaeger = *Rhynchostegium oxyodon* (1521)
- Ectropothecium paillotii*** Renauld & Cardot MAU(105), MDG(40), UGA(7922), ZIM(61).
Ectropothecium perpallidum Broth. = *Vesicularia perpallida* [1521]
Ectropothecium perpinnatum Broth. ex Paris, *nom. nud.* Excluded: Reported in error from Africa.
- Ectropothecium perrevolutum*** P.de la Varde CAF(47), GUI(47), IVO(1880), TOG(1878).
- Ectropothecium perrieri*** Thér. MDG(40).
- Ectropothecium perrotii*** Renauld & Cardot MDG(40), MLW(67), SAF(1531), UGA(3072,7922), ZAI(65), ZIM(61).
- Ectropothecium plumigerum*** (Broth.) Hedenäs CMN(47), GAB(47), UGA(7353,7922).

- Ectropothecium podorrhizum* Renauld & Cardot = *Isopterygium podorrhizum* [1521]
Ectropothecium prionacis Paris, *nom. nud.* Excluded: an undescribed taxon (*Dusén 224*) from Cameroon.
- Ectropothecium protractulum*** Müll.Hal. COM(40).
Ectropothecium pseudo-amoenum (Bél.) A.Jaeger = *Taxithelium pseudo-amoenum* [1521]
- Ectropothecium regulare*** (Brid.) A.Jaeger BIO(3414), BUR(65), CMN(47), COM(40), CON(47), GAB(47), GUI(47), IVO(1880), MAU(105,3410), MDG(40), MLW(67), NGA(5160,5176), REU(105,3410), RIM(4639), SAF(1531,7766,8328), SEY(1926,1941,2353,4932), SIE(47,3216), TAN(46), ZAM(62), ZIM(46,61).
- Ectropothecium regulare*** var. *angustifolium* Thér. MAU(105).
Ectropothecium regulare var. *densum* Renauld & Cardot in Grandid., *nom. nud. in synonym.* = *Ectropothecium regulare* [1848: 449]
- Ectropothecium regulare*** var. *laxitextum* Thér. REU(105).
Ectropothecium regulare var. *minus* Renauld = *Ectropothecium paillotii* (40: 243)
- Ectropothecium revolutum*** Broth. CMN(47), IVO(1880), NGA(5148), TAN(46), ZAI(65).
Ectropothecium rodriguezii Renauld & Cardot = *Vesicularia rodriguezii* [1521]
Ectropothecium rodriguezii var. *pinnatum* Renauld & Cardot in Renauld, *nom. nud.* Excluded: an undescribed collection from Rodriguez.
Ectropothecium rootii Paris & Broth. = *Vesicularia rootii* [1521]
Ectropothecium sarcoblastum Broth. = *Vesicularia sarcoblasta* [1521]
Ectropothecium scaturiginum (Brid.) Mitt. = *Vesicularia scaturigina* [1521]
- Ectropothecium sericeum*** P.de la Varde TAN(46).
- Ectropothecium seychellarum*** Besch. MDG(40), SEY(1618,1926,1946,1947,2195,2328,2353,4932).
Ectropothecium seychellense Besch. ex Renauld & Cardot, *nom. nud. err.* = *Ectropothecium seychellarum* [1521]
Ectropothecium sigmangium Broth. = *Vesicularia sigmangia* [1521]
Ectropothecium soyauxii (Müll.Hal.) Paris = *Vesicularia soyauxii* [1521]
Ectropothecium sphaericum var. *laxifolium* Renauld & Paris ex Paris = *Vesicularia crassiramea* var. *laxifolia* [1521]
Ectropothecium sphaerocarpon (A.Jaeger) Besch. = *Vesicularia galerulata* [1848: 480]
Ectropothecium sphaerocarpon var. *subpiligerum* Renauld & Cardot = *Vesicularia galerulata* var. *subpiligera* [1521]
- Ectropothecium squarriifolium*** (Broth.) N.Nishim. CAF(47), CMN(47), CON(47), GAB(47), SEY(4932).
Ectropothecium strephomischos (Welw. & Duby) A.Gepp in Hiern = *Vesicularia strephomischos* [1521]
Ectropothecium subenerve Mitt. = *Vesicularia subenervis* (1521)
Ectropothecium subsarcoblastum Broth. = *Vesicularia subsarcoblasta* [1521]
Ectropothecium subsphaericum Müll.Hal. ex Renauld & Cardot = *Vesicularia subsphaerica* [1521]
Ectropothecium subsphaericum var. *laxifolium* Renauld & Cardot = *Vesicularia crassiramea* var. *laxifolia* [1521]
- Ectropothecium subulosum*** Mitt. ROD(105).
Ectropothecium sulfureoflavum Paris, *nom. nud.* = *Vesicularia oreadelphus* var. *sulphureoflava* [1521]
- Ectropothecium tamatavense*** Broth. MDG(40).
- Ectropothecium taxiforme*** (Brid.) Broth. ANN(47), CMN(47), LBR(47), MLW(3072), SIE(3216).
Ectropothecium tenaci-insertum (Müll.Hal.) Paris = *Vesicularia tenaci-inserta* [1521]
Ectropothecium tenuatipes (Müll.Hal.) Paris = *Vesicularia tenuatipes* [1521]
Ectropothecium terrestre (Müll.Hal.) Paris = *Vesicularia terrestris* [1521]
Ectropothecium thollonii Besch. = *Vesicularia thollonii* [1521]
- Ectropothecium triviale*** (Müll.Hal.) Kindb. BIO(47,3418).
Ectropothecium ulugurense Broth., *nom. nud.* [8203: 338]. Excluded: an undescribed collection (*Goetze 452*) from Tanzania.
- Ectropothecium valentinii*** Besch. MAU(105), REU(105).
- Ectropothecium valentinii*** var. *minus* Renauld MAU(105).
Ectropothecium virentipinnatum Müll.Hal. ex Renauld = *Vesicularia galerulata* [1848: 480]
- Ectropothecium viridulum*** (Brid.) A.Jaeger REU(105).
- Ectropothecium zollingeri*** (Müll.Hal.) A.Jaeger CAF(47), GAB(47), GUI(2733), TOG(1878), ZAI(65,1552).
Eleutera disticha (Hedw.) Stuntz = *Neckeropsis disticha* [1521]
Eleutera pennata (Hedw.) Stuntz = *Neckera pennata* [1521]
- Encalypta ciliata*** Hedw. ETH(50,1927), KEN(46,3412,5315), LES(1531,4897), SAF(1531,4897,8328), TAN(46), UGA(5696).
Encalypta crispa Thundb. ex Juel, *nom.nud. in synonym.* = *Ptychomitrium crispatum* [1521]
Encalypta crispata Hedw. = *Ptychomitrium crispatum* (1519: 474)

Encalypta cuspidata Bruch & Schimp. ex Müll.Hal. ETH(50).

Encalypta fimbriata Lam. & DC. = *Encalypta ciliata* (1521)
Encalypta gracilis A.Roth, *nom. inval.* = *Pterogonium gracile* [1521]

Encalypta hedbergii P.de la Varde TAN(46).***Encalypta intermedia*** Jur. in Jur. & Milde ERI(50).

Encalypta pulvinata Sibth., *nom. inval.* = *Grimmia pulvinata* [1521]

Encalypta rhaptocharpa var. ***rhaptocharpa*** Schwägr. ETH(1927).

Encalypta vulgaris var. *intermedia* Dixon ex Cufod. = *Encalypta intermedia* (50: 222)

Encalypta vulgaris var. ***vulgaris*** Hedw. CHA(4508,4527), ETH(1927), LES(1531,4897), SAF(1531,8328).

Endotrichum bescherellei Renaud & Cardot, *nom. nud.* = *Calyptothecium bescherellei* [1521]

Endotrichum patentissimum (Hampe) A.Jaeger = *Renaudia patentissima* [1521]

Endotrichum patentissimum var. *brevis* Müll.Hal., *nom. nud.* = *Renaudia patentissima* var. *tenuis*, *nom. nud.* [1848: 342].

Excluded: see *Renaudia patentissima* var. *tenuis*, *nom. nud.*

Endotrichum patentissimum var. *tenuis* Müll.Hal., *nom. nud.* Excluded: see *Renaudia patentissima* var. *tenuis*, *nom. nud.*

Entodon abyssiniae Müll.Hal. ex M.Fleisch., *nom. nud.* in *synon.* = *Pylaisiobryum abyssinicum* [1566: 211]

Entodon abyssinicus (Müll.Hal.) A.Jaeger = *Pylaisiobryum abyssinicum* (1521)

Entodon abyssinicus Tosco & Piovano, *nom. inval.* = *Entodon piovanii* (80)

Entodon adyris W.R.Buck ZAI(65).

Entodon batangae Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 682*), from Cameroon.

Entodon brevirameus Dixon = *Entodon dregeanus* (53: 23)

Entodon brevis Paris, *nom. nud.* Excluded: an undescribed specimen (*Schimper s.n.*) collected from Ethiopia [50].

Entodon cameruniae Müll.Hal. ex Paris, *nom. nud.* = *Entodontella cameruniae* (715)

Entodon chenagonii Renaud & Cardot ex Wijk, Margad. & Florsch., *err.* = *Ectropothecium chenagonii* [1521]

Entodon chenagonii var. *hamatulus* Renaud & Cardot ex Wijk, Margad. & Florsch., *err.* = *Ectropothecium chenagonii* var. *hamatulum* [1521]

Entodon concinnus (De Not.) Paris ETH(1927,6024).***Entodon corbieri*** Renaud & Cardot MDG(40,2672).***Entodon cymbifolius*** Wager ex Dixon LES(1531,4897), SAF(1531,8328), ZIM(46).

Entodon cyrtocladus Besch. ex Paris, *nom. nud.* = *Levierella fabroniacea* var. *abyssinica* [4800: 211] (= *Levierella perserrata*)

Entodon densus (Hook.) Mitt. = *Bryosedgwickia densa* [1521] (= *Platygyriella densa*)

Entodon denticuspis P.de la Varde UGA(46), ZAI(715).***Entodon dregeanus*** (Hornsch.) Müll.Hal. BUR(65), ETH(111,1927), KEN(46,3412), LES(4897), MAU(3410), MLW(67,70,3410), NGA(334), REU(3410), RWA(65), SAF(70,1531,3411,4897,7766,8328), SWZ(1531), TAN(46), UGA(46), ZAI(65), ZAM(46), ZIM(46,70).

Entodon dregeanus (Hornsch.) Müll.Hal. Note: this taxon was treated as a synonym of *Entodon macropodus* in previous lists, based on Townsend, 1991 [70]. However, current research in this area suggests that the two taxa are distinct [7630: 240].

Entodon dregeanus var. ***borbonicus*** Renaud & Cardot REU(105).

Entodon dregeanus var. *imbricatus* Rehmann ex Paris, *nom. nud.* = *Entodon dregeanus* [1911: 411]

Entodon dregei Kindb., *nom. illeg. incl. spec. prior.* = *Entodon dregeanus* [1521]

Entodon dusenii Broth. = *Campylodontium dusenii* [1521] (= *Mesonodon flavescens*)

Entodon enervis Rehmann ex Geh., *nom. nud.* = *Entodon dregeanus* [4378: 133]

Entodon engleri Broth. = *Erythrodontium engleri* (1521)

Entodon felicis var. ***julaceus*** Renaud & Cardot in Renaud MDG(40).***Entodon felicis*** var. ***julaceus*** Renaud & Cardot MDG(40).

Entodon ferricola (Müll.Hal.) Müll.Hal. = *Trachyphyllum ferricola* [1521] (= *Trachyphyllum inflexum*)

Entodon flavescens (Hook.) M.Fleisch. ex Paris, *nom. illeg.* = *Campylodontium flavescens* [1521] (= *Mesonodon flavescens*)

Entodon geminidens (Besch.) Broth. CMN(47), ETH(111), NGA(5176,5745), REU(715), SAF(1531,8328), TAN(46).

Entodon inflexus (Harv.) Müll.Hal. = *Trachyphyllum inflexum* [1521]

Entodon julaceus (Schwaegr.) Müll.Hal. = *Erythrodontium julaceum* [1521]

Entodon lacunosus Broth. = *Entodon dregeanus* (717) (= *Entodon macropodus*)

Entodon macropodus (Hedw.) Müll.Hal. Note: see under *Entodon dregeanus*.

Entodon madagassus Geh. MDG(40).***Entodon motelayi*** (Besch.) Paris MAU(105,715,2322).***Entodon natalensis*** Rehmann ex Müll.Hal. LES(1531), SAF(1531,8328).

Entodon natalensis var. *longisetus* Wager & Dixon, *nom. nud.* = *Entodon geminidens* [1911: 411,412]

- Entodon n'goloae* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 679*) from Cameroon.
Entodon perjulaceus Müll.Hal. ex Paris, *nom. nud. in synon.* = *Erythrodontium perjulaceum* [1521]
Entodon perpinnatus Müll.Hal., *nom. nud. in synon.* = *Entodon dregeanus* [4378: 133] (= *Entodon macropodus*)
- Entodon pivovani*** Bizot ETH(715,1927), TAN(46).
Entodon pobeguini Broth. & Paris = *Erythrodontium barteri* [2849: 110]
- Entodon pseudoseductrix*** (Müll.Hal.) A.Jaeger CVI(1296,2666).
Entodon rotundifolius Müll.Hal. = *Erythrodontium rotundifolium* (1521)
- Entodon rutenbergii*** Geh. MDG(40).
Entodon schimperi Hampe ex Brizi, *nom. illeg. incl. spec. prior* = *Pylaisiobryum abyssinicum* [1521]
- Entodon schleicheri*** (Schimp.) Demet. CVI(2666).
Entodon schoae Müll.Hal. ex Paris, *nom. nud.* = *Entodon brevis* [50: 240]
Entodon schweinfurthii Broth. & Paris = *Erythrodontium barteri* [2849: 110]
- Entodon stereophylloides*** Broth. TAN(46), UGA(715).
Entodon subcompressus M.Fleisch, *nom. nud.* Excluded: an undescribed collection reported from Ethiopia [50] and Tanzania [46: 120; 2734: 317] based on *Pylaisia subcompressa* Müll.Hal. ex M.Fleisch, *nom. nud.* [1566: 211].
- Entodon subgeminidens*** P.de la Varde CAF(47), CON(715).
Entodon subjulaceus Müll.Hal. = *Erythrodontium subjulaceum* (1521)
Entodon subtruncatus Paris, *nom. nud.* = *Neckeropsis disticha* [7306: 110]
Entodon truncatus (P.Beauv.) Müll.Hal. ex Kindb., *hom. illeg.* = *Neckeropsis disticha* [7306: 110]
- Entodon usambaricus*** Broth. KEN(46), TAN(46).
Entodon vulcanicus Demaret & V.Leroy KEN(46), RWA(65), TAN(46), UGA(5696), ZAI(65).
- Entodontella cameruniae*** Broth. CMN(47), GUI(47).
Entodontopsis leucostega (Brid.) W.R.Buck & Ireland ANG(46), CVI(2666), TOG(1878).
Entodontopsis nitens (Mitt.) W.R.Buck & Ireland ANG(46), BIO(47,2662), CAF(47,355), CMN(47), COM(40), ETH(111), GAB(47), GHA(47), GUI(47,1458), IVO(1458,1880), KEN(411), LBR(47), MDG(40), MLW(67), NGA(47,334,4314,5148,5160,5176,6263), RWA(65), SAF(6400,8328), TAN(46), TOG(1878,2851), UGA(46), ZAI(65,5319), ZAM(62).
- Entodontopsis rhynchostegioides*** (Broth. & Paris) W.R.Buck & Ireland GUI(47).
Entodontopsis rufescens (Broth.) W.R.Buck & Ireland TAN(46).
Entodontopsis tenuinervis (Broth.) W.R.Buck & Ireland CAF(47), GHA(47), GUI(47,1458), MDG(40), MLW(67), NGA(334,4314,5176), SIE(47), ZAI(65).
Entosthodon amblyodon Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Mt Semen, Ethiopia [50: 228].
Entosthodon ampliretis Rehmman ex Müll.Hal. = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)
- Entosthodon bergianus*** (Hornsch.) Müll.Hal. LES(1531,4897), NAM(1531,7155), SAF(1531,8328).
Entosthodon bergii Bruch & Schimp., *nom. illeg.* = *Fissidens bergiana* (83: 323) (= *Entosthodon bergianus*)
- Entosthodon borbonicus*** Besch. MAU(105), MDG(40), REU(105), RWA(65).
Entosthodon campylopodioides Müll.Hal. = *Funaria rottleri* [4800: 199; 1911: 294] (= *Entosthodon rottleri*)
Entosthodon cavifolius Mitt. ex Harv. = *Funaria succuleata* (83: 321)
Entosthodon chlorophyllosus Rehmman ex Kindb., *nom. nud.* = *Funaria rottleri* [1911: 294] (= *Entosthodon rottleri*)
- Entosthodon clavatus*** Mitt. SAF(1531,8328).
Entosthodon clavatus Mitt. ex Harv. = *Funaria rottleri* [1911: 294] (= *Entosthodon rottleri*)
- Entosthodon convexus*** (Spruce) Bruges TAN(46).
Entosthodon crassipes Rehmman ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed taxon from South Africa.
- Entosthodon curvipes*** (Müll.Hal.) Müll.Hal. CMN(47), ETH(50).
Entosthodon curvipes var. *robustior* Müll.Hal. = *Funaria robustior* (1521) (= *Entosthodon robustior*)
- Entosthodon dixonii*** Sim BOT(7973), SAF(1531,8328), ZIM(46,61,5525).
Entosthodon durieui Mont. CHA(4508), SUD(207,6314).
Entosthodon fascicularis (Hedw.) Müll.Hal. SOC(2374,5613).
Entosthodon gracilescens Müll.Hal., *hom. illeg.* = *Funaria ampliretis* [1911: 297] (= *Entosthodon limbatus*)
- Entosthodon hildebrandtii*** Müll.Hal. KEN(46), TAN(46).
Entosthodon holstii (Broth.) Paris TAN(46).
Entosthodon kadzianus Rehmman ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed taxon from South Africa.
- Entosthodon lepervanchei*** Besch. REU(105).
Entosthodon limbatus Müll.Hal. NAM(7155), SAF(1531,8328), TAN(46,1410), ZAM(46),

- ZIM(46,61).
Entosthodon longicollis Schimp. ex Paris, *nom. nud. in synon.* = *Funaria rottleri* [4250: 424] (= *Entosthodon rottleri*)
- Entosthodon marginatulus*** Müll.Hal. ex Geh. MDG(40).
Entosthodon marginatus Müll.Hal. = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)
Entosthodon marginatus var. *obtusatus* Sim = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)
- Entosthodon mauritanus*** Schimp. ex Besch. MAU(105).
Entosthodon menziesii Mitt. ex J.Shaw, *nom. nud.* Excluded: no description or specimen stated.
Entosthodon micropyxis Müll.Hal. = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)
- Entosthodon muhlenbergii*** (Turner) Fife SUD(207,6314).
Entosthodon niloticus (Delile) Schimp. = *Micropoma nilotica* [1521] (= *Physcomitrium niloticum*) Note: the type specimen (from Egypt) also includes (non-type) *Funaria nilotica*, which doesn't occur in sub-Saharan Africa.
Entosthodon nutans Mitt. = *Loiseaubryum nutans* (581)
- Entosthodon pertenellus*** (Broth.) Kis TAN(46).
Entosthodon plagiostomus (Müll.Hal.) Sim = *Funaria hygrometrica* (83: 329)
- Entosthodon pulchellus*** (Philib.) Bruges SUD(7364).
- Entosthodon renauldii*** Thér. in Renauld MDG(40).
Entosthodon rhomboideus (J.Shaw) Kindb., *nom. nud.* = *Funaria bergiana* [1911: 297] (= *Entosthodon bergianus*)
Entosthodon rivalis Geh. = *Funaria rhomboidea* (83: 237)
- Entosthodon robustior*** (Müll.Hal.) Kindb. ETH(50).
- Entosthodon rottleri*** (Schwägr.) Müll.Hal. LES(1531,4897), SAF(1531,8328), TAN(46).
- Entosthodon saharae*** (Trab.) Jelenc CHA(4508).
Entosthodon schinzii Geh. = *Funaria rhomboidea* (83: 237)
- Entosthodon spathulatus*** (Schimp. ex Müll.Hal.) Sim LES(1531,4897), SAF(1531,8328), ZIM(61).
Entosthodon submarginatus Müll.Hal. Excluded: an Asian taxon added to the African list by an error in *Index Muscorum*.
- Entosthodon subnudus*** var. ***cuspidatus*** (Broth.) Fife LES(4897).
- Entosthodon urceolatus*** Mitt. LES(4897), SAF(1531,8328), ZIM(61).
- Entosthodon usambaricus*** (Broth.) Paris TAN(46).
- Entosthodon volkensis*** (Broth.) Paris KEN(46), TAN(46), UGA(46), ZAI(65).
- Entosthodon wichurae*** M.Fleisch. UGA(46).
Entosthodon volkensis Paris, *orthogr. err.* = *Entosthodon volkensis* [1521]
Entosthymenium apiculatum Hornsch. ex Müll.Hal., *nom. nud. in synon.* = *Desmatodon convolutus* [8134: 224] (= *Tortula atrovirens*)
Entosthymenium rubellum Hornsch. ex Müll.Hal., *nom. nud. in synon.* = *Desmatodon convolutus* [8134: 224] (= *Tortula atrovirens*)
Ephemerella nervosa Dixon = *Ephemerum rehmannii* (83: 307)
Ephemerella rehmannii Müll.Hal. = *Ephemerum rehmannii* (83: 307)
Ephemerum aethiopicum Welw. & Duby = *Bryocephospora aethiopica* (1420)
- Ephemerum capense*** Müll.Hal. LES(4897), SAF(1531,8328).
Ephemerum capense Müll.Hal. = *Ephemerum serratum* [1911: 290]
- Ephemerum diversifolium*** Mitt. in Harv. SAF(1531,8328).
Ephemerum muticum (Hedw.) Hampe = *Acaulon muticum* [1521]
- Ephemerum namaquense*** Magill SAF(1531,8328).
Ephemerum nervosa (Dixon) Schelpe = *Ephemerum rehmannii* (83: 307)
- Ephemerum pechuelii*** Müll.Hal. CAF(47), NGA(334), ZAI(65).
- Ephemerum perminutum*** C.C.Towns. TAN(46).
Ephemerum piliferum J.Shaw. Excluded: the description is inadequate to place the species, and the type material (collected by McLea in Oudeberg, South Africa) has not been located [83: 309].
- Ephemerum rehmannii*** (Müll.Hal.) Broth. SAF(1531,7766,8328), ZIM(46).
- Epipterygium convalleum*** Dusén BIO(8180), CMN(47).
- Epipterygium diversifolium*** Renauld & Cardot MDG(40).
Epipterygium dusenii Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Epipterygium convalleum* [4087: 55]
- Epipterygium tozeri*** (Grev.) Lindb. CVI(2666,6453), KEN(8227), RWA(65).
Eriocladium capense (Müll.Hal.) Müll.Hal., *comb. inval.* = *Aerobryopsis capensis* [1521]
Eriocladium comorense Hampe ex Paris, *nom. nud. in synon.* = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)
Eriocladium cymatocheilos Müll.Hal., *comb. inval.* = *Aerobryopsis cymatocheilos* [1521] (= *Aerobryopsis capensis*)
Eriocladium lanosulum (Müll.Hal.) Müll.Hal., *comb. inval.* = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)

- Eriocladium lanosum* (Mitt.) Müll.Hal., *comb. inval.* = *Aerobryopsis longissima* [7718: 304]
Eriocladium longipendulum Müll.Hal. ex Dusén = *Aerobryopsis longipendula* [1521] (= *Aerobryopsis capensis*)
Eriocladium nanopteris Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed taxon from Cameroon (*Dusén* 268).
Eriocladium pseudocapense Müll.Hal., *nom. nud.* = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)
Eriocladium subpiligerum (Hampe) Müll.Hal., *comb. inval.* = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)
Eriocladium trachypterum Müll.Hal. ex Dusén = *Aerobryopsis trachyptera* [1521] (= *Aerobryopsis capensis*)
Eriopus asplenioides (Brid.) Besch. = *Calyptrochaeta asplenioides* (272)
Eriopus cristatus (Hedw.) Brid. ex Müll.Hal. = *Calyptrochaeta cristata* (1663)
Eriopus fragilis Müll.Hal. = *Calyptrochaeta asplenioides* (272: 712)
Eriopus mniaceus (Müll.Hal.) Broth. = *Calyptrochaeta asplenioides* (272: 712)
Erpodiopsis kilimandscharica Müll.Hal. = *Phascum kilimandscharicum* [1521] Excluded: see *Phascum kilimandscharicum*.
- Erpodium beccarii*** var. ***beccarii*** Müll.Hal. ex Venturi BOT(1531), ERI(50), ETH(273,3531), KEN(46,273,2661,6615,7251), MDG(40,7385), MLW(2386), NAM(1531), SAF(273,1531,8328), SOM(50), SWZ(4418), TAN(46,273,3531), UGA(7353), ZAM(46), ZIM(46,61).
- Erpodium biseriatum*** (Austin) Austin TAN(46,3531).
Erpodium ceylonicum Thwaites & Mitt. = *Erpodium biseriatum* [273]
- Erpodium coronatum*** ssp. ***transvaaliense*** (Broth. & Wager) Magill NAM(1531,7155), SAF(273,1531,8328).
- Erpodium coronatum*** var. ***coronatum*** (Hook.f. & Wilson) Mitt. BKN(47), BUR(65), CAF(47,355), CMN(47,273,1925), CON(273), GUI(47,273,1458), IVO(1458), MLI(47), MLW(2386), NGA(273,334,4314,5176), SEN(47), SUD(3076), ZAI(1410), ZAM(62).
- Erpodium distichum*** Wager & Dixon SAF(273,1531,8328).
- Erpodium glaucum*** var. ***trichophyllum*** (Aongst. ex Müll.Hal.) I.G.Stone KEN(273), MLW(2386), SAF(1531,8328), UGA(46), ZIM(46,61).
- Erpodium grossirete*** Müll.Hal. CVI(6453), MLW(2386), MOZ(46), NAM(1531), ZIM(46,61).
Erpodium grossirete Müll.Hal. Note: this taxon was shown as a synonym of *Erpodium perrottetii* by Frahm *et al.* (2666) in their paper on Cape Verde Islands, but this has not been justified, and according to the literature there are both gametophytic and sporophytic differences between the taxa.
Erpodium hanningtonii Mitt. = *Erpodium beccarii* (273)
- Erpodium holstii*** Broth. KEN(46,6615,7251), TAN(46,273).
Erpodium joannis-meyeri Müll.Hal. = *Erpodium hanningtonii* [1911: 347] (= *Erpodium beccarii*)
- Erpodium madagassum*** Paris & Renauld MDG(40,273).
Erpodium menyharthii Müll.Hal. = *Erpodium hanningtonii* [1911: 347] (= *Erpodium beccarii*)
- Erpodium perrottetii*** (Mont.) A.Jaeger & Sauerb. CVI(2666,6453), SEG(273,3487).
Erpodium pobequinii Paris & Broth. = *Erpodium coronatum* (273)
- Erpodium schimperi*** Müll.Hal. ETH(50,273).
Erpodium schweinfurthii Müll.Hal. = *Erpodium coronatum* (273)
- Erpodium theriotii*** Broth. in Corb. SEN(47,273).
Erpodium transvaaliense Broth. & Wager = *Erpodium coronatum* var. *transvaaliense* (1519)
Erythrobarbula papillinervis (Dixon & Herzog) Steere = *Didymodon papillinervis* [1521] (= *Bryoerythrophyllum recurvirostrum*)
Erythrobarbula recurvirostris (Hedw.) Steere = *Bryoerythrophyllum recurvirostrum* [1521]
Erythrodontium abruptum (C.H.Wright) Broth. = *Erythrodontium rotundifolium* [1911: 406]
- Erythrodontium barteri*** (Mitt.) Broth. ANG(46), CAF(47), CMN(47), GAB(47), GUI(47), IVO(63), NGA(47,334,5148,5176,6263), SUD(355,3076), TOG(1878).
- Erythrodontium bicolor*** A.Gepp in Hiern, *hom. illeg.* ANG(46).
- Erythrodontium cameruniae*** Müll.Hal. CMN(47), GUI(47).
Erythrodontium chalcophyllum Thér. & P.de la Varde = *Erythrodontium subjulaceum* var. *chalcophyllum* [1521]
Erythrodontium densus (Hook.) Paris = *Bryosedgwickia densa* (1521) (= *Platygyriella densa*)
- Erythrodontium engleri*** (Broth.) Paris KEN(46), MLW(67), TAN(46), UGA(46).
Erythrodontium felicis (Renauld & Cardot) Broth. ex Paris = *Entodon felicis* (1521)
- Erythrodontium julaceum*** (Hook. ex Schwägr.) Paris STH(1296).
- Erythrodontium lacoutourei*** Renauld & Cardot MDG(40).
- Erythrodontium lamoruense*** Thér. KEN(46).

- Erythrodontium perjulaceum* Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 674) from Cameroon [4250: 437]; also recorded for Guinea [47].
- Erythrodontium pobeguini* (Broth. & Paris) Broth. = *Erythrodontium barteri* [2849: 110]
- Erythrodontium rotundifolium*** (Müll.Hal.) Paris ETH(111), TAN(46), ZIM(46).
Erythrodontium schweinfurthii (Müll.Hal.) Paris = *Erythrodontium barteri* [2849: 110]
Erythrodontium setulosum Müll.Hal. ex M.Fleisch., *nom. nud. in synonym.* = *Erythrodontium subjulaceum* [1503: 217]
- Erythrodontium squarrosus*** (Hampe) Paris GUI(1458), IVO(1458), RWA(65).
- Erythrodontium subbiforme*** (Renauld & Cardot) Broth. ZAI(65).
- Erythrodontium subjulaceum*** (Müll.Hal.) Paris ANG(46), CAF(47), CMN(47), ETH(111,1927), GAB(47), GUI(47), KEN(46,7065), MLW(67), NGA(334), RWA(65), SAF(1531,8328), SUD(3076), SWZ(1531), TAN(46), TOG(2851), UGA(46), ZAI(65), ZAM(62), ZIM(61).
- Erythrodontium subjulaceum* var. *chalcophyllum*** (Thér. & P.de la Varde) P.de la Varde CAF(47).
- Erythrodontium subjulaceum* var. *impolitum*** A.Gepp in Hiern ANG(46).
Erythrodontium tenellum Broth. & Paris = *Platygyriella densa* (47: 521)
- Erythrodontium vanderystii*** Cardot ZAI(65).
Erythrophyllum papillineve Dixon & Herzog = *Bryoerythrophyllum recurvirostrum* (1157)
Erythrophyllum recurvirostre (Hedw) Loeske = *Bryoerythrophyllum recurvirostre* [1521]
Erythrophyllum rubellum (Hoffm.) Loeske = *Bryoerythrophyllum recurvirostrum* (2763: 255)
Eubryum (=Bryum) *bicolor* Müll.Hal., *hom. illeg. (non Bryum bicolor* Dicks.) = *Bryum kilimandscharicum* (1521) (= *Bryum algovicum* var. *rutheanum*)
Eubryum (=Bryum) *nanotorquescens* Müll.Hal. = *Bryum capillare* (354)
Eucatagonium aubertii Broth., *nom. illeg. incl. spec. prior.* = *Catagonium nitens* [1521]
Eucatagonium mucronatum (A.Jaeger) Broth. = *Catagonium nitens* ssp. *maritimum* [2857: 9]
Eucladium africanum Wager & Broth. in Wager, *nom. nud.* = *Anoetangium wilmsianum* [4229: 6]
Eucladium calcareum (Nees & Hornsch.) C.E.O.Jensen = *Gymnostomum calcareum* [1521]
Eucladium curvirostre C.E.O.Jensen = *Hymenostylium recurvirostre* [1521]
Eucladium recurvirostre (Hedw.) C.E.O.Jensen = *Hymenostylium recurvirostre* [1521]
- Eucladium verticillatum*** (Brid.) Bruch, Schimp. & W.Gümbel CHA(51,4480,4507), CVI(2666,6453), ETH(6137), MLI(51), MTN(6996), RWA(65), SOC(2374,5613), TAN(46), UGA(7353), ZAI(65).
Eucladium verticillatum (Brid.) Bruch, Schimp. & W.Gümbel. Note: it is possible that material of this taxon from Central and Southern Africa is incorrectly identified (Sollman, pers. comm., and Magill (82)).
- Euglossophyllum bassaeianum* Müll.Hal. ex M.Fleisch., *nom. nud.* Excluded: an undescribed collection (*Dusén* 7) from Cameroon.
- Euglossophyllum flavobrunneum* Müll.Hal. ex M.Fleisch., *nom. nud.* Excluded: an undescribed collection (*Dusén* 50) from Cameroon.
- Euglossophyllum leptotapes* M.Fleisch., *nom. nud.* Excluded: an undescribed collection (*Dusén* 67) from Cameroon.
- Eurhynchiella afrostrigosa* (Müll.Hal.) M.Fleisch. = *Rhynchostegiella zeyheri* [6568: 213]
Eurhynchiella aristatoreptans (Müll.Hal.) M.Fleisch. = *Rhynchostegiella zeyheri* [1911: 375]
Eurhynchiella decurrens P.de la Varde = *Kindbergia africana* (3747)
Eurhynchiella leptoeurhynchium (Müll.Hal.) M.Fleisch. = *Rhynchostegiella zeyheri* [1911: 375]
Eurhynchiella leskeifolia (Müll.Hal.) M.Fleisch. = *Pseudoleskea leskeoides* [1911: 383]
Eurhynchiella modesta M.Fleisch., *nom. nud.* Excluded: see *Eurhynchium modestum*.
Eurhynchiella teesdalioides M.Fleisch., *nom. nud.* = *Rhynchostegiella zeyheri* [1911: 373]
Eurhynchiella zeyheri (Schimp.) M.Fleisch. = *Rhynchostegiella zeyheri* [1521]
- Eurhynchium acicladium*** Besch. REU(105).
Eurhynchium africanum Herzog = *Kindbergia africana* (355)
Eurhynchium afromysuroides (Müll.Hal.) Paris = *Rhynchostegiella zeyheri* var. *obtusata* [1511: 376] (= *Rhynchostegiella zeyheri*)
Eurhynchium afrostriatum Müll.Hal. ex Kindb., *nom.nud.* = *Palamocladium sericeum* var. *afrostriatum* [4378: 135] (= *Palamocladium leskeoides*)
Eurhynchium afrostrigosum (Müll.Hal.) Paris = *Rhynchostegiella zeyheri* [6568: 213]
Eurhynchium afrostrigosum var. *thuiopsis* (Müll.Hal.) Paris = *Rhynchostegiella zeyheri* [6568: 213]
Eurhynchium algirianum (Schrud.) Delogne = *Rhynchostegiella tenella* [8151: 209]
Eurhynchium brevirostre Rehmann ex Geh., *nom. nud.* = *Mittenothamnium patens* [4378: 144]
Eurhynchium cavifolium Rehmann ex Kindb., *nom. nud.* = *Mittenothamnium cavifolium* [1521] (= *Chryso-hypnum cavifolium*)
Eurhynchium crassicostatum Dixon, *nom. nud.* = *Rigodium crassicostatum* [1521] (= *Kindbergia praelonga*)
Eurhynchium faucinum Müll.Hal. ex Dixon & A.Gepp, *nom. nud. in synonym.* = *Rhynchostegiella zeyheri* [4378: 140]
Eurhynchium faucinum Müll.Hal. ex Paris, *nom. nud. in synonym.* = *Rhynchostegiella zeyheri* [6568: 213]
- Eurhynchium hians*** (Hedw.) Sande Lac. CMN(47), ETH(1927), IVO(44), KEN(46),

- REU(8028), TAN(46), UGA(46).
- Eurhynchium jovet-astii*** (Bizot) Ochyra ETH(1927).
Eurhynchium macleani Rehmman ex Kindb., *nom. nud. orthogr.* = *Eurhynchium macleanum* [1521]. Excluded: see *Eurhynchium macleanum*.
Eurhynchium macleanum Rehmman ex Dixon & A.Gepp., *nom. nud.* Excluded: an undescribed taxon from Transvaal, South Africa.
- Eurhynchium meridionale*** Bruch, Schimp. & W.Gümbel CVI(2666).
Eurhynchium modestum Rehmman ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed taxon from Stinkwater, South Africa.
Eurhynchium muelleri Rehmman ex Geh. = *Rhynchostegiella zeyheri* [6568: 213]
Eurhynchium ovalifolium Paris, *nom. nud. orthogr.* = *Eurhynchium ovalifolium* [1521] Excluded: see *Eurhynchium ovalifolium*.
Eurhynchium ovalifolium Rehmman ex Kindb., *nom. nud.* Excluded: an undescribed taxon from Transvaal, South Africa.
- Eurhynchium peyronelii*** (Tosco & Piovano) Ochyra ETH(50,1927), KEN(46).
Eurhynchium populeum (Hedw.) Kindb. = *Brachythecium populeum* [1521]
Eurhynchium praelongum ssp. *swartzii* (Turner) Kindb. = *Oxyrrhynchium swartzii* [1521] (= *Eurhynchium hians*)
Eurhynchium praelongum var. *praelongum* Bruch, Schimp. & W.Gümbel = *Kindbergia praelonga* var. *praelonga* (1640)
Eurhynchium praelongum var. *stokesii* (Turner) Dixon = *Kindbergia praelonga* var. *stokesii* (1640)
Eurhynchium riparioides (Hedw.) P.W.Richards = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)
Eurhynchium rusciforme Milde, *nom. illeg. incl. spec. prior.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)
Eurhynchium shawii Rehmman ex Kindb., *nom. nud.* = *Mittenothamnium horridulum* [1911: 218]
- Eurhynchium speciosum*** (Brid.) Jur. CHA(4534,4565), CVI(2666).
- Eurhynchium spiculosum*** (Mitt.) A.Jaeger BIO(3414), CMN(47), NGA(5176).
Eurhynchium spinulaenerve Kiaer ex C.H.Wright, *nom. nud.* Excluded: no specimen or description available.
- Eurhynchium spinulinerve*** Kiaer ex Cardot MDG(40), REU(8028).
Eurhynchium spinulinerve Kiaer ex Cardot in Grandid. Excluded: no specimen or description available.
- Eurhynchium sprengelii*** (Müll.Hal.) A.Jaeger SAF(4779).
Eurhynchium stokesii Turner = *Eurhynchium praelongum* var. *stokesii* (1521) (= *Kindbergia praelonga* var. *stokesii*)
Eurhynchium stokesii var. *congoanum* Thér. = *Kindbergia praelonga* var. *congoana* [1640: 54]
Eurhynchium stokesii var. *teneriffae* Renaud & Cardot = *Eurhynchium praelongum* (1295) (= *Kindbergia praelonga* var. *praelonga*)
- Eurhynchium striatum*** (Hedw.) Schimp. MDG(40).
Eurhynchium subsquarrosulum A.Jaeger ex Paris, *nom. illeg. orthogr.* = *Eurhynchium subsquarrosulum* [1521]
- Eurhynchium subsquarrosulum*** (Hampe ex Müll.Hal.) A.Jaeger SAF(243).
Eurhynchium swartzii (Turner) Curn. ex Rabenh. = *Oxyrrhynchium swartzii* [1521] (= *Eurhynchium hians*)
Eurhynchium teesdaleoides Schimp. ex A.Jaeger = *Rhynchostegiella zeyheri* [1911: 373]
Eurhynchium tenellum (Dicks.) Mild. = *Rhynchostegiella tenella* [1521]
- Eurhynchium tenuivagum*** (Müll.Hal. ex Broth.) W.R.Buck CAF(47), CMN(47), KEN(46), UGA(46).
Eurhynchium thuiopsis Müll.Hal. ex Paris, *nom. nud. in synon.* = *Rhynchostegiella zeyheri* [6569: 213]
Eustichia africana (Müll.Hal.) Paris = *Eustichia longirostris* (83: 399)
- Eustichia longirostris*** (Brid.) Brid. LES(1531), MDG(40), REU(105), SAF(1531,4897,7766,8328).
- Fabronia abyssinica*** Müll.Hal. DJI(1569), ERI(50), ETH(50), KEN(46,2661), LES(4897), MLW(6087), SAF(1531,3411,4897,8328), SUD(1419,3076), TAN(46), ZAI(65), ZAM(46), ZIM(46).
Fabronia angolensis var. *acuminata* A.Gepp in Hiern. Note: this is a validly published taxon, but the name has not been used; its owning species is treated as *Fabronia pilifera*.
Fabronia angolensis Welw. & Duby = *Fabronia pilifera* [1911: 363]
Fabronia aureonitens Rehmman ex Kindb., *nom. nud.* = *Fabronia abyssinica* [1911: 363]
- Fabronia bizotii*** Pócs BIO(8180), CMN(47), UGA(5696).
- Fabronia breutelii*** Hampe in Müll.Hal. SAF(1531,8328).
Fabronia bruchiana Hampe ex Müll.Hal., *nom. nud. in synon.* = *Fabronia abyssinica* [1506: 36]
Fabronia cameruniae Müll.Hal. ex Dusén = *Schwetschkea brotheri* [10: 905]
- Fabronia camponii*** Renaud & Cardot MDG(40).
Fabronia capensis Rehmman ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed collection (*Rehmman s.n.*) from Rondebosh, South Africa [6568: 212]
- Fabronia claviramea*** Broth. in Mildbr. RWA(65).
Fabronia condensata Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection from Ethiopia [50: 237].
- Fabronia congolensis*** Cardot KEN(2661), TAN(46), ZAI(65).

Fabronia crassiretis Renaud & Cardot CMN(47), MDG(40).*Fabronia curvirostris* Hampe ex Müll.Hal., *nom. nud. in synon.* = *Fabronia abyssinica* [1506: 36]*Fabronia densifolia* Rehmann ex Geh., *nom. nud.* = *Fabronia abyssinica* [1911: 363]*Fabronia dusenii* Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Rhizofabronia sphaerocarpa* [4087: 53]***Fabronia eckloniana*** Hampe in Müll.Hal. SAF(1531,8328).*Fabronia ecklonii* Hampe ex Kindb., *nom. illeg. incl. spec. prior.* = *Fabronia eckloniana* [1521]***Fabronia fastigiata*** Renaud & Cardot MDG(40).***Fabronia fastigiata*** var. *asperula* Renaud & Paris MDG(40).*Fabronia flavescens* (Hook.) Paris = *Campylodontium flavescens* [1521] (= *Mesonodon flavescens*)***Fabronia garnieri*** (Paris & Renaud) Renaud & Paris MDG(40).***Fabronia goetzei*** Broth. TAN(46,259).*Fabronia grandifolia* Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Schwetschkea brotheri* [10: 905]***Fabronia gueinzii*** Hampe SAF(1531,8328), TAN(259).*Fabronia hypnoides* Rehmann ex Kindb., *nom. nud.* = *Fabronia gueinzii* [1911: 361]*Fabronia jungermannii* Brid., *nom. illeg. incl. spec. prior.* = *Rhizofabronia persoonii* var. *persoonii* (40: 234)***Fabronia lachenaudii*** Renaud MDG(40).*Fabronia lachenaudii* var. *brevifolia* Renaud, *nom. nud.* = *Fabronia lachenaudii* (40: 234)***Fabronia lachenaudii*** var. *nairobiensis* Thér. & P.de la Varde CAF(47), KEN(46).***Fabronia leikipiae*** Müll.Hal. CVI(2666), KEN(46,3412,6614,7251), MLW(6087),

NGA(4314,5176), SAF(1531,8328), TAN(46,259), UGA(5696), ZAM(62), ZIM(46).

Fabronia longipila Broth. KEN(46), TAN(46), UGA(46), ZAM(46).***Fabronia longipila*** var. *gracilis* Broth. TAN(46).*Fabronia macowaniana* Müll.Hal. = *Fabronia rehmannii* [1911: 362]***Fabronia motelayi*** Renaud & Cardot MDG(40).***Fabronia niarniamiae*** Müll.Hal. SUD(3076).*Fabronia octoblepharis* mutsp. *pusilla* (Raddi) Cortés., *comb. inval.* = *Fabronia pusilla* [1521]*Fabronia octoblepharis* ssp. *pusilla* (Raddi) Kindb., *nom. illeg. prior. ut spec.* = *Fabronia pusilla* [1521]*Fabronia octoblepharis* var. *pusilla* (Raddi) Mach., *nom. illeg. prior. ut spec.* = *Fabronia pusilla* [1521]*Fabronia oraniae* Rehmann ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed collection (*Rehmann s.n.*) from Bloemfontein, South Africa [6568: 212].***Fabronia perciliata*** Müll.Hal. NAM(6798,7155), SAF(1531,3411,8328).*Fabronia perciliata* Müll.Hal. Note: this is treated as a synonym of *Fabronia abyssinica* by Sim [1911: 363], but accepted as a good species by later authors, e.g. [1531: 41]; awaiting revision.*Fabronia perpilosa* Broth. in Mildbr. = *Rhizofabronia perpilosa* [11:285]*Fabronia persoonii* Schwägr. = *Rhizofabronia persoonii* var. *persoonii* [2737: 1718]***Fabronia pilifera*** Hornsch. ANG(46), BKN(47), BOT(1531), CAF(47,355), ETH(50),

KEN(46,6614), LES(1531,4897), MLW(67,6087), MOZ(357), REU(8028),

SAF(1531,3411,7766,8328), SWZ(1531), TAN(46), TOG(2851), UGA(46), ZAI(65),

ZAM(46,62), ZIM(46).

Fabronia pobeguini Broth. & Paris CAF(47), GUI(47).***Fabronia pobeguini*** var. *subintegrifolia* Paris GUI(47).***Fabronia pocsii*** Bizot ETH(1886).*Fabronia pocsii* var. *cameruniae* Bizot = *Fabronia bizotii* (108)***Fabronia pusilla*** Raddi CHA(4507).***Fabronia rehmannii*** Müll.Hal. ERI(50), MLW(67), SAF(1531,7766,8328), SWZ(1531), ZIM(46).*Fabronia rehmannii* var. *julacea* Rehmann ex Sim. Note: Sim suggests that this variety may be the same as *Fabronia macowaniana* (= *Fabronia rehmannii*) [1911: 362].*Fabronia robusta* Müll.Hal., *nom. nud. in synon.* = *Ischyrodon seriolus* [1521] (= *Juratzkea incisa*)*Fabronia schimperiana* Hampe ex A.Jaeger, *hom. illeg.* = *Fissidens abyssinica* [1506: 36]*Fabronia schweinfurthii* Müll.Hal. = *Fabronia abyssinica* [1911: 213]*Fabronia seriola* Müll.Hal. = *Ischyrodon seriolus* [1521]***Fabronia socotrana*** Mitt. SOC(40,2374,5613).*Fabronia sphaerocarpa* Dusén = *Rhizofabronia sphaerocarpa* (1521) (= *Rhizofabronia persoonii* var. *sphaerocarpa*)*Fabronia transvaaliensis* Müll.Hal. = *Fabronia pilifera* [1911: 363]***Fabronia trichophora*** Cardot ANG(46).***Fabronia trichophylla*** Müll.Hal. ERI(50).*Fabronia vallis-gratae* Hampe ex Müll.Hal. = *Fabronia abyssinica* [4800: 213]*Fabronia vallis-gratae* var. *garnieri* Paris & Renaud. = *Fabronia garnieri* [1521]

- Fabronia victoriae*** Dixon SAF(1531,8328), ZIM(46).
- Fabronia villaumii*** Renauld & Cardot MDG(40).
- Fabronia wageri*** Dixon SAF(1531,8328).
Felipponea assimilis (Müll.Hal.) O'Shea = *Pterogoniadelphus assimilis* [7749]
Fissidens acanthophyllus P.de la Varde = *Fissidens smiloides* (1749) (= *Fissidens beckettii*)
- Fissidens aciphyllus*** Dixon SAF(1531,8328).
Fissidens aegrotus Bizot = *Fissidens asplenioides* var. *aegrotus* (1748)
Fissidens africanus (Hedw.) Brid. = *Grimmia pulvinata* var. *africana* [1521] (= *Grimmia pulvinata*)
Fissidens africanus Paris, *hom. illeg.* = *Fissidens centrafricanus* (47: 475) (= *Fissidens intramarginatus*)
Fissidens afroasplenioides Müll.Hal. ex Kindb., *nom. nud.* Excluded: no specimen or description.
- Fissidens afropapillosus*** P.de la Varde KEN(46).
Fissidens ake-assii Bizot & Dury in Bizot = *Fissidens intramarginatus* (3212)
Fissidens alatus P.de la Varde = *Fissidens megalotis* subsp. *helictocaulos* (3212)
Fissidens algarvicus Solms = *Fissidens curvatus* (2476)
- Fissidens allorgei*** P.de la Varde CVI(2666,6453).
- Fissidens alomoides*** Müll.Hal. ex Dusén CAF(47), CMN(47), GUI(47), IVO(47,1880), SIE(47).
Fissidens ambiguus Bizot ex Pócs = *Fissidens intramarginatus* [90: 147]
Fissidens amblyophyllus Müll.Hal. = *Fissidens asplenioides* [90: 142]
Fissidens amphibius (Müll.Hal.) Broth. = *Fissidens crispulus* [3212]
- Fissidens androgynus*** Bruch ex C.Krauss ANG(46), BIO(2662), CAF(47,1749), CMN(47), CVI(2666,6453), ETH(50), GAB(47), GHA(47), GUI(47), IVO(63,1880), KEN(46,6615), LES(1531), MAS(40), MLW(67,6087), NGA(47,334), RWA(65), SAF(1531,7766,8328), TAN(46), UGA(46,8223), ZAI(65,5319), ZIM(46).
Fissidens androgynus Bruch ex C.Krauss. Note: this taxon was previously treated as a synonym of *Fissidens bryoides* var. *bryoides* (82), but is now considered a distinct taxon (6087: 17).
Fissidens angolensis Welw. & Duby in Duby = *Fissidens ramulosus* (3212)
Fissidens angustifolius Schimp. ex E.S.Salmon, *nom. nud. in synon.* = *Fissidens ovatus* var. *planifolius* [7602: 125] (= *Fissidens planifrons*)
- Fissidens angustifolius*** Sull. CAF(3212), NGA(5176), TOG(58), UGA(7353,8223).
Fissidens angustinervis Thér. = *Fissidens curvatus* var. *curvatus* (3212)
Fissidens aoristoloma P.de la Varde = *Fissidens borgenii* [90: 146]
Fissidens arbogastii Renauld & Cardot = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens arboreus Broth. = *Fissidens oblongifolius* (1748)
Fissidens arenivagus P.de la Varde = *Fissidens sciophyllus* fo. *ulna* (1886)
- Fissidens argyroloma*** P.de la Varde GAB(47).
Fissidens aristatus Sim, *hom. illeg.* = *Fissidens simii* (53: 23) (= *Fissidens beckettii*)
Fissidens arnellii P.de la Varde = *Fissidens splachnifolius* (82: 44)
- Fissidens arnoldii*** R.Ruthe SUD(207).
- Fissidens artsii*** Brugg.-Nann. REU(7957).
- Fissidens asplenioides*** Hedw. BIO(8180), CMN(47), COM(40,105), EQG(47), ETH(111), GUI(47), KEN(46,6615,7065), MDG(40), MLW(67,6087), REU(105), RWA(65), SAF(1531,4897,7766,8328), TAN(46), UGA(46,2097,8223), ZAI(65,5319), ZAM(62), ZIM(46).
- Fissidens asplenioides*** var. *aegrotus* (Bizot) Brugg.-Nann., Pursell & Z.Iwats. TAN(46).
Fissidens asplenioides var. *capensis* Brid., *nom. nud. in synon.* = *Fissidens thunbergii* [5362: 191] (= *Fissidens ovatus*)
- Fissidens asselii*** Bizot CAF(47,109,1749).
- Fissidens atroviridis*** Besch. COM(40), MAU(105), MDG(40), TAN(46), ZAM(46).
Fissidens austro-africanus Paris, *nom. nud.* = *Fissidens sciophyllus* fo. *sciophyllus* [3212]
Fissidens badoglioi Tongiorgi = *Fissidens megalotis* subsp. *helictocaulos* (3212)
Fissidens bambariensis P.de la Varde = *Fissidens desertorum* (1749)
Fissidens basicarpus Müll.Hal. = *Fissidens intramarginatus* (3212)
- Fissidens beckettii*** Mitt. CAF(47,1749), SAF(1531,4670,8328), TAN(46), UGA(8223), ZIM(61).
Fissidens bessonensis Corb. = *Fissidens bessouensis* [2849: 20]
- Fissidens bessouensis*** Corb. CAF(47,85), IVO(85), SIE(47), ZAI(65,85,1552).
Fissidens bifrons Schimp. ex Müll.Hal. = *Fissidens pygmaeus* (82: 57)
- Fissidens bistratosus*** Brugg.-Nann. SEY(4750).
Fissidens bocarangensis P.de la Varde = *Fissidens flaccidus* (3212)

Fissidens bogosicus Müll.Hal. in Venturi BOT(1531), CVI(2666), ERI(50), ETH(50,1927), KEN(46,7065), LES(1531), MDG(40), MLW(6087), SAF(1531,8328), TAN(46), UGA(7353,8223), ZAI(65), ZAM(46,62), ZIM(46,61,3212).

Fissidens boivinianus var. *boivinianus* Besch. = *Fissidens asplenioides* (1748)

Fissidens boivinianus* var. *longifolius Besch. MAS(40), TAN(46).

Fissidens boivinianus var. *major* Paris, *nom. nud.* = *Fissidens boivinianus* var. *major* [1521] (= *Fissidens asplenioides*)
Fissidens boivinianus vars. Note: *Fissidens boivinianus* has been made a synonym of *Fissidens asplenioides*; the varieties are also in need of revision.

Fissidens boivinii Kindb., *nom. illeg. incl. spec. prior.* = *Fissidens boivinianus* [1521] (= *Fissidens asplenioides*)

Fissidens boivinii var. *major* Renault & Cardot in Renault, *nom. nud.* = *Fissidens boivinianus* var. *major* [1521] (= *Fissidens asplenioides*)

Fissidens bonnotii Bizot = *Fissidens ramulosus* (3212)

Fissidens borgenii Hampe BIO(8180), BKN(47), CAF(47,1749), CHA(90), CMN(47), CON(47), GAB(47), IVO(1880), KEN(6615), LBR(47), MDG(90), MOZ(46), NGA(47,334,5148,5176), RWA(65), SAF(1531,4897,8328), SIE(47,3216), TAN(46), ZAI(65,5319), ZIM(46).

Fissidens borgenii Hampe. Note: collections of this taxon cited for Uganda (4282) were misidentified (Bruggeman-Nannenga, *pers. comm.*) and have been transferred to *Fissidens sciophyllus* fo. *sciophyllus*.

Fissidens borgenii var. *obtusifolius* Broth. & Dixon = *Fissidens subobtusatus* (82: 59) (= *Fissidens sciophyllus* fo. *sciophyllus*)

Fissidens boryanus Besch. = *Fissidens plumosus* (4005)

Fissidens boryi Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Fissidens boryanus* [1521] (= *Fissidens plumosus*)

Fissidens brachycaulon Broth. in Mildbr. = *Fissidens zollingeri* (3212)

Fissidens brenanii P.de la Varde = *Fissidens submarginatus* (3212)

Fissidens breuelii Schimp. ex Müll.Hal. = *Fissidens marginatus* (82: 48) (= *Fissidens rufescens*)

Fissidens brevifrons Mitt. REU(105,109), ROD(105).

Fissidens brevisetus Sim = *Fissidens scleromitrius* (7181: 21)

Fissidens brotheri Paris = *Fissidens angustifolius* (3212)

Fissidens brunthaleri Broth. = *Fissidens ramulosus* (3212)

Fissidens brunthaleri* var. *filipes Dixon & P.de la Varde CAF(47).

Fissidens bryoides ssp. *impar* (Mitt.) P.de la Varde = *Fissidens bryoides* ssp. *viridulus* [4926: 79] (= *Fissidens viridulus* var. *viridulus*)

Fissidens bryoides ssp. *incurvus* (Starke ex Roehl.) Bertsch = *Fissidens bryoides* [2185]. Note: see *Fissidens bryoides* var. *bryoides*.

Fissidens bryoides ssp. *viridulus* (Sw.) Kindb. See *Fissidens viridulus* var. *viridulus*.

Fissidens bryoides var. *bryoides* Hedw. Note: all material given this name in Africa should be considered as *Fissidens androgynus* [6087: 17].

Fissidens bryoides var. *capensis* Hornsch. = *Fissidens rufescens* [1911: 198]

Fissidens bryoides var. *crispulus* (Brid.) Wijk & Margad. = *Fissidens crispulus* (3212)

Fissidens bryoides var. *impar* (Mitt.) Joerg. = *Fissidens bryoides* ssp. *viridulus* (Sw.) Kindb. [4926: 79] (= *Fissidens viridulus* var. *viridulus*)

Fissidens bryoides var. *incurvus* (Stark ex Röhl) Hueb. = *Fissidens bryoides* [2184: 39]. Note: see *Fissidens bryoides* var. *bryoides*.

Fissidens bryoides* var. *longifolius (Brid.) Hampe MAS(40).

Fissidens bryoides var. *rivularis* Spruce = *Fissidens rivularis* [1521]. Excluded: although reported in Index Muscorum, no records were found from sub-Saharan Africa.

Fissidens bryoides var. *viridulus* (Sw.) Broth. Note: see *Fissidens viridulus* var. *viridulus*.

Fissidens bryum Müll.Hal. ex Dusén = *Fissidens metzgeria* (3212)

Fissidens bryum* var. *terrestris P.de la Varde GAB(47).

Fissidens bryum var. *terrestris* P.de la Varde. Note: Bruggeman-Nannenga (3212) synonymises *Fissidens bryum* with *Fissidens metzgeria*, but does not mention this variety.

Fissidens buettneri Broth. = *Fissidens submarginatus* (3212)

Fissidens bukobensis Broth. in Mildbr. = *Fissidens intramarginatus* [90: 146]

Fissidens büttneri Broth. = *Fissidens buettneri* [1521] (= *Fissidens submarginatus*)

Fissidens cadetii Bizot *nom. inval.* = *Fissidens brevifrons* (3212)

Fissidens calabarica Müll.Hal. ex Dusén. = *Fissidens laxus* [90: 144]

Fissidens calcicolus Müll.Hal. = *Fissidens megalotis* subsp. *helictocaulos* (3212)

Fissidens calochlorus Dixon = *Fissidens bogosicus* Müll.Hal. (3212)

Fissidens caloglottis Müll.Hal. = *Fissidens asplenioides* (1748)

Fissidens cameruniae Müll.Hal. = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)

Fissidens canariensis (Brid.) Lindb. Excluded: although reported in Index Muscorum, no records were found from sub-Saharan Africa.

Fissidens capensis (Müll.Hal.) Broth. = *Fissidens fontanus* [82: 68] (= *Fissidens palmifolius*) Note: see under *Fissidens fontanus*.

Fissidens capriviensis Magill NAM(1531,7155).

Fissidens casamancae Cardot = *Fissidens intramarginatus* (3212)
Fissidens cataractarum Demaret & P.de la Varde = *Fissidens hoeegii* (3212)
Fissidens cellululosus Mitt. = *Fissidens atroviridis* (74: 238)
Fissidens centrafricanus Bizot = *Fissidens intramarginatus* (3212)

Fissidens ceylonensis Dozy & Molk. CGS(5699,8220), SEY(4,1926,2030,2353,4750).

Fissidens chevalieri Corb. = *Fissidens usambaricus* (3212)
Fissidens chioneuros Müll.Hal. = *Fissidens helenicus* (4625: 18) Note: previously shown in error as (1854).
Fissidens chryseoneuros Müll.Hal., *nom. nud.* Excluded: specimen and description unknown.
Fissidens circinatulus Paris, *hom. illeg.* = *Fissidens centrafricanus* (47: 475) (= *Fissidens intramarginatus*)
Fissidens circinicaulis Cardot = *Fissidens glauculus* var. *circinicaulis* [1521]

Fissidens comorensis Müll.Hal. COM(40), MAS(40), MDG(40), NGA(334), TAN(46).

Fissidens comorensis var. *acuminatus* Besch. = *Fissidens ramulosus* (3212)
Fissidens comorensis var. *sordidus* Renault & Cardot = *Fissidens sciophyllus* fo. *sciophyllus* (3212)
Fissidens congolensis Renault & Cardot = *Fissidens intramarginatus* (3212)
Fissidens coriaceifolius Müll.Hal. ex Dusén = *Fissidens zippelianus* [2737: 44] (= *Fissidens crispulus*)
Fissidens corrugatulus Dixon = *Fissidens somaliae* (3212)

Fissidens crassipes ssp. *warnstorffii* (M.Fleisch.) Brugg.-Nann. TAN(46), ZAM(46), ZIM(46,61).

Fissidens crassipes var. *philibertii* Besch. = *Fissidens crassipes* ssp. *warnstorffii* (1898)
Fissidens crassipes var. *rufipes* Schimp. Excluded: although reported in *Index Muscorum*, no records were found from sub-Saharan Africa.
Fissidens crassipes Wilson ex Bruch & Schimp. Excluded: no records found for sub-Saharan Africa.
Fissidens crateris Dixon = *Fissidens bryoides* [90: 143]
Fissidens crateris var. *sererekae* Dixon = *Fissidens bryoides* [90: 143]
Fissidens cremersii Bizot & Onr. = *Fissidens laxus* [90: 145]
Fissidens crispans Schimp. ex E.S.Salmon, *nom.nud. in synon.* Excluded: *Index Muscorum* (*fide* Salmon) says that the type specimen is a mixture of *Fissidens aequalis* E.S.Salmon (altered later to *Fissidens repandus* Wilson) (neither species known in Africa) and *Fissidens rufescens* Hornsch. (only known from Africa); however, Salmon [7602: 121] states that he was unable to identify the African specimen.
Fissidens crispatulus Renault & Cardot = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens crispatus Brid., *nom. inval. in synon. err.* = *Fissidens crispulus* [1521] Note: see *Fissidens crispulus*.
Fissidens crispifolius Broth. & P.de la Varde in P.de la Varde = *Fissidens sciophyllus* fo. *sciophyllus* (3212)
Fissidens crispopachyloma Dixon = *Fissidens leucocinctus* [90: 143]

Fissidens crispulus Brid. BIO(47,2662), CAF(47,1749), CHA(4507,4508,4527,4534,4565), CMN(47), COM(40), ERI(50), ETH(50), GAB(47), IVO(63,1458), KEN(46), MAU(105), MDG(40), MLW(67,6087), NGA(47,334,5148,5176), REU(3212), RIM(4639), ROD(105), RWA(46), SEY(1926,2353,4750), SIE(47,3216), SUD(76,3076), TAN(46), TOG(1878,2851), ZAI(65,1552,7863), ZAM(46), ZIM(61).

Fissidens crispulus Brid. Note: collections from Uganda allocated to *Fissidens sylvaticus* by Kis (46) were transferred to this taxon (see note under *Fissidens sylvaticus*). However, all Uganda specimens were *Fissidens asplenoides* (Bruggeman-Nannenga, *pers. comm.*).

Fissidens cryptarum Müll.Hal. SUD(3076).***Fissidens cryptoneuron*** P.de la Varde CAF(47), GUI(47), KEN(2476), MDG(40), TAN(2476), UGA(46,8223), ZAI(2476,5319), ZAM(46).***Fissidens curvatus*** var. *curvatus* Hornsch. LES(4897), MDG(40), MLW(6087), SAF(1531,7766,8328), SWZ(1531), TAN(46), UGA(7353,8223), ZIM(46,61).***Fissidens curvatus*** var. *pachyloma* (Müll.Hal.) Brugg.-Nann. ETH(50).

Fissidens curvifolius Mitt. = *Fissidens crispulus* (3212)
Fissidens cuspidatus Müll.Hal. = *Fissidens curvatus* (82: 51)
Fissidens cuspidatus var. *angustifolius* Müll.Hal. Note: this validly published variety from South Africa [5845: 588] has been ignored, and it may have been treated as a synonym of *Fissidens curvatus*, along with its owning species.

Fissidens cuynetii Bizot ex Pócs UGA(46,8223).

Fissidens cymatophyllus Müll.Hal. = *Fissidens glaucescens* [6568: 209; 82: 62] (= *Fissidens ovatus*)

Fissidens danckelmannii Müll.Hal. CVI(2666,6453), RIM(47).***Fissidens darntyi*** Schimp. CMN(47), IVO(1880), MAU(105), MDG(40), REU(105), TAN(46).

Fissidens darntyi Schimp. ex Renault, *nom. illeg. err.* = *Fissidens darntyi* [1521]
Fissidens dasyphus Welw. & Duby = *Fissidens weirii* (2476)
Fissidens debilis Schwägr. = *Fissidens fontanus* [2584: 44] (= *Fissidens palmifolius*)
Fissidens decaryi Bizot = *Fissidens intramarginatus* (3212)

Fissidens dendeliensis Paris & Broth. CMN(47), GAB(47), GUI(47), NGA(334).

- Fissidens denticulatus* Leyss. = *Plagiothecium denticulatum* [1521] Note: see under *Plagiothecium denticulatum*.
- Fissidens desertorum*** (Müll.Hal.) Paris CAF(47,1749), NGA(47,5148), NGR(79), SUD(3076), TAN(46), TOG(1878), ZAI(65).
Fissidens deslooveri Bizot. = *Fissidens intramarginatus* [90: 146]
- Fissidens diaphanodontus*** (P.de la Varde) Bizot CAF(47), TAN(46).
- Fissidens diaphanus*** Bizot CAF(47,1749), CMN(47), IVO(1880), NGA(47).
Fissidens dicranelloides Broth. & Paris = *Fissidens glauculus* [5041: 207] (= *Fissidens weirii*)
Fissidens disperans Cardot ex Wijk & Margad. = *Fissidens disperans* [1521] (= *Fissidens laxus*)
Fissidens dispersus Cardot = *Fissidens laxus* [90: 145]
Fissidens dornbyi Schimp. ex Müll.Hal., *nom. nud. err.* = *Fissidens darntyi* [1521]
Fissidens dubiosus Dixon = *Fissidens leucocinctus* (3212)
Fissidens dubiosus var. *fluitans* P.de la Varde = *Fissidens leucocinctus* (3212)
Fissidens dubyanus A.Jaeger = *Fissidens zollingeri* (3212)
Fissidens dubyi A.Jaeger ex Kindb., *nom. illeg. incl. spec. prior* = *Fissidens dubyanus* [1521] (= *Fissidens zollingeri*)
- Fissidens dummerii*** (Dixon) Pursell & W.D.Reese UGA(72).
Fissidens dupuisii Renaud & Cardot = *Fissidens glauculus* var. *dupuisii* [1521] (= *Fissidens weirii*)
Fissidens durus Paris & Broth. ex Paris = *Fissidens intramarginatus* (3212)
Fissidens dusenii Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Fissidens fluminalis* [1521] (= *Fissidens ovatus*)
Fissidens eckendorffii P.de la Varde = *Fissidens erosulus* (3212)
Fissidens eckloni Schimp. ex Salmon, *nom. nud. in synon.* = *Fissidens cuspidatus* [1911: 197] (= *Fissidens curvatus*)
Fissidens eenii Bizot = *Fissidens papillosus* (580)
- Fissidens ellipticus*** Besch. CAF(47), CMN(47), GAB(47), MDG(40), MLW(67,6087), NGA(47,5148), REU(105), SAO(47,109), TAN(46,109).
- Fissidens enervis*** Sim BIO(2662), CAF(47), KEN(2661,6615), MLW(6087), SAF(1531,8328), TAN(46), UGA(4282,8223), ZAI(65), ZAM(46), ZIM(61).
Fissidens enervis var. *hedbergii* (P.de la Varde) Bizot in Bizot & Pócs = *Fissidens enervis* (3212)
Fissidens ensifolius P.de la Varde, *hom. illeg.* = *Fissidens flaccidus* (3212)
Fissidens erikssonii E.B.Bartram = *Fissidens pellucidus* (4750)
- Fissidens erosulus*** (Müll.Hal.) Paris BOT(1531), CAF(47,1749), CMN(47), LES(1635), MOZ(46), NGA(334), SAF(1531,8328), SUD(3076), SWZ(1531), UGA(46), ZAM(62), ZIM(46).
Fissidens eschowensis Broth. & Bryhn = *Fissidens submarginatus* (82: 54)
Fissidens euryloma Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
- Fissidens euryloma*** P.de la Varde GAB(47).
Fissidens eustichium Rehmann ex Geh. = *Diplostichium africanum* [1911: 287] (= *Eustichia longirostris*)
Fissidens exasperatus Renaud & Cardot = *Fissidens papillosus* Sande Lac (76)
Fissidens falcifolius Schwaegr. = *Drepanophyllum falcifolium* [1521] Excluded: see note under *Drepanophyllum falcifolium*.
Fissidens fallaciosus P.de la Varde ex Bizot, *hom. illeg.* = *Fissidens diaphanus* (47: 476)
- Fissidens fasciculatus*** Hornsch. SAF(1531,7766,8328).
Fissidens ferrugineus Müll.Hal. = *Fissidens intramarginatus* (3212)
Fissidens ferrugineus var. *pallidus* Thér. = *Fissidens intramarginatus* (3212)
Fissidens filicicola Paris & Broth. ex Paris = *Fissidens sciophyllum* fo. *sciophyllum* (3212)
- Fissidens flaccidus*** Mitt. CAF(47), CVI(2666,6453), NGA(47,334), ROD(105), SEY(4750), SIE(3216), SOC(7529), UGA(7353,8223), ZIM(61).
Fissidens flavescens Hornsch. ex Müll.Hal., *nom. nud.* Excluded: no specimen stated.
Fissidens flavolimbatus Besch. = *Fissidens intramarginatus* [90: 146]
Fissidens fluminalis Dusén = *Fissidens ovatus* (3212)
- Fissidens fontanus*** (Bach.Pyl.) Steud. CHA(85,4508).
Fissidens fontanus (Bach.Pyl.) Steud. Note: in earlier versions of this list, *Fissidens fontanus* was shown as a synonym of *Fissidens palmifolius*, as all collections named *Fissidens fontanus* (\equiv *Octodicerias fontanum*) from eastern and southern Africa belonged to that species (85) - although true *Fissidens fontanus* occurs in our area in Chad, and also further north in Africa.
Fissidens fouta-djallonii Paris = *Fissidens gardneri* (1470: 627)
Fissidens foveolatus Cardot = *Fissidens intramarginatus* (3212)
Fissidens fremyi P.de la Varde = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens fulcifolius Schwaegr. ex Hornsch., *nom. inval. in synon. err.* = *Fissidens falcifolius* [1521] Excluded: see note under *Drepanophyllum falcifolium*.
Fissidens fuscolutescens Cardot = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens gabonensis Broth. & P.de la Varde in P.de la Varde = *Fissidens intramarginatus* (3212)
- Fissidens gardneri*** Mitt. CAF(47,1749), GUI(47), IVO(63,4928), MLW(6087), MOZ(3212), NGA(47,334,5148), SEN(47), TAN(46), TOG(1878).

- Fissidens ghanæ* Bizot = *Fissidens laxus* [90: 145]
Fissidens gibbonii Bizot ex Pócs = *Fissidens intramarginatus* [90: 146]
Fissidens girodii (Renauld & Cardot) P.Syd. = *Hyophila girodii* [1521] (= *Barbula indica*)
- Fissidens gladiolus* Mitt.** CAF(47,1749,2097), GAB(47,2097), NGA(47,334,5148,5176), SAF(1531,8328), TAN(46), UGA(46,2097,8223).
Fissidens glaucescens Hornsch. = *Fissidens ovatus* (3212)
Fissidens glaucescens var. *crispulus* Rehm ex Paris, *nom.nud. in synonym.* = *Fissidens glaucescens* [1911: 201] (= *Fissidens ovatus*)
Fissidens glaucescens var. *crispus* Müll.Hal. ex Paris, *nom.nud.* Excluded: an undescribed collection (Rehmann 286) from South Africa.
Fissidens glaucescens var. *mahorensis* Besch. = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens glaucescens var. *minor* Müll.Hal. ex Paris, *nom. nud.* = *Fissidens glaucescens* [1911: 201] (= *Fissidens ovatus*)
Fissidens glaucescens var. *natalensis* Rehm ex Paris, *nom. nud.* = *Fissidens glaucescens* [6568: 209] (= *Fissidens ovatus*)
Fissidens glaucescens var. *remotifolius* Rehm ex Dixon, *nom. nud.* = *Fissidens glaucescens* [1911: 201] (= *Fissidens ovatus*)
- Fissidens glaucissimus* var. *minor* Welw. & Duby** ANG(46).
***Fissidens glaucissimus* Welw. & Duby** ANG(46), BIO(8180), CAF(47,1749), CMN(47), GAB(47), GUI(47), IVO(1880), KEN(2661), NGA(47,334,5148,5176), PRI(47), RIM(4639), SAO(47), TAN(46), TOG(58), UGA(46,8223), ZAI(65,5319,7863).
Fissidens glaucopteris Müll.Hal. ex Dusén = *Fissidens intramarginatus* (3212)
Fissidens glauculus Müll.Hal. ex Dusén = *Fissidens weirii* (3212). Note: the varieties of this species have not yet been treated by Bruggeman-Nannenga (3212).
Fissidens glauculus ssp. *dupuisii* (Renauld & Cardot) P.de la Varde = *Fissidens glauculus* [90: 147] (= *Fissidens weirii*)
- Fissidens glauculus* var. *aculeifrons* P.de la Varde** in Thér. GAB(47).
***Fissidens glauculus* var. *circinicaulis* (Cardot) P.de la Varde** GAB(47), SEN(47).
Fissidens glauculus var. *dupuisii* (Renauld & Cardot) Demaret = *Fissidens glauculus* [90: 147] (= *Fissidens weirii*)
***Fissidens glauculus* var. *gymnandrus* P.de la Varde** GAB(47).
***Fissidens gomæ* P.de la Varde & V.Leroy** TAN(46), ZAI(65).
Fissidens gracilis (Hampe) A.Jaeger, *nom. illeg.* = *Fissidens curvatus* (82: 51)
- Fissidens grainvillei* Thér.** MDG(40).
***Fissidens grandifolius* Broth. & P.de la Varde** CAF(47), GAB(47), GUI(47), IVO(4928), LBR(47), NGA(47,5148,5176), NGR(79), TOG(1878).
***Fissidens grandifrons* Brid.** MAS(40).
***Fissidens grandifrons* var. *flaccidus* Brid.** MAS(40).
Fissidens grandiretis Renauld & Cardot = *Fissidens laxus* [90: 144]
- Fissidens grossiretis* Müll.Hal.** CAF(1749), CMN(47), GAB(47), IVO(1880), ZAI(3076).
Fissidens gueinzii Müll.Hal. = *Fissidens bryoides* (82: 46) (= *Fissidens androgynus*)
Fissidens guineensis Paris & Broth. = *Fissidens microcarpus* (73)
Fissidens gumangensis (Müll.Hal.) Paris = *Fissidens sciophyllus* var. *sciophyllus* [90: 145]
Fissidens haakonii Broth. & Bryhn = *Fissidens borgenii* (82: 58)
- Fissidens harringtonii* Brugg.-Nann.** SIE(7957).
Fissidens hedbergii P.de la Varde = *Fissidens enervis* (3212)
- Fissidens helenicus* Mitt.** STH(1296,4202,4626,5331,5458).
Fissidens helictocaulos Müll.Hal. = *Fissidens megalotis* subsp. *helictocaulos* (3212)
Fissidens herpetineuron Broth. & P.de la Varde in P.de la Varde = *Fissidens zollingeri* (3212)
Fissidens hians Paris, *nom. nud.* = *Fissidens parkii* (3212)
- Fissidens hildebrandtii* Müll.Hal.** SOM(50).
Fissidens hillieri Thér. = *Fissidens submarginatus* (3212)
- Fissidens hirsutus* Bizot ex Pócs** TAN(46,109).
***Fissidens hoeegii* P.de la Varde** LES(4897), SAF(1531,8328), TAN(46), ZAI(65).
Fissidens holstii Broth. = *Fissidens laxus* [90: 144]
Fissidens holstii var. *perintegrifolius* P.de la Varde = *Fissidens laxus* [90: 145]
- Fissidens hookerioides* Bizot & Onr.** MDG(40).
***Fissidens horizontocarpus* Müll.Hal.** CAF(47,1749), CON(47), GUI(47), TAN(46).
Fissidens humilis Mitt. ex J.Shaw, *nom. nud.* Excluded: an undescribed specimen.
Fissidens hyalobasis Dixon ex Sim = *Fissidens microandrogynous* (82: 55) (= *Fissidens bogosicus*)
- Fissidens hymenodon* Besch.** COM(40), MDG(40), TAN(46), ZAI(5319).
Fissidens idanreense P.de la Varde = *Fissidens sciophyllus* fo. *sciophyllus* (3212)
Fissidens imerinae Müll.Hal., *nom. nud.* Excluded: no description or specimen available.
Fissidens impar Mitt. = *Fissidens bryoides* var. *viridulus* [4926: 79] (= *Fissidens viridulus* var. *viridulus*).

Fissidens inaequalilimbatus Paris & Broth. CAF(47,1749), GUI(47).*Fissidens inclinatus* (Müll.Hal.) Paris = *Fissidens submarginatus* (3212)***Fissidens inclusus*** Bizot ex Dury & Pócs TAN(46,109).*Fissidens incurvus* ssp. *crassipes* (Bruch & Schimp.) Boulay = *Fissidens crassipes* [1521] Note: see *Fissidens bryoides* var. *bryoides*.*Fissidens incurvus* ssp. *minutulus* (Sull.) Kindb. = *Fissidens minutulus* [1521]*Fissidens incurvus* ssp. *viridulus* (Sw.) Bouvet, *nom. illeg. prior. ut spec.* = *Fissidens bryoides* ssp. *viridulus* [1521]Note: see *Fissidens viridulus* var. *viridulus*.*Fissidens incurvus* Stark ex Roehl. = *Fissidens bryoides* ssp. *incurvus* [1521] Note: see *Fissidens bryoides* var. *bryoides*.*Fissidens incurvus* var. *crassipes* (Bruch & Schimp.) Schimp., *nom. illeg. incl. var. prior.* = *Fissidens crassipes* [1521]Note: see *Fissidens bryoides* var. *bryoides*.*Fissidens incurvus* var. *minutulus* (Sull.) Austin = *Fissidens minutulus* [1521]*Fissidens incurvus* var. *viridulus* (Sw.) Venturi & Bott., *nom. illeg. prior. ut spec.* = *Fissidens bryoides* ssp. *viridulus* [1521] Note: see *Fissidens viridulus* var. *viridulus*.*Fissidens inflatus* (Müll.Hal.) Paris = *Fissidens reflexus* (3212)*Fissidens intralimbatus* Broth. & P.de la Varde = *Fissidens borgenii* [90: 146]*Fissidens intralimbatus* var. *brevifolius* P.de la Varde = *Fissidens borgenii* [3212]***Fissidens intramarginatus*** (Hampe) A.Jaeger BEN(47), BIO(2662), CAF(47,1749),

CMN(47,109), GAB(47,4988), GHA(47), GUI(47), IVO(1880,4928),

KEN(46,2661,6615,7065), LBR(47), MDG(40,109), MLW(67,6087),

NGA(47,5148,5176), REU(105), RWA(65), SAF(7273,8328), SEN(47), SIE(47),

SUD(90,3076,3212), TAN(46,109), TOG(4,1878,2851), UGA(46,4988,8223), ZAI(65).

Fissidens intramarginatus (Hampe) A.Jaeger = *Fissidens intramarginatus*. Note: this is a clerical error in *Index Muscorum*.*Fissidens ischyrobryoides* Müll.Hal. = *Fissidens marginatus* [6568: 209; 82: 50] (= *Fissidens rufescens*)*Fissidens itarensis* Broth. in Mildbr. = *Fissidens intramarginatus* [90: 146]***Fissidens jeffreyi*** Bizot SEY(109,1926,2353,4750).*Fissidens jollyi* Paris, *nom. nud. in synon.* = *Fissidens alomoides* [4951: 16]***Fissidens jonesii*** Bizot ex Pócs MLW(6087), TAN(46,109), ZAI(5319).*Fissidens jonesii* fo. *terrestris* Bizot & Pócs, *nom. nud.* Excluded: any records for this form have been associated with the owning species.*Fissidens jordani* J.Taylor & P.de la Varde in P.de la Varde = *Fissidens bessouensis* (2476)*Fissidens jovei-astiae* Bizot = *Fissidens submarginatus* (3212)*Fissidens julianus* (DC.) Schimp. = *Octodiceras fontanus* [8172: 405] (= *Fissidens fontanus*)*Fissidens kegelianus* Müll.Hal. = *Fissidens zollingeri* (76)*Fissidens konkourae* Paris & Broth. = *Fissidens microcarpus* (73)***Fissidens lachmanii*** Bizot BIO(8180), IVO(47,109,1880), UGA(7353,8223).*Fissidens lacouturei* Thér. ex Renauld & Cardot = *Fissidens sciophyllus* fo. *sciophyllus* (3212)*Fissidens lanceolatus* Bruch, *nom. nud.* = *Fissidens glaucescens* [6793: 160] (= *Fissidens ovatus*)*Fissidens lanceolatus* Hampe = *Fissidens glaucescens* [82: 62] (= *Fissidens ovatus*)*Fissidens latifolius* Dixon = *Fissidens megalotis* subsp. *helicocaulos* (3212)*Fissidens laurentiorum* Cardot = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)*Fissidens laxifolius* Hornsch. = *Fissidens curvatus* (82: 51)***Fissidens laxifolius*** var. ***breviseta*** Hornsch. SAF(7940).*Fissidens laxis* Sull. & Lesq. = *Fissidens pellucidus* var. *pellucidus* (2476). Note: this was incorrectly stated as *Fissidens pellucidus* var. *papilliferus* (a Brazilian taxon) in checklist versions 2 and 3.***Fissidens lepidopiloides*** Müll.Hal. SUD(3076).***Fissidens leptocheilos*** Müll.Hal. SOM(50).*Fissidens leptophyllus* Broth., *hom. illeg.* = *Fissidens angustifolium* (3212)***Fissidens le-testui*** P.de la Varde GAB(47), IVO(1880), ZAI(65).*Fissidens leucocaulis* Müll.Hal. ex Bizot = *Fissidens ellipticus* (3212)*Fissidens leucocaulis* var. *fallaciosus* P.de la Varde, *nom. nud.* = *Fissidens diaphanus* (47: 476)***Fissidens leucocinctus*** Hampe CMN(47), GAB(47), KEN(46), MDG(40), SAF(40),

TAN(46,109), UGA(40,8223), ZAI(65,5319), ZAM(109), ZIM(61,3212).

Fissidens ligulinus Müll.Hal. ex Renauld = *Fissidens ellipticus* (3212)***Fissidens liliputanus*** Müll.Hal. SUD(3076).*Fissidens linderi* P.de la Varde in Thér. = *Fissidens laxis* [90: 145]*Fissidens linealis* Bruch & Schimp. = *Fissidens fasciculatus* [6557: 233]*Fissidens linearicaulis* Broth. & Bryhn = *Fissidens borgenii* (82: 58)***Fissidens linearilimbatus*** Müll.Hal. KEN(46), TAN(46).*Fissidens linearis* Hornsch ex Broth., *nom. nud.* = *Fissidens plumosus* [6557: 233]***Fissidens loennbergii*** P.de la Varde KEN(46).

- Fissidens longelimbatus* Broth. = *Fissidens intramarginatus* [90: 146]
Fissidens longevittatus P.de la Varde = *Fissidens intramarginatus* (3212)
Fissidens longidens Bizot ex Pócs = *Fissidens ellipticus* (3212)
Fissidens longipes Welw. & Duby. = *Fissidens bryoides* [90: 143]
Fissidens longulus Müll.Hal. = *Fissidens pygmaeus* (82: 68)
Fissidens lombergii P.de la Varde *err.* = *Fissidens loennbergii* [1521]
Fissidens loyei Bizot & Dury in Bizot = *Fissidens ocellatus* (3212)
Fissidens luridus Renauld & Cardot. Excluded: the type of this taxon was found to be a mixture of *Fissidens atroviridis* and *Fissidens leucocinctus* [2350: 10]
Fissidens maclaudii Paris & Broth. = *Fissidens submarginatus* (3212)
Fissidens macleai J.Shaw ex Kindb., *nom. illeg. incl. spec. prior.* = *Fissidens curvatus* [1911: 188; 82: 68]
Fissidens macleanus J.Shaw. = *Fissidens curvatus* [1911: 188; 82: 68]
Fissidens macowani Müll.Hal. ex Kindb., *nom. nud. orthogr.* = *Fissidens macowanianus* [1521] (= *Fissidens megalotis*)
Fissidens macowanianus Müll. Hal. = *Fissidens megalotis* (2476)
Fissidens macroglossus (Broth.) Brugg.-Nann. CMN(47), IVO(1458).
Fissidens macrophyllus Welw. & Duby, *hom. illeg.* = *Fissidens zollingeri* (3212)
Fissidens madecassus Müll.Hal. MDG(40).
Fissidens madegassus Müll.Hal. *orthogr.* = *Fissidens madecassus* [1521]
Fissidens mahorensis (Besch.) Müll.Hal. = *Fissidens arbogastii* [1848: 167] (= *Fissidens crispulus*)
Fissidens malacobryoides Müll.Hal. = *Fissidens bryoides* (82)
Fissidens malacobryoides* var. *irriguus P.de la Varde UGA(392).
Fissidens mamilloso Müll.Hal. = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens maniae Paris & Renauld = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens marginatus Schimp & Müll.Hal. = *Fissidens rufescens* (2476)
Fissidens mariei (Besch.) Broth. MDG(40).
Fissidens marthae Cardot BEN(6128), CAF(47,1749), GHA(47), IVO(1880), NGA(47,5148), SEN(47), SEY(4750), SIE(3216), TAN(46), UGA(7353,8223), ZAI(5319).
Fissidens mathieui Cardot = *Fissidens submarginatus* (3212)
Fissidens megalotis* ssp. *helictocaulos (Müll.Hal.) Brugg.-Nann. CMN(47), CVI(2666,6453), ERI(50), ETH(50), KEN(46), MLW(67,6087), SOC(5613,6049), SOM(50), TAN(46), UGA(8280), ZAI(65), ZAM(46), ZIM(46).
Fissidens megalotis* ssp. *megalotis Schimp. ex Müll.Hal. SAF(2476,8328).
Fissidens menyhartii Müll.Hal. ZAM(46,62), ZIM(46).
Fissidens metzgeria (Müll.Hal.) Broth. BIO(2662), CAF(90,1749), CMN(47), GAB(47), GUI(47), NGA(47,334,5148), RWA(65), TAN(46), UGA(4282,8280), ZAI(65,3076).
Fissidens menyhartii Müll.Hal. ex Sim, *nom. inval. in synon. err.* = *Fissidens menyhartii* [1521]
Fissidens micro-androgynus Dixon ('*Fissidens microandrogynus*') = *Fissidens bogosicus* (3212)
Fissidens microcarpus Mitt. CAF(47), CMN(47,73), CON(73), GAB(73), GUI(47,73), IVO(4928), NGA(47,5148), RIM(4639), SIE(47), ZAI(65).
Fissidens microdictyoides Müll.Hal., *nom. nud. in synon.* = *Moenkemeyera mirabilis* [4117: 506] (= *Fissidens parkii*)
Fissidens micro-ocellatus Dixon ('*Fissidens microocellatus*') = *Fissidens bogosicus* (3212)
Fissidens microphoenix P.de la Varde = *Fissidens subglaucescens* var. *microphoenix* [1521] (= *Fissidens glaucescens*)
Fissidens minutifolius Broth. & P.de la Varde CAF(1749), GAB(47), NGA(8144), TOG(2851).
Fissidens minutiretis Dixon = *Fissidens rufescens* (82: 48)
Fissidens minutulus Sull. CVI(2666).
Fissidens minutus* var. *minutus Thwaites & Mitt. in Mitt. CAF(1470), SEY(4750), TAN(1470), ZAM(1470).
Fissidens minutus var. *minutus* Thwaites & Mitt. in Mitt. = *Fissidens flaccidus* (2476)
Fissidens mobukensis G.Negri UGA(46).
Fissidens moenkemeyeri Müll.Hal. = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens molliculus P.de la Varde = *Fissidens enervis* (74)
Fissidens monostictus Broth. & P.de la Varde = *Fissidens angustifolius* [3212]
Fissidens motelayi Renauld & Cardot MDG(40).
Fissidens mucronatus Schimp. ex Müll.Hal. = *Fissidens glaucescens* (82: 62) (= *Fissidens ovatus*)
Fissidens muelleri Dusén, *hom. illeg.* = *Fissidens schmidii* (2737: 25)
Fissidens natalensis Rehmann ex Kindb., *nom. nud.* = *Fissidens glaucescens* [6568: 209] (= *Fissidens ovatus*)
Fissidens nataliae Müll.Hal., *nom. nud.* Excluded: no specimen or description available.
Fissidens nematopteris Müll.Hal. ex Dusén = *Fissidens asplenioides* (1886)
Fissidens nigerianus Bizot NGA(47,109,334,5176).

- Fissidens nigrescens* Paris, *nom. nud.* = *Fissidens fontanus* [4800: 188] Note: see under *Fissidens fontanus* (= *Fissidens palmifolius*)
- Fissidens nitens* Rehm. ex E.S.Salmon = *Fissidens porrectus* [90: 144]
- Fissidens nitens* var. *neglectus* E.S.Salmon = *Fissidens porrectus* [90: 144]
- Fissidens norkettii* P.de la Varde = *Fissidens borgenii* [90: 146]
- Fissidens nossianus* Besch. = *Fissidens intramarginatus* (3212)
- Fissidens nossibeanus* Müll.Hal., *nom. nud.* Excluded: no description or specimen available.
- Fissidens oblongifolius* Hook.f. & Wilson CAF(47), GAB(47), TOG(1878).**
- Fissidens obsoletidens* Müll.Hal. ex Besch. = *Fissidens zollingeri* (3212)
- Fissidens obsoletidens* var. *schistophila* Broth. in Mildbr. Note: this taxon was not treated by Bruggeman-Nannenga [3212], when the owning species was made a synonym of *Fissidens zollingeri*.
- Fissidens obsoletidens* var. *schistophilla* Broth. RWA(65).**
- Fissidens occultifolius* (Müll.Hal.) Paris = *Fissidens schmidii* [2737: 25]
- Fissidens ocellatus* P.de la Varde CON(47,109), GAB(47).**
- Fissidens oligistoloma* P.de la Varde = *Fissidens sciophyllus* fo. *ulna* (3212)
- Fissidens onraedtii* Bizot MDG(40,109).**
- Fissidens opacifolius* Mitt. NGA(47), TAN(46), ZAI(65).**
- Fissidens opacifolius* Mitt. *p.p.* = *Fissidens submarginatus* [82: 54]. Note: *Fissidens opacifolius* Mitt. from West Africa is a different species (Bruggeman-Nannenga, *pers. comm.*.)
- Fissidens oussouyensis* Cardot = *Fissidens intramarginatus* (3212)
- Fissidens ovatus* Brid. BIO(2662), CAF(47,1749), CMN(47), GUI(47), KEN(46,6615), LES(1531,4897), MAU(105), MDG(40), MLW(67,6087), NGA(334), REU(105), SAF(1531,4897,7766,8328), SWZ(1531), TAN(46), UGA(7353,8280), ZAI(65,5319), ZAM(46,62), ZIM(46,61).**
- Fissidens ovatus* fo. *cymatophyllus* (Müll.Hal.) Bizot ex Kis = *Fissidens glaucescens* (82)
- Fissidens ovatus* var. *elatior* Renault & Cardot = *Fissidens ovatus* (3212)
- Fissidens ovatus* var. *ochroloma* Renault & Cardot in Renault = *Fissidens ovatus* (3212)
- Fissidens ovatus* var. *planifolius* Besch. = *Fissidens vulcanicus* (3212)
- Fissidens pachyloma* Müll.Hal. = *Fissidens curvatus* var. *pachyloma* (3212)
- Fissidens pachylomadelpus* Demaret & P.de la Varde = *Fissidens bryoides* [90: 143]
- Fissidens pachylomoides* P.de la Varde = *Fissidens porrectus* [90: 144]
- Fissidens pachylomoides* var. *subdenticulatus* P.de la Varde = *Fissidens porrectus* [90: 144]
- Fissidens pallidinervis* Mitt. MLW(6087), UGA(8280).**
- Fissidens palmifolius* var. *palmifolius* (P.Beauv.) Broth. ANG(46,85), LES(4897), MAU(85,105), MLW(67), MOZ(85), REU(85,105), SAF(85,1531,7766,8328), ZAM(46,62,85), ZIM(46,61,85).**
- Fissidens palmifolius* var. *semilimbatus* Brugg.-Nann. UGA(85,7798,8280).**
- Fissidens palustris* (Müll.Hal.) Paris = *Fissidens submarginatus* (3212)
- Fissidens palvadeaudi* Bizot = *Fissidens laxis* [90: 145]
- Fissidens papillifolius* Dixon = *Fissidens submarginatus* (82: 54)
- Fissidens papillosus* Sande Lac. = *Fissidens serratus* var. *serratus* (2476)
- Fissidens parkii* Mitt. CAF(47), CHA(47), GAB(47), GUI(47), IVO(1880), MLI(47), NGA(47,334,5148), SEN(47), TAN(46).**
- Fissidens parvilimbatus* Sim = *Fissidens bogosicus* (3212)
- Fissidens paucilimbatus* P.de la Varde = *Fissidens borgenii* [90: 146]
- Fissidens pauperrimus* Müll.Hal., *hom. illeg.* = *Fissidens rutenbergii* [6793: 164]
- Fissidens pechuelii* (Müll.Hal.) Paris CAF(47), TAN(46), ZAI(65).**
- Fissidens pectinidens* Dixon = *Fissidens parvilimbatus* (82: 57) (= *Fissidens bogosicus*)
- Fissidens pellucidus* var. *papilliferus* (Broth) Pursell. Note: this taxon was included in version 3 of the list by editorial error, and all distribution data shown is now included under var. *pellucidus*.
- Fissidens pellucidus* var. *pellucidus* Hornsch. BIO(2662), CAF(47,1749), CON(47,109), GAB(47), GHA(47,109), GUI(47), IVO(47,1880,4928), LBR(47), MDG(40,1925), NGA(47,5148,5176), REU(90), RIM(4639), SEY(90,1926,1946,2030,2353,4750), SOC(5613,6049), SUD(90), TAN(46,109), UGA(7353,8280), ZAI(65,7863).**
- Fissidens perfoliatus* (Müll.Hal.) Paris = *Fissidens intramarginatus* (3212)
- Fissidens perintegrifolius* P.de la Varde CAF(1749), GAB(47), IVO(1880), NGA(47,5148), SIE(47).**
- Fissidens perlimbatus* Broth. & P.de la Varde in P.de la Varde = *Fissidens intramarginatus* (3212)
- Fissidens perlimbatus* fo. *albinervis* P.de la Varde. Excluded: any records for this form have been associated with the owning species.
- Fissidens perparviretis* Dixon = *Fissidens submarginatus* (3212)

- Fissidens perpaucifolius* Dixon = *Fissidens pygmaeus* (82: 57)
Fissidens philibertii (Besch.) P.de la Varde = *Fissidens crassipes* var. *philibertii* [1521] (= *Fissidens crassipes* var. *warnstorffii*)
Fissidens pictus Bizot ex Pócs = *Fissidens laxus* [90: 145]
Fissidens pierrotii Bizot = *Fissidens submarginatus* (3212)
Fissidens planifolius Besch. ex Müll.Hal., *nom. nud.* Excluded: no description or specimen available.
- Fissidens planifrons* Besch. COM(40), MDG(40), REU(7059), TAN(46).**
Fissidens planifrons var. *corticeus* Besch. = *Fissidens planifrons* (3212)
Fissidens platybryoides Müll.Hal. = *Fissidens zollingeri* (3212)
Fissidens platybryoides var. *subimmarginatus* Dixon = *Fissidens bryoides* [90: 143]
- Fissidens platyneuros* Renauld & Cardot MDG(40).**
- Fissidens plumosus* Hornsch. MAU(105), MDG(8362), MLW(67,6087), MOZ(8362), REU(105), SAF(1531,7766,8328), TAN(46), ZIM(46,61).**
Fissidens plumosus var. *serrulatus* Wager ex Sim, *nom. inval. in synonym.* = *Fissidens plumosus* [1911: 203]
Fissidens pobeguini Paris & Broth. = *Fissidens intramarginatus* (3212)
- Fissidens pocsii* Bizot & Dury ex Pócs IVO(4928), TAN(46,109).**
- Fissidens porrectus* Mitt. CMN(47), ETH(111), GAB(47), GUI(47), IVO(1880), MLW(6087), NGA(47,5148,6263), RIM(4639), RWA(65), SAF(1531,8328), TAN(46), UGA(46,8280), ZAI(65), ZIM(61).**
Fissidens procerior Broth. & Bryhn = *Fissidens glaucescens* [6568: 209; 53: 23] (= *Fissidens ovatus*)
Fissidens procumbens Mitt. = *Fissidens crispulus* (3212)
Fissidens propinquus P.de la Varde = *Fissidens laxus* [90: 145]
Fissidens pseudocomorensis Müll.Hal., *nom. nud.* Excluded: no description or specimen available.
- Fissidens pseudoenii* Bizot & Dury ex Pócs MLW(6087), TAN(109), UGA(8280).**
Fissidens pseudoenii Bizot & Dury ex Pócs. Note: prior to version 4 of this checklist, this taxon was treated as a synonym of *Fissidens serratus* var. *leptochaete*, based on (2476). The taxon was re-instated by Bruggeman-Nannenga in (6087).
Fissidens pseudolimbatus Venturi = *Fissidens bogosicus* (3212)
- Fissidens pseudoplumosus* Bizot & Onr. REU(105,109).**
Fissidens pseudorufescens Müll.Hal. = *Fissidens megalotis* subsp. *helicocaulos* (3212)
Fissidens pseudorufescens Rehmann ex Paris, *nom. nud.* = *Fissidens austro-africanus* [1521] (= *Fissidens sciophyllus* fo. *sciophyllus*)
Fissidens pseudoserratus (Müll.Hal.) A.Jaeger = *Fissidens serratus* (2476)
- Fissidens pugionifolius* Müll.Hal. SUD(3076).**
Fissidens pulcher Müll.Hal. ex Dusén. = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens pulvinatus Hedw. = *Grimmia pulvinata* (82: 275)
Fissidens pulvinatus var. *africanus* Hedw. = *Grimmia pulvinata* (82: 275)
Fissidens purpureocaulis Müll.Hal. = *Fissidens sciophyllus* fo. *sciophyllus* (3212)
Fissidens pusillus ssp. *minutulus* (Sull.) P.de la Varde, *nom. illeg. prior. ut spec.* = *Fissidens minutulus* [1521]
Fissidens pycnophyllus Müll.Hal. = *Fissidens curvatus* [1911: 188]
- Fissidens pygmaeus* Hornsch. LES(4897), SAF(1531,8328), TAN(46), ZIM(46,61).**
Fissidens rabenhorstii Hampe ex Müll.Hal., *nom. nud.* Excluded: no description or specimen available.
- Fissidens ramulosus* Mitt. ANG(46), CAF(47,1749), CMN(47), COM(40), GAB(47), IVO(4928), KEN(46), MDG(40), MLW(6087), NGA(47), ROD(4931), TAN(46), UGA(46,7353,8280), ZAI(65).**
Fissidens recurvatifolius Muell.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection from Ethiopia [6793: 164; 50: 220]
- Fissidens reflexus* Hampe CAF(47,1749), CHA(47), IVO(1880), MDG(40), MLW(67,6087), NGA(47,5176), SEY(4932), SUD(3076), TAN(46), UGA(8280), ZAI(65), ZAM(46,62).**
Fissidens rehmannii Müll.Hal. = *Fissidens glaucescens* (82: 62) (= *Fissidens ovatus*)
- Fissidens reimersii* P.de la Varde STH(4988).**
Fissidens remotifolius Müll.Hal. = *Fissidens bryoides* (82: 46) (= *Fissidens androgynus*)
Fissidens ripensis Mitt. = *Fissidens laxus* [90: 144]
Fissidens rivicola Broth. & P.de la Varde = *Fissidens laxus* [90: 145]
Fissidens rivicola var. *gabonensis* P.de la Varde = *Fissidens laxus* [90: 145]
- Fissidens robynsianus* P.de la Varde UGA(7353,8280), ZAI(65).**
- Fissidens rosulatus* P.de la Varde MDG(40).**
Fissidens rotoreauii P.de la Varde = *Fissidens bogosicus* (3212)
Fissidens rotundatus Dixon = *Fissidens gardneri* (3212)
Fissidens rubentimarginatus Müll.Hal., *nom. nud.* Excluded: no description or specimen available.

- Fissidens rufescens*** Hornsch. BOT(1531), DJI(1569), LES(1531,4897), MLW(6087), NAM(1531,4418,7155,8024), SAF(1531,8328), TAN(46), ZIM(61).
Fissidens rufescens var. *orthopyxis* Rehm ex Paris. Excluded: no description available (specimen from Overkant, eastern Cape)
Fissidens rufipes Schimp. ex A.Jaeger, *nom. illeg. incl. spec. prior.* = *Fissidens crassipes* [2185] Excluded: although marked in Index Muscorum as present in sub-Saharan Africa, it is not believed to occur in the area.
Fissidens rufolimbatus Cardot = *Fissidens porrectus* [90: 144]
Fissidens rufolimbatus var. *latifolius* P.de la Varde = *Fissidens porrectus* [90: 144]
Fissidens rufolimbatus var. *ramosus* P.de la Varde = *Fissidens porrectus* [90: 144]
Fissidens rufolimbatus var. *torrentium* P.de la Varde = *Fissidens porrectus* [90: 144]
Fissidens rufulus ssp. *warnstorffii* (M.Fleisch.) Kindb. = *Fissidens crassipes* var. *philibertii* [8151: 674] (= *Fissidens crassipes* ssp. *warnstorffii*)
- Fissidens rugifolius*** Dixon UGA(16).
Fissidens ruwenzorensis Thér. & Naveau = *Fissidens asplenioides* (1748)
Fissidens sanguineonervis (Müll.Hal.) Paris = *Fissidens intramarginatus* [90: 146]
Fissidens sarcophyllus Müll.Hal. ex Dusén = *Fissidens borgenii* [90: 146]
Fissidens savellii Paris & Renaud = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens schelpei P.de la Varde = *Fissidens bogosicus* (3212)
Fissidens schimperi Schimp. ex Paris, *nom. nud. in synonym.* = *Fissidens helictocaulos* [4250: 484] (= *Fissidens megalotis* subsp. *helictocaulos*)
- Fissidens schmidii*** Müll.Hal. BIO(8180), CAF(47), CMN(47), ETH(6137), GAB(47), GUI(47), MLW(6087), NGA(47), TAN(7833), UGA(46,7353,8280).
Fissidens schnellii P.de la Varde = *Fissidens porrectus* [90: 144]
Fissidens schweinfurthii (Müll.Hal.) Paris = *Fissidens intramarginatus* [3212: 160]
- Fissidens sciophyllus*** fo. *sciophyllus* Mitt. ANG(46), BIO(2662), CAF(47), CHA(90), CMN(47), CVI(2666), DJI(1569), GAB(47), GHA(90), GUI(47), KEN(6615,7065), LES(4897), MDG(40,90), MLW(6087), NAM(1531,7155), NGA(47,334,5148), REU(90), RIM(4639), ROD(4931), RWA(65), SAF(1531,8328), SAO(47), SEY(4899), SUD(90,3076), TAN(46), UGA(46,4282,8280), ZAI(65), ZAM(46,62), ZIM(7623).
- Fissidens sciophyllus*** fo. *ulna* (Müll.Hal.) Brugg.-Nann. CAF(47,1749), CMN(47), GAB(47,4988), GUI(47,5041), IVO(47), MLW(6087), NGA(47,5148), SUD(3076,3212), TAN(46), UGA(46,3212), ZAI(65).
Fissidens sciophyllus Mitt. = *Fissidens sciophyllus* fo. *sciophyllus* (3212)
- Fissidens scleromitrius*** (Besch.) Broth. CAF(47), LES(4897), MDG(40,2322), SAF(1531,8328), ZAI(65).
Fissidens semiobscurus (Müll.Hal.) Paris = *Fissidens reflexus* (3212)
Fissidens sericeus Broth. = *Fissidens curvatus* var. *curvatus* (3212)
- Fissidens serratus*** var. *leptochaete* (Dusén) Brugg.-Nann. & Pursell TAN(46).
Fissidens serratus var. *serratus* Müll.Hal. IVO(4928), KEN(46,580), MAU(105,580), MDG(40,1925), MLW(6087), MOZ(357), NAM(7155), SAF(1531,4897), SEY(4750), SOC(5116,5613), TAN(46,109,580), ZIM(61).
- Fissidens seychellensis*** Dury & Onr. SEY(4,1926,2030,2353,4750,4899).
- Fissidens sigmocarpaceus*** P.de la Varde CAF(47), MLW(6087).
Fissidens sigmocarpaceus Müll.Hal. ex Dusén = *Fissidens ramulosus* (3212)
Fissidens sylvaticus Griff. ex Kindb., *nom. illeg. orthogr.* = *Fissidens sylvaticus* [1521]. Note: see under *Fissidens sylvaticus*.
Fissidens simensis Schimp. ex Müll.Hal. = *Fissidens bryoides* [90: 143]
Fissidens simii Schelpe = *Fissidens beckettii* (3212)
Fissidens skallangae Dixon = *Fissidens glaucissimus* (255)
Fissidens smilioides P.de la Varde = *Fissidens beckettii* (3212)
- Fissidens somaliae*** Müll.Hal. SOM(50), ZAM(62), ZIM(46,61).
Fissidens spinosolimbatus Bizot & Dury ex Pócs = *Fissidens intramarginatus* [90: 146]
- Fissidens splachnifolius*** Hornsch. SAF(1531,8328).
- Fissidens splendens*** Brugg.-Nann. TAN(46).
Fissidens stellenboschianus Dixon in Sim = *Fissidens pygmaeus* (3212)
Fissidens stirtonii Müll.Hal., *nom. nud.* Excluded: no specimen or description available.
Fissidens stolonifer Rehm ex Kindb., *nom. nud.* = *Fissidens splachnifolius* [1911: 488]
Fissidens subambiguus Bizot & Dury ex Pócs = *Fissidens submarginatus* (3212)
Fissidens subarabicus Broth. & P.de la Varde = *Fissidens oblongifolius* (1748)
Fissidens subceylonensis Dury & Onr. ex Bizot = *Fissidens ceylonensis* (4750)

- Fissidens subcongolensis* Bizot & Dury ex Pócs = *Fissidens intramarginatus* [90: 146]
Fissidens subdurus Broth. & P.de la Varde in P.de la Varde = *Fissidens intramarginatus* (3212)
Fissidens subelimbatus Broth. & P.de la Varde in P.de la Varde = *Fissidens sciophyllus* fo. *ulna* [3212: 167]
Fissidens subelimbatus Broth. & P.de la Varde var. *crispus* P.de la Varde = *Fissidens ramulosus* [3212]
Fissidens subelimbatus Wager & Dixon in Wager, *nom. nud.* = *Fissidens borgenii* var. *obtusifolius* [1911: 192] (= *Fissidens sciophyllus* fo. *sciophyllus*)
Fissidens subexasperatus Bizot & Dury ex Pócs = *Fissidens papillosus* (580)
Fissidens subglauccissimus Broth. = *Fissidens glauccissimus* (255)
Fissidens subglauccissimus var. *microphoenix* (P.de la Varde) P.de la Varde = *Fissidens glauccissimus* (47: 476)
Fissidens submadecassus Bizot = *Fissidens intramarginatus* (3212)
- Fissidens submarginatus* Bruch ex C.Krauss BEN(6128), CAF(47,109,1749), CMN(47), EQG(47), GHA(47), GUI(47), IVO(1880,4928), KEN(46,7065), LBR(47), MDG(40), MLW(6087), NAM(6798), NGA(47), SAF(1531,8328), SEN(47), SWZ(1531), TAN(46,109), TOG(58), UGA(7353,8280), ZAI(65), ZAM(62), ZIM(46,61).**
Fissidens subobtusatus Müll.Hal. = *Fissidens sciophyllus* fo. *sciophyllus* [3212: 166]
Fissidens subpictus Bizot ex Pócs = *Fissidens laxus* [90: 145]
- Fissidens subplanifrons* Bizot & Onr. MAU(105,109).**
Fissidens subpyncophyllus P.de la Varde = *Fissidens beckettii* (3212)
Fissidens subremotifolius Müll.Hal. = *Fissidens bryoides* (82: 46) (= *Fissidens androgynus*)
Fissidens subsarcophyllus Bizot & Onr. in Bizot = *Fissidens madecassus* [3212: 163]
- Fissidens subscleromitrius* Bizot & Dury TAN(46).**
Fissidens subsphaerocarpus (P.de la Varde) Brugg.-Nann. = *Fissidens microcarpus* (73)
- Fissidens subundatus* Dury MDG(40).**
Fissidens subviscidus Bory ex Besch., *nom. inal. in synon.* = *Phyllogonium viscosum* [2195: 270]
Fissidens sylvaticus fo. *robusta* Dixon. Excluded: any records for this form have been associated with the owning species.
Fissidens sylvaticus Griff. Note: Iwatsuki & Suzuki (1892, p.400) gave this as a synonym of *Fissidens taxifolius*, but Bruggeman-Nannenga (pers. comm.) says that all African material named *Fissidens sylvaticus* seen by her is *Fissidens zippelianus*. All African records are thus shown for *Fissidens zippelianus* (= *Fissidens crispulus*).
Fissidens sylvaticus var. *savellii* (Paris & Renauld) Wijk & Margad. = *Fissidens zippelianus* (76) (= *Fissidens crispulus*)
Fissidens taenocladus P.de la Varde = *Fissidens laxus* [90: 145]
Fissidens tamarindifolius var. *crispulus* Brid. = *Fissidens bryoides* var. *crispulus* [1521] (= *Fissidens crispulus*)
- Fissidens taxifolius* ssp. *taxifolius* Hedw. MAS(40).**
Fissidens taylorii Müll.Hal. Excluded: Index Muscorum records this species for sub-Saharan Africa, but no records have been found.
Fissidens tenuisetus Cardot = *Fissidens zollingeri* (3212)
Fissidens terminiflorus Thwaites & Mitt. = *Fissidens sylvaticus* [5545: 285] (= *Fissidens crispulus*)
Fissidens termitdarum Paris & Broth. ex Paris = *Fissidens intramarginatus* (3212)
Fissidens thallangae Dixon = *Fissidens glauccissimus* (255)
Fissidens theriotii Corb. = *Fissidens fouta-djallonii* (47: 476) (= *Fissidens gardneri*)
Fissidens thomsonii Stirt. ex Müll.Hal., *nom. nud.* Excluded: apparently collected from (Lake?) Victoria by Thomson, but no specimen details or description published.
Fissidens thunbergii Brid. = *Fissidens ovatus* [3212]
Fissidens tisserantii Broth. & P.de la Varde = *Fissidens glauculus* [90: 147]
- Fissidens tisserantii* var. *sublaevifolius* P.de la Varde CAF(47).**
Fissidens tisserantii var. *sublaevifolius* P.de la Varde. Note: the owning species of this variety has been transferred to *Fissidens glauculus* [90: 147]. This variety should also be revised.
Fissidens ugandae Dixon & P.de la Varde = *Fissidens intramarginatus* [90: 146]
Fissidens ulna (Müll.Hal.) Paris = *Fissidens sciophyllus* fo. *ulna* (3212)
Fissidens ulna var. *fallax* P.de la Varde = *Fissidens sciophyllus* fo. *ulna* (3212)
Fissidens undatus (Müll.Hal.) Paris = *Fissidens intramarginatus* (3212)
Fissidens undifolius Müll.Hal. = *Fissidens ovatus* (3212)
- Fissidens unipapillosus* Brugg.-Nann. UGA(7798,8280).**
Fissidens urceolatus Wager & Dixon ex Sim = *Fissidens submarginatus* (82: 54)
- Fissidens usambaricus* Broth. CAF(47,90,1749), CMN(90), CVI(2666), KEN(7065), NGA(334), RWA(65), SAF(1531,8328), SWZ(4418), TAN(46), UGA(4282,8280), ZAI(65,5319).**
- Fissidens usambaricus* var. *acutifolius* P.de la Varde CAF(47).**
Fissidens vanderijstii Cardot = *Fissidens intramarginatus* (3212)
Fissidens ventroalaris Cardot = *Fissidens reflexus* (3212)
Fissidens vesiculosus Demaret & V.Leroy = *Fissidens megalotis* subsp. *helictocaulos* (3212)
Fissidens viridulus ssp. *incurvus* (Starke ex Roehl.) Waldh. ex C.E.O.Jensen = *Fissidens bryoides* [2185]. Note: see *Fissidens bryoides* var. *bryoides*.
Fissidens viridulus ssp. *minutulus* (Sull.) Kindb. = *Fissidens minutulus* [2185]

- Fissidens viridulus* var. *bryoides* (Hedw.) Roehl., *nom. illeg. prior. ut spec.* = *Fissidens bryoides* [1521]. Note: see *Fissidens bryoides* var. *bryoides*
- Fissidens viridulus* var. *crassipes* (Bruch & Schimp.) Husn., *nom. illeg. incl. var. prior.* = *Fissidens crassipes* [1521]. Excluded: only the variety *Fissidens crassipes* var. *warnstorffii* occurs in sub-Saharan Africa.
- Fissidens viridulus* var. *exilis* (Hedw.) Roehl., *nom. illeg. prior. ut spec.* = *Fissidens exilis* [1521]. Excluded: although listed by Index Muscorum, this taxon is not recorded for the area.
- Fissidens viridulus* var. *incurvus* (Roehl.) Wilson = *Fissidens bryoides* var. *incurvus* [1521]. See *Fissidens bryoides* var. *bryoides*.
- Fissidens viridulus* var. *viridulus* (Sw.) Wahlenb. CMN(47), SUD(7364).**
- Fissidens vogelianus* Mitt. = *Fissidens zollingeri* (3212)
- Fissidens vogelianus* var. *latifolius* P.de la Varde, *nom. nud.* Excluded: undescribed collections from Nigeria (*E.W. Jones in Richards 3808 and 3818*) [7428: 89]; the specimens are treated here as synonyms of *Fissidens vogelianus* (= *Fissidens zollingeri*).
- Fissidens vulcanicus* Renauld & Cardot = *Fissidens planifrons* [4363: 152]
- Fissidens wageri* Dixon ex Wager SAF(1531,8328).**
- Fissidens warnstorffii* M.Fleisch. = *Fissidens crassipes* var. *philibertii* [8151: 674] (= *Fissidens crassipes* var. *warnstorffii*)
- Fissidens waterlotii* Thér. = *Fissidens reflexus* (3212)
- Fissidens weirii* var. *weirii* Mitt. ANG(46), BIO(2662), BKN(1423), CAF(47,1749), CMN(47), GAB(47), GHA(47), GUI(47,5041), IVO(63,1880,4928), KEN(7065), LBR(47), NGA(47,334,5148,5176), RIM(4639), SIE(3216), TOG(1878,2851), UGA(46,8280), ZAI(65).**
- Fissidens welwitschii* Duby = *Fissidens sciophyllus* fo. *sciophyllus* (3212)
- Fissidens woodii* Taylor & P.de la Varde = *Fissidens porrectus* [90: 144]
- Fissidens zambiae* Bizot = *Fissidens dubiosus* (109) (= *Fissidens leucocinctus*)
- Fissidens zenkeri* Broth. ex Bizot = *Fissidens intramarginatus* (3212)
- Fissidens zippelianus* Dozy & Molk. ex Zoll. = *Fissidens crispulus* (3212)
- Fissidens zippelianus* ssp. *savellii* (Paris & Renauld) Paris = *Fissidens sylvaticus* ssp. *savellii* [1521] (= *Fissidens crispulus*)
- Fissidens zippelii* Dozy & Molk. ex Kindb., *nom. illeg. incl. spec. prior.* = *Fissidens sylvaticus* [5545: 285] (= *Fissidens crispulus*)
- Fissidens zollingeri* Mont. ANG(46), BEN(6128), CAF(47,1749), CMN(47), COM(40), GAB(47), GUI(47), KEN(46), MDG(40), NGA(47,334,4314,5148,5176), ROD(105), SEY(4750), TAN(46), UGA(7353,8280), ZAI(65,5319).**
- Fissidens zuluensis* Broth. & Bryhn = *Fissidens glaucescens* (82: 62) (= *Fissidens ovatus*)
- Fissidentella perpusilla* Cardot = *Fissidens fouta-djallonii* (76) (= *Fissidens gardneri*)
- Floribundaria cameruniae* (Müll.Hal. ex Dusén) Müll.Hal. = *Floribundaria floribunda* (65)
- Floribundaria cameruniae* M.Fleisch., *nom. nud.* Excluded: original specimen destroyed [4138: 333]
- Floribundaria capillicaulis* (Renauld & Cardot) Broth. = *Barbella capillicaulis* [1521]
- Floribundaria diversifolia* (Renauld & Cardot) Broth. = *Floribundaria vaginans* [7168: 133]
- Floribundaria floribunda* (Dozy & Molk.) M.Fleisch. BIO(3414), CAF(47), CMN(47), CON(47), ETH(111), GAB(47), GHA(47), IVO(47,1880), KEN(46,2661,7065), MAU(105,1882,3410), MDG(40), REU(105), RIM(4639), RWA(65), SAF(1531,4897,8328), TAN(46), UGA(46), ZAI(65,2675), ZAM(46).**
- Floribundaria floribunda* var. *capilliramea* (Müll.Hal.) M.Fleisch. TAN(46).**
- Floribundaria floribunda* var. *madagassa* (Renauld & Cardot) Renauld & Cardot MDG(40).**
- Floribundaria floribundula* (Müll.Hal.) M.Fleisch. COM(40), MDG(40).**
- Floribundaria fulvastra* (Besch.) Renauld = *Floribundaria floribunda* [2737: 820]
- Floribundaria golae* Tosco & Piovano TAN(46).**
- Floribundaria jumboana* (Dusén) Müll.Hal. = *Floribundaria vaginans* (7168)
- Floribundaria octodiceras* (Müll.Hal.) Müll.Hal. = *Floribundaria vaginans* (7168)
- Floribundaria patentissima* (Müll.Hal.) M.Fleisch. = *Floribundaria vaginans* (7168)
- Floribundaria patentissima* var. *squarrosa* (Renauld & Cardot) Renauld & Cardot = *Floribundaria vaginans* (7168)
- Floribundaria pseudofulvastra* (Müll.Hal.) Renauld, *nom. inval. in synon.* = *Floribundaria patentissima* [7718: 302] (= *Floribundaria vaginans*)
- Floribundaria robillardii* (Müll.Hal.) Broth. ex Paris = *Floribundaria floribunda* [1848: 360]
- Floribundaria subvaginata* M.Fleisch., *nom. nud.* Excluded: original specimen destroyed [4138: 333]
- Floribundaria thomeana* Müll.Hal., *nom. nud. in synon.* = *Fissidens patentissima* [4098: 283]
- Floribundaria vaginans* (Welw. & Duby) Broth. ANG(46), BUR(7168), CAF(47), CMN(47), ETH(111), GAB(47), GUI(47), KEN(411), MAU(105), MDG(40), MLW(67), NGA(7168), REU(105,3410), RIM(4639), SAO(47), TAN(46), UGA(3072), ZAI(2672).**
- Flowersia abyssinica* (Müll.Hal.) D.G.Griffin & W.R.Buck ERI(50), ETH(50).**

- Fontinalis abyssinica* Schimp. *nom. nud.* = *Fontinalis antipyretica* var. *antipyretica* [2695: 22]
Fontinalis antipyretica sensu Sim = *Fontinalis antipyretica* var. *gracilis* (1519: 534)
- Fontinalis antipyretica* var. *antipyretica* Hedw.** ERI(50,2695), ETH(2695), SAF(2695), UGA(7353).
Fontinalis antipyretica var. *erythraea* Tongiorgi = *Fontinalis antipyretica* var. *antipyretica* [2695: 22]
- Fontinalis antipyretica* var. *gracilis* (Hedw.) Schimp.** SAF(1531,8328).
Fontinalis antipyretica var. *duriaei* (Schimp.) Kindb. = *Fontinalis hypnoides* var. *duriaei* [1521]
Fontinalis disticha Sw., *nom. inval.* = *Neckeropsis disticha* [1521]
Fontinalis duriaei Schimp. = *Fontinalis hypnoides* var. *duriaei* [1521]
Fontinalis duthieae Dixon in Sim = *Wardia hygrometrica* [2695: 188; 1519: 538]
Fontinalis fiorii Tongiorgi = *Fontinalis duriaei* [2695: 179] (= *Fontinalis hypnoides* var. *duriaei*)
Fontinalis gracilis Lindb. = *Fontinalis antipyretica* var. *gracilis* (1519: 534)
Fontinalis hypnoides ssp. *duriaei* (Schimp.) Amann = *Fontinalis duriaei* [1521] (= *Fontinalis hypnoides* var. *duriaei*)
- Fontinalis hypnoides* var. *duriaei* (Schimp.) Husn.** ERI(50,2695), ETH(50).
Fontinalis hypnoides var. *duriaei* (Schimp.) Husn. = *Fontinalis duriaei* [1521] (= *Fontinalis hypnoides* var. *duriaei*)
Fontinalis juliana Savi ex DC. = *Fissidens fontanus* [8172: 405]. Note: see *Fissidens fontanus*.
Fontinalis pennata (Hedw.) L. ex Richter = *Neckera pennata* [1521]
- Fontinalis squamosa* var. *squamosa* Hedw.** SAF(1531,8328).
Forsstroemia borgenii (Renaud & Cardot) Paris = *Trachyphyllum borgenii* [1521]
Forsstroemia dendroides Dixon ex Sim, *nom. nud. in synonym.* = *Pterogonium gracile* [1911: 360]
Forsstroemia dixonii Tosco & Piovano = *Levierella fabroniacea* (3260)
Forsstroemia flagellacea (Müll.Hal.) Paris = *Forsstroemia producta* (408)
Forsstroemia incrassata (Broth.) Paris = *Forsstroemia producta* (408)
- Forsstroemia producta* (Hornsch.) Paris** ETH(408),
KEN(46,408,2661,3412,5315,6615,7065), MLW(67,408), RWA(65,408),
SAF(408,1531,7766,8328), TAN(46,408), UGA(46,408), ZAI(5319).
Forsstroemia producta var. *brachycystis* Thér. & P.de la Varde = *Forsstroemia producta* (408)
Funaria abyssinica Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper 1029*) from Ethiopia [50: 227].
- Funaria acicularis* Müll.Hal.** SAO(47).
Funaria ampliretis (Müll.Hal.) Broth. = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)
Funaria ampliretis var. *obtusata* (Sim) Wijk. & Margad. = *Funaria limbata* [83: 321] (= *Entosthodon limbatus*)
Funaria bergiana (Hornsch.) Broth. Note: see *Entosthodon bergianus*.
- Funaria bogosica* Müll.Hal.** ERI(50).
Funaria borbonica (Besch.) Broth. Note: see *Entosthodon borbonicus*.
Funaria calcarea var. *convexa* (Spruce) Husn. = *Entosthodon convexus* (6530)
Funaria calvescens Schwägr. = *Funaria hygrometrica* var. *calvescens* (1521)
Funaria calvescens var. *mauritiana* Besch. = *Funaria hygrometrica* var. *mauritiana* [40]
- Funaria cameruniae* Dixon** CMN(47).
Funaria campylopodioides (Müll.Hal.) Broth. = *Fissidens rottleri* [1911: 199] (= *Entosthodon rottleri*)
Funaria campylopus Brid. = *Funaria hygrometrica* (40: 210)
- Funaria chevalieri* P.de la Varde** CVI(2666,6453).
Funaria clavata (Mitt.) Magill. Note: see *Entosthodon clavatus*.
Funaria convexa Spruce = *Entosthodon convexus* (6530)
Funaria curvipes (Müll.Hal.) Broth. Note: see *Entosthodon curvipes*.
- Funaria decaryi* Thér.** MDG(40).
***Funaria delicatula* Thér.** MDG(40).
Funaria dieterlenii Thér. = *Funaria spathulata* (83: 329) (= *Entosthodon spathulatus*)
Funaria gracilescens (Müll.Hal.) Broth., *hom. illeg.* = *Funaria ampliretis* [1911: 297] (= *Entosthodon limbatus*)
Funaria gracilescens Schimp. ex Müll.Hal. = *Funaria hygrometrica* (83: 329)
Funaria gymnostoma Dixon = *Entosthodon bergianus* (83: 323)
Funaria harveyana Magill = *Funaria succuleata* (83: 321)
Funaria hildebrandtii (Müll.Hal.) Broth. Note: see *Entosthodon hildebrandtii*.
Funaria holstii (Broth.) Paris. Note: see *Entosthodon holstii*.
Funaria hygrometrica fo. *brevisetata* (Broth.) Cufod. Excluded: any records for this form have been associated with *Funaria hygrometrica* var. *calvescens*.
- Funaria hygrometrica* var. *calvescens* (Schwägr.) Kindb.** BIO(8180), BUR(65), CAF(47), CMN(47), COM(40), CVI(6453), ERI(50), ETH(50), GUI(47), IVO(1458), MAU(105), MDG(40,6908), MLW(67), NAM(7155), REU(105), RWA(65), SUD(3488), TAN(46), UGA(46), ZAI(65), ZAM(46).
- Funaria hygrometrica* var. *hygrometrica* Hedw.** CHA(51,4480,4507), CMN(47), CVI(2666), ETH(50,1927), KEN(46,5315), LES(1531,4897), MLW(67), NAM(1531),

REU(105), SAF(1531,7766,8328), SAO(47), SUD(1707), SWZ(1531), TAN(46), ZIM(46,61).

Funaria hygrometrica* var. *mauritiana (Besch.) Paris MAU(105), REU(105).

Funaria hygrometrica var. *planifolia* Rehmman ex Paris, *nom. nud.* = *Funaria hygrometrica* [1911: 298]

Funaria imerinensis Cardot in Grandid. MDG(40).

Funaria kilima-n'djarica Müll.Hal. ex Paris, *nom. illeg. orthogr.* = *Funaria kilimandscharica* [1521]

Funaria kilimandscharica Müll.Hal. KEN(46), TAN(46), ZAI(65).

Funaria lepervanchei (Besch.) Broth. Note: see *Entosthodon lepervanchei*.

Funaria limbata (Müll.Hal.) Broth. Note: see *Entosthodon limbatus*.

Funaria lonchopelma Müll.Hal. = *Funaria hygrometrica* (83: 329)

Funaria longicollis Dixon = *Entosthodon dixonii* (1911)

Funaria marginata (Müll.Hal.) Broth., *hom. illeg.* = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)

Funaria marginata var. *obtusata* (Sim) H.N.Dixon = *Funaria ampliretis* var. *obtusata* [1521]

Funaria marginatula (Geh.) Cardot Note: see *Entosthodon marginatulus*.

Funaria mauritiana (Schimp. ex Besch.) Broth. Note: see *Entosthodon mauritianus*.

Funaria mayottensis (Besch.) Broth. COM(40).

Funaria micropyxis (Müll.Hal.) Broth. = *Funaria limbata* (83: 320) (= *Entosthodon limbatus*)

Funaria nubica Müll.Hal. SUD(4378).

Funaria nutans (Mitt.) Broth. = *Entosthodon nutans* [2769]

Funaria pallescens Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia [50: 228]

Funaria perlaxa Thér. KEN(46), TAN(46), ZAI(65).

Funaria pertenella Broth. Note: see *Entosthodon pertenellus*.

Funaria plagiostoma Müll.Hal. = *Funaria hygrometrica* (83: 329)

Funaria renauldii (Thér.) Cardot = *Entosthodon renauldii* [1521]

Funaria rhomboidea J.Shaw NAM(1531,7155), SAF(1531,8328), ZIM(61).

Funaria robustior (Müll.Hal.) Broth. Note: see *Entosthodon robustior*.

Funaria rottleri (Schwägr.) Broth. Note: see *Entosthodon rottleri*.

Funaria rufinervis Dixon = *Entosthodon urceolatus* (83: 326)

Funaria schinzii (Geh.) Broth. = *Funaria rhomboidea* (83: 237)

Funaria serrata Rehmman in Sim, *nom. nud.*, *hom. illeg.* Excluded: an undescribed collection (*Rehmman 524*) from Cape Town, South Africa [1911: 449].

Funaria sickenbergeri Muell.Hal. Excluded: no records reported for sub-Saharan Africa.

Funaria spathulata Schimp ex Müll.Hal. Note: see *Entosthodon spathulatus*.

Funaria subleptopoda Hampe MDG(40).

Funaria submarginata (Muell.Hal.) Broth. Excluded: see *Entosthodon submarginatus*.

Funaria subserrata Rehmman ex Kindb., *nom. nud.* Excluded: this is probably a new name for *Funaria serrata* Rehmman in Sim, *nom. nud.*, *hom. illeg.*, as Kindberg refers back to this taxon, and the name *Funaria serrata* is already in use.

Funaria succuleata (Wager & C.H.Wright) Broth. ex Magill LES(1531), SAF(1531), ZIM(61).

Funaria transvaalensis Thér. ex Broth., *nom. illeg. incl. spec. prior.* = *Fissidens ampliretis* [1911: 297] (= *Entosthodon limbatus*)

Funaria transvaalensis Wager & Broth. in Wager, *nom. nud.* Excluded: no specimen or description available.

Funaria urceolata (Mitt.) Magill. Note: see *Entosthodon urceolatus*.

Funaria usambarica Broth. Note: see *Entosthodon usambaricus*.

Funaria volkensisii Broth. Note: see *Entosthodon volkensisii*.

Funaria volkensisii Broth. ex Paris, *nom. inval. in synon. orthogr.* = *Fissidens volkensisii* [1521]

Gammiella ceylonensis (Broth. in Herzog) B.C.Tan & W.R.Buck BIO(8180), MDG(40), MLW(7095), REU(8028), RWA(2675), SAF(7095,7482,8328), TAN(46), UGA(7095,7353).

Gammiella merrillii (Broth.) Tixier = *Gammiella ceylonensis* (406)

Garckea bescherellei Müll.Hal. ex Besch. = *Garckea phascoides* (2737: 282) (= *Garckea flexuosa*)

Garckea comosa (Dozy & Molk.) Wijk & Margad., *nom. illeg. incl. spec. prior.* = *Garckea flexuosa* (3699)

Garckea elongata Renauld & Cardot ZAI(65).

Garckea flexuosa (Griff.) Margad. & Nork. COM(40), MDG(40), REU(105), SEY(1926,2353), TAN(46), ZAI(65,7863).

Garckea hildebrandtii Müll.Hal. = *Garckea bescherellei* [1848: 282] (= *Garckea flexuosa*)

Garckea mathieui Thér. CAF(47), CMN(47), GAB(47), NGA(5148), SIE(47).

Garckea moenkemeyeri Müll.Hal. BEN(4302), BIO(2662), CAF(47), GAB(47), GUI(47,1458), IVO(1458), NGA(47), SIE(47).

Garckea phascoides Müll.Hal. = *Garckea flexuosa* (3699)

***Garckea phascoides* var. *comorensis* Thér. COM(40).**

Garckea phascoides var. *comorensis* Thér. Note: this variety should be re-assessed, as the owning species is now a synonym of *Garckea flexuosa*.

Garovaglia bescherellei Renaud = *Calypothecium bescherellei* [1521]

Garovaglia dusenii Müll.Hal. ex Broth., *nom. nud. in synon.* = *Renaudia dusenii* [1521]

Garovaglia mauritiana Müll.Hal. ex Renaud, *nom. inval. in synon.* = *Hildebrandtiella pachyclada* [4250: 295]

Garovaglia patentiformis Muell.Hal. ex M.Fleisch.[5492: 61], *nom. nud.* = *Pterobryopsis patentiformis* M.Fleisch., *nom. nud.* [1521] Excluded: an undescribed specimen from Madagascar.

Garovaglia patentissima (Hampe) Paris = *Renaudia patentissima* [1521]

Garovaglia patentissima var. *brevis* Paris, *nom. nud.* = *Renaudia patentissima* var. *tenuis* Thér. [1848: 342]

Garovaglia patentissima var. *tenuis* Renaud, *nom. nud.* = *Renaudia patentissima* var. *tenuis* Thér. [1521]

Garovaglia planifrons Renaud & Paris = *Calypothecium planifrons* (2)

Garovaglia rehmannii Müll.Hal. ex Reimers, *nom. nud. in synon.* = *Renaudia hoehnelii* [2864: 98] (= *Calypothecium hoehnelii*)

Garovaglia sikorae Müll.Hal. ex M.Fleisch., *nom. nud.* = *Pterobryopsis patentissima* var. *fasciculata* [1848: 342] (= *Renaudia patentissima* var. *patentissima*)

Garovaglia simplex Müll.Hal. ex Broth., *nom. nud. in synon.* = *Jaegerinopsis cameruniae* [9: 254] (= *Jaegerina scariosa*)

Garovaglia subspirosticta Müll.Hal. ex Thér., *nom. nud. in synon.* = *Renaudia hildebrandtielloides* [4361: 93]

Gigaspermum breutelii (Müll.Hal.) Müll.Hal. = *Gigaspermum repens* [1911: 289; 83: 299]

***Gigaspermum repens* (Hook.) Lindb. LES(1531,4897), MDG(40,7385), MLW(7273), NAM(1531,7155), SAF(1531,8328).**

Glossadelphus Note: this is no longer a valid genus [268]; it is a synonym of *Phyllodon*, and all species must be transferred to other genera. It is likely that most African species will go to *Taxiphylum*.

Glossadelphus abruptus (Mitt.) H.Rob. = *Glossadelphus truncatulus* (2733). Note: this Fernando Po taxon was also named as *Phyllodon abruptus* (Mitt.) B.C.Tan, but see note under *Phyllodon truncatus*.

Glossadelphus congolensis Broth. & P.de la Varde = *Ectropothecium zollingeri* (6809)

Glossadelphus congolensis var. *falcatus* Demaret & P.de la Varde = *Glossadelphus congolensis* (2733)

Glossadelphus eckendorffii P.de la Varde = *Glossadelphus perplanicaulis* (2733) (= *Phyllodon perplanicaulis*)

Glossadelphus euryphyllum P.de la Varde = *Sematophyllum caespitosum* (2733)

***Glossadelphus guineensis* (Broth. & Paris) Crosby, B.H.Allen & Magill GUI(47), MDG(2445).**

Glossadelphus nossibeanus Broth. ex P.de la Varde, *nom. inval. err.* = *Taxithelium nossianun* [1521]

Glossadelphus ovalifolius (Besch.) Broth. = *Ectropothecium ovalifolium* (268)

Glossadelphus perplanicaulis (Broth.) M.Fleisch. = *Phyllodon perplanicaulis* (6809)

Glossadelphus scutellifolius (Besch.) M.Fleisch. = *Phyllodon scutellifolius* (268)

***Glossadelphus semiscabrus* (Renaud & Cardot) Crosby, B.H.Allen & Magill MDG(40).**

Glossadelphus serpyllifolius P.de la Varde = *Bryocrumia vivicolor* (6309)

Glossadelphus truncatulus (Müll.Hal.) M.Fleisch. Note: see under *Phyllodon truncatus*.

Glossadelphus truncatus (Welw. & Duby) M.Fleisch. = *Phyllodon truncatus* (268)

***Glossadelphus viridis* (Renaud & Cardot) Crosby, B.H.Allen & Magill MDG(40).**

Glyphocarpa abyssinica Hampe ex Müll.Hal. = *Flowersia abyssinica* (182: 372)

Glyphocarpa capensis R.Br. = *Bartramia capensis* (83: 415)

Glyphocarpa laevisphaera Taylor = *Anacolia laevisphaera* [1521]

Glyphocarpa quadrata (Hook.) Schwaegr. = *Bartramia compacta* [1911: 304]

Glyphocarpa schimperii Hampe ex Sim, *nom. nud. in synon.* = *Bartramidula globosa* var. *tenuicaulis* [1911:305] (= *Philonotis globosa*)

Glyphocarpus abyssinicus (Müll.Hal.) Hampe ex A.Jaeger = *Anacolia abyssinica* [1521] (= *Flowersia abyssinica*)

Glyphocarpus aristarius (Müll.Hal.) Paris = *Breutelia aristaria* [1521] (= *Bartramia aristaria*)

Glyphocarpus aristarius var. *plumosus* Rehmann ex Müll.Hal., *nom. nud. in synon.* = *Breutelia aristaria* var. *plumosa* [1521] (= *Bartramia capensis*)

Glyphocarpus asperrimus Hampe ex A.Jaeger, *nom. nud. in synon.* = *Bartramia hampeana* [4329: 60]

Glyphocarpus breutelii A.Jaeger = *Bartramidula globosa* [4378: 90] (= *Philonotis globosa*)

Glyphocarpus capensis (R.Br.) Brid. = *Bartramia capensis* (83: 415)

Glyphocarpus comosus Hampe ex A.Jaeger = *Bartramidula comosa* [1521] (= *Philonotis comosa*)

Glyphocarpus comosus var. *nanus* Rehmann ex Dixon & A.Gepp = *Bartramidula comosa* [1911: 304] (= *Philonotis comosa*)

Glyphocarpus compactus (Hornsch.) A.Jaeger = *Bartramia compacta* var. *compacta* [1521]

Glyphocarpus humilis Rehmann ex Paris, *nom. nud.* = *Bartramidula globosa* [1911: 305] (= *Philonotis globosa*)

Glyphocarpus hymenodon Müll.Hal. ex Paris, *nom. nud.* = *Philonotis scabrifolia* [1911: 305]

Glyphocarpus insertus (Sull. & Lesq.) A.Jaeger = *Bartramia capensis* (83: 415)

Glyphocarpus laevisphaerus (Taylor) A.Jaeger = *Anacolia laevisphaera* [687]

Glyphocarpus macleanus Paris = *Bartramidula globosa* [1911: 305] (= *Philonotis globosa*)

Glyphocarpus pernanus (Müll.Hal.) Müll.Hal. ex Dixon & A.Gepp = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)

Glyphocarpus pilulifer Rehmann ex Kindb., *nom. nud.* = *Bartramidula comosa* [1911: 305] (= *Philonotis comosa*)

- Glyphocarpus pseudocomosus* Rehm ex Paris, *nom. nud.* Excluded: no description available.
Glyphocarpus quadratus (Hook.) Brid. = *Bartramia capensis* (83: 415)
Glyphocarpus schimperi Hampe ex Sim, *nom. inval. in synonym.* = *Bartramia globosa* var. *tenuicaulis* [1911: 305] (= *Philonotis globosa*)
Glyphocarpus scioanus Brizi = *Anacolia scioana* (1521)
Glyphocarpus sericeus (Hornsch.) A.Jaeger, *nom. illeg. incl. spec. prior.* = *Bartramia capensis* [1521; 83: 415]
Glyphocarpus subhumilis Kindb., *nom. nud.* = *Bartramidula globosa* [1911: 305] (= *Philonotis globosa*)
Glyphocarpus webbii Mont. = *Anacolia webbii* [1521]
Glyphomitrium crassinervium (Müll.Hal.) Broth. = *Ptychomitrium crassinervium* (1519: 473)
Glyphomitrium crispatum (Hedw.) Brid. = *Ptychomitrium crispatum* (1519: 474)
Glyphomitrium cucullatifolium (Müll.Hal.) Broth. = *Ptychomitrium cucullatifolium* (1519: 472)
Glyphomitrium depressum (Müll.Hal.) Broth. = *Ptychomitrium depressum* (1519: 469)
Glyphomitrium helenicum Mitt. = *Ptychomitrium helenicum* (1521)
Glyphomitrium krausei Schimp. ex A.Jaeger, *nom. nud.* = *Ptychomitrium krausei* [1521]. Excluded: see *Ptychomitrium krausei*.
Glyphomitrium marginatum Wager & Dixon = *Ptychomitrium subcrispatum* (1519: 466)
Glyphomitrium mucronatum (Müll.Hal.) Broth. = *Ptychomitrium mucronatum* [1521]. Excluded: see *Ptychomitrium mucronatum*.
Glyphomitrium obtusatum (Müll.Hal.) Broth. = *Ptychomitrium cucullatifolium* (1519: 472)
Gollania bartramiophila (Müll.Hal.) Broth. ex Paris. Excluded: Ando (4143) and Higuchi (926) believe from the original description that the only collection (made by Meyer in 1889 on Mt. Kilimanjaro) probably belongs to *Campyllum*, but have been unable to trace the type.
Gollania demaretii P.de la Varde in Demaret & Leroy = *Chryso-hypnum demaretii* (4146)
Gollania le-testui Dixon & P.de la Varde = *Herzogiella letestui* (4143)
Gollania monodii P.de la Varde = *Wikia monodii* [8360]
- Goniomitrium acuminatum* ssp. *africanum*** (Müll.Hal.) Fife LES(1531,4897), NAM(1531,7155,8024), SAF(1531,8328).
Goniomitrium africanum (Müll.Hal.) Broth. = *Goniomitrium acuminatum* ssp. *africanum* (581)
Goniomitrium breutelii Hampe ex Müll.Hal., *nom. nud. in synonym.* = *Gigaspermum repens* [1911: 289]
- Goniomitrium speluncae*** P.de la Varde CAF(47).
Goniomitrium speluncae P.de la Varde. Note: F. Müller (pers. comm.) says that the original description and illustration both indicate that this taxon is not a member of *Goniomitrium*; - awaiting revision.
- Grimmia abyssinica*** (Müll.Hal.) Mitt. CMN(47,7442), ETH(7442), KEN(7442), TAN(7442).
Grimmia abyssinica (Müll.Hal.) Mitt. Note: this taxon was treated in earlier versions of this list as a synonym of *Grimmia fuscolutea* based on (5453), but is here treated as a good species (7442).
Grimmia abyssinica Bruch & Schimp., *nom. nud.* = *Grimmia fuscolutea* (5453)
Grimmia aethiopica Müll.Hal. = *Schistidium flaccidum* (4902)
Grimmia affinis Hornsch. = *Grimmia longirostris* (4892)
Grimmia africana (Hedw.) Arnott = *Grimmia pulvinata* var. *africana* [1521] (= *Grimmia pulvinata*)
Grimmia afro-incurva Broth. = *Grimmia fuscolutea* (5453)
Grimmia afro-ovata Broth. & Thér. = *Grimmia longirostris* (5453)
Grimmia alaris Broth. = *Racomitrium alare* (1521)
Grimmia albicans Spreng. ex H.Moell., *nom. inval. in synonym. err.* = *Grimmia albida* Spreng. [1521] (= *Grimmia laevigata*)
Grimmia albida (Hedw.) F.Weber & D.Mohr = *Octoblepharum albidum* [1521]
Grimmia albida Spreng., *hom. illeg.* = *Grimmia laevigata* [8268: 25]
Grimmia alpicola var. *rivularis* (Brid.) Wahlenb. = *Schistidium rivulare* (6913)
Grimmia angustissima P.de la Varde = *Schistidium angustissimum* (355)
Grimmia apiculata Hornsch. = *Grimmia fuscolutea* (4900)
Grimmia apocarpa Hedw. = *Schistidium apocarpum* (1521)
Grimmia apocarpa ssp. *conferta* (Funck) Boulay = *Schistidium apocarpum* var. *confertum* (1521) (= *Schistidium confertum*)
Grimmia apocarpa var. *conferta* (Funck) Spreng. = *Schistidium apocarpum* var. *confertum* [1521] (= *Schistidium confertum*)
Grimmia apocarpa var. *stricta* Müll.Hal. ex Paris, *nom. nud.* = *Schistidium apocarpum* [1911: 207]
- Grimmia argyrotricha*** Müll.Hal. LES(4897), SAF(8328), TAN(46).
Grimmia assurgens J.Shaw. Excluded: this is a *Tortula* sp. [1911: 210]
Grimmia atrovirens Sm. = *Tortula atrovirens* (1420)
Grimmia austropatens Müll.Hal. = *Racomitrium crispulum* (82: 281)
Grimmia boschbergiana Müll.Hal. = *Schistidium apocarpum* [1911: 206; 82: 274]
Grimmia caffra Müll.Hal. = *Grimmia apocarpa* (82: 274)
Grimmia calyculata Müll.Hal. = *Grimmia longirostris* (5453)
Grimmia campestris Burch. ex Hook. = *Grimmia laevigata* [2584: 794; 5453]
- Grimmia campylotricha*** Müll.Hal. TAN(46).
Grimmia capillata De Not. CHA(4508).

- Grimmia commutata* Hueb., *nom. illeg. incl. spec. prior.* = *Grimmia ovalis* [8167: 93]
Grimmia comosa Dozy & Molk. = *Garckea phascoides* [2584: 424] (= *Garckea flexuosa*)
Grimmia conferta Funck = *Schistidium apocarpum* var. *confertum* [1521] (= *Schistidium confertum*)
Grimmia controversa (Hedw.) F.Weber & D.Mohr = *Weissia controversa* [1521]
Grimmia crassa Spreng. = *Tortula muralis* [8258: 14]
Grimmia cribrodontia Herzog = *Schistidium cribrodontium* (355)
Grimmia crispata (Hedw.) Spreng. = *Ptychomitrium crispatum* [1521]
Grimmia crispula (Hook.f. & Wilson) Müll.Hal. = *Racomitrium crispulum* [1521]
Grimmia curvirostris Schrad. ex F.Weber & D.Mohr, *nom. illeg. incl. spec. prior.* = *Bryoerythrophyllum recurvirostrum* [1521]
Grimmia depilis Müll.Hal. = *Schistidium apocarpum* [1911: 206; 82: 274]
Grimmia donniana Sm. LES(4897), SAF(8328), TAN(146).
Grimmia drakenbergensis Sim = *Grimmia pulvinata* (53: 23)
Grimmia dura Müll.Hal. ex Broth. = *Racomitrium durum* [1521] (= *Racomitrium subsecundum*)
Grimmia dusenii Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 320) from Cameroon.
Grimmia ecklonii Spreng. = *Grimmia pulvinata* var. *africana* [4800: 197] (= *Grimmia pulvinata*)
Grimmia elatior Bruch ex Bals.-Criv. & De Not. MDG(40).
Grimmia elongata Kaulf. MDG(40), REU(105,4900), SAF(8328).
Grimmia erythraea (Müll.Hal.) Cufod. ERI(50).
Grimmia fugax (Hedw.) Steud., *nom. inval. in synon.* = *Rhabdoweisia fugax* [1521]
Grimmia fuscolutea Hook. CMN(47), ETH(50), KEN(46,5315), LES(3012,4897), SAF(3012,8328), TAN(46), UGA(46,5696), ZAI(65).
Grimmia genuflexa Müll.Hal. = *Racomitrium crispulum* [4949: 331]
Grimmia gracilis (Hedw.) F.Weber & D.Mohr = *Pterogonium gracile* [1521]
Grimmia heterosticha (Hedw.) Müll.Hal. = *Racomitrium heterostichum* [1521]
Grimmia hoffmannii Müll.Hal. = *Schistidium flaccidum* (4902)
Grimmia immergens Müll.Hal. = *Grimmia longirostris* (5453)
Grimmia incurva Schwägr. UGA(5696).
Grimmia kidderi James ASC(4900).
Grimmia laevigata (Brid.) Brid. CHA(4507,4508,4527), CVI(2666,6453), ETH(50,1927), KEN(46), LES(1531,4897), NAM(6798,7155,8024), REU(105), SAF(1531,7766,8328), SOC(7778), SUD(1419), TAN(46), UGA(46).
Grimmia leptotricha Müll.Hal. = *Grimmia pulvinata* (82: 274)
Grimmia leucophaea Grev. = *Grimmia laevigata* (5453)
Grimmia levigata Brid. ex Loeske, *nom. inval. in synon.* = *Grimmia laevigata* [1521]
Grimmia lisae De Not. CHA(4508,4527), CVI(2666,6453), ETH(1927), KEN(46), TAN(46).
Grimmia longicaulis Dixon KEN(46).
Grimmia longicaulis Dixon. Note: this taxon is a species of *Schistidium* (5453).
Grimmia longirostris Hook. CMN(4892), ETH(50,1927,4892), KEN(46,3412,4892,5315), LES(4892,4897), MDG(4892), REU(3012,4892), SAF(4892,8328), SOC(7778), TAN(46,4892), UGA(46,4892), ZIM(61).
Grimmia macleana Rehm ex Kindb., *nom. nud.* = *Grimmia pulvinata* [1911: 209]
Grimmia madagassa Renauld & Cardot = *Grimmia elatior* (5453)
Grimmia maido Greven = *Grimmia longirostris* (4892)
Grimmia mairei Cardot & Copp. = *Grimmia capillata* (5453)
Grimmia mammosa C.H.Gao & Cao MLW(66).
Grimmia maritima var. *australis* Hampe ex Müll.Hal., *nom. nud. in synon.* = *Schistidium apocarpum* [1911: 206]
Grimmia membranacea Mitt. = *Racomitrium crispulum* [5340: 72]
Grimmia nigroviridis Müll.Hal. = *Racomitrium nigroviride* (82: 279) (= *Racomitrium lamprocarpum*)
Grimmia nigroviridis var. *robustusculum* Müll.Hal. = *Racomitrium nigroviride* (82: 279) (= *Racomitrium lamprocarpum*)
Grimmia obtusolinealis Müll.Hal. ETH(1927,7834), TAN(46).
Grimmia obtusolinearis Hedw. Note: this is an orthographic error in Kis (46) for *Grimmia obtusolinealis*.
Grimmia oranica Müll.Hal. = *Schistidium apocarpum* [1911: 206]
Grimmia ornithopodioides F.Weber & D.Mohr = *Pterogonium gracile* (1521)
Grimmia ovalis (auct. afr., non (Hedw.) Lindb.) Lindb. = *Grimmia affinis* (355). Note: the distribution for this taxon has been confirmed with Dr. R. Ochyra.
Grimmia ovalis (Hedw.) Lindb. LES(1531), SAF(1531).
Grimmia ovata F.Weber & D.Mohr = *Grimmia ovalis* [8268: 25] Note: see under *Grimmia ovalis*.
Grimmia perichaetialis P.de la Varde = *Schistidium perichaetiale* (355)
Grimmia perichaetialis var. *pilifera* Demaret = *Schistidium perichaetiale* var. *pilifera* (355)

- Grimmia pomiformis* (Hook.) Brid. = *Hypodontium pomiforme* [1521]
Grimmia preussii Broth. ex Paris, *nom. nud.* Excluded: no description available (specimen from Cameroon).
Grimmia pseudoacicularis Müll.Hal. = *Racomitrium nigroviride* (82: 279) (= *Racomitrium lamprocarpum*)
Grimmia pulvinata var. *africana* (Hedw.) Hook.f. & Wilson in Hook.f. = *Grimmia pulvinata* (5453)
Grimmia pulvinata var. *obtusata* (Brid.) Hueb., *nom. illeg. incl. var. prior.* = *Grimmia pulvinata* var. *africana* [1521] (= *Grimmia pulvinata*)
- Grimmia pulvinata* var. *pulvinata*** Hedw. CHA(4508,4527), ETH(50), LES(1531,4897), NAM(1531,7155,8024), SAF(1531,4897,4900,7766,8328).
Grimmia recurvirostris (Hedw.) Turner = *Bryoerythrophyllum recurvirostrum* [1521]
- Grimmia reflexidens*** Müll.Hal. SAF(8328).
Grimmia sanii Greven = *Grimmia fuscolutea* (4900)
Grimmia schimperi Bruch & Schimp. ex Müll.Hal. = *Grimmia longirostris* (4892)
Grimmia senilis J.Shaw = *Grimmia laevigata* (53: 23)
Grimmia sphaerica Schimp., *nom. illeg. incl. spec. prior.* = *Schistidium apocarpum* var. *pulvinatum* (1521) (= *Schistidium flaccidum*)
Grimmia subleucophaea Müll.Hal. = *Grimmia laevigata* (5453)
Grimmia suspecta Paris = *Schistidium apocarpum* [1911: 234]
Grimmia trichophylla var. *brachycarpa* De Not. = *Grimmia lisae* (5453)
Grimmia trichophylla var. *lisae* (De Not.) Boulay = *Grimmia lisae* (2407)
- Grimmia trichophylla* var. *trichophylla*** Grev. BIO(8180), CHA(4534,4565), CVI(2666), RWA(65), SAF(8328), SOC(7778).
- Grimmia unicolor*** Hook. UGA(5696).
Grimmia vulcanica Besch. = *Grimmia elongata* (5453)
Groutiella elimbata (Thér.) O'Shea = *Cardotiella elimbata* (3007)
- Groutiella laxotorquata*** (Besch.) Wijk & Margad. CAF(47,355), CMN(47), COM(40), CVI(2666,6453), GAB(47), GHA(47), GUI(47), IVO(44,1880), MAU(105), MDG(40), NGA(47,334,5148,5176), SIE(47,3216), TAN(46), TOG(58,1878), UGA(4282), ZAI(65), ZAM(62,411).
Groutiella limbatula (Broth. & Paris) Wijk & Margad. = *Groutiella laxotorquata* (47: 500)
Groutiella pleurosigoidea (Paris & Broth.) Wijk & Margad. = *Groutiella laxotorquata* (47: 500)
Groutiella pobeginii (Paris & Broth.) Wijk & Margad. = *Groutiella laxotorquata* (47: 500)
Groutiella sarcotricha (Müll.Hal. ex Broth.) Wijk & Margad. = *Groutiella laxotorquata* (47: 500)
- Groutiella thraustophylla*** (Broth.) Wijk & Margad. CMN(47).
Groutiella tomentosa auct. afr. (*non* (Hornsch.) Wijk & Margad.) = *Groutiella laxotorquata* (46)
Guembelia abyssinica Müll.Hal. = *Grimmia abyssinica* [1521]
Guembelia dusenii Müll.Hal. ex Paris, *nom. nud.* Excluded: no description available (*Dusén* 320, Cameroon).
Guembelia erythraea Müll.Hal. ex Brizi = *Grimmia erythraea* [50: 227]
Guembelia ovalis (Hedw.) Müll.Hal. = *Grimmia ovalis* [1521]
Guembelia - see *Guembelia*
Gymnocephalus palustris (Hedw.) Schwaegr. = *Aulacomnium palustre* [1521]
Gymnocybe palustris (Hedw.) Fries = *Aulacomnium palustre* [1521]
Gymnocybe turgida (Wahlenb.) Lindb. = *Aulacomnium turgidum* [1521]
- Gymnostomiella erosulum*** (Müll.Hal. ex Dusén) Arts BUR(65,4669), CMN(47,4669), CVI(2666,6453), SIE(47), UGA(5696).
- Gymnostomiella monodii*** P.de la Varde MTN(51,287,4669,6996).
Gymnostomiella tanganyikae De Sloover = *Gymnostomiella erosulum* (4669)
- Gymnostomiella tuberculosa*** (Renauld & Paris) Arts & P.Sollm. MDG(40).
Gymnostomiella vernicosa (Hook.) M.Fleisch. Note: this taxon (previously reported for Cape Verde Islands) has now been identified as var. *tenerum* (4669)
- Gymnostomiella vernicosa* var. *tenerum*** (Müll.Hal. ex Dusén) Arts CAF(47), COM(4669), CVI(4669), KEN(4669), LBR(47,4669), REU(4669), TAN(4669), ZAI(65), ZAM(4669).
- Gymnostomum aeruginosum*** Sm. CHA(4534,4565), CVI(2666,6453), LES(1531), NAM(6798,7155), REU(8028), SAF(1531,8328), SUD(6417), TAN(46).
Gymnostomum aestivum Hedw. = *Anoetangium aestivum* [1521]
Gymnostomum afrum Sim = *Didymodon ceratodonteus* [1911: 256]
Gymnostomum bartramioides Arn. = *Bartramia compacta* [1521]
- Gymnostomum bescherellei*** Broth. & Geh. ASC(1296,5340).
Gymnostomum beusii Sim ex Broth., *nom. illeg. orthogr.* = *Gymnostomum bewsii* [1521]
- Gymnostomum bewsii*** Dixon LES(1531,4897), SAF(1531,8328).

Gymnostomum bewsii Sim ex Dixon. Note: some specimens of this taxon were misidentified by Dixon as *Anoetangium wilmsianum* (see 82: 186) and the taxon was treated as a synonym of *Anoetangium wilmsianum* in *Index Muscorum* (1521). It is accepted here as a good species.

Gymnostomum caespiticium F.Weber & D.Mohr. Excluded: this taxon, currently known as *Blindia caespiticia*, is reported by *Index Muscorum* as being present in sub-Saharan Africa, but no report has been found.

***Gymnostomum calcareum* Nees & Hornsch. CHA(4507,4508,4527,4534,4565), CVI(2666), ETH(4537,6137), LES(4897), MLW(67), REU(8028), SAF(4537,4670), SUD(207), TAN(7833).**

Gymnostomum calcareum Nees & Hornsch. Note: this taxon has been synonymised with *Gymnostomum aeruginosum* in North America and South Africa because they intergrade, but this is not the case in Europe, and other African species are yet to be examined. Both species are thus recognised here.

Gymnostomum capense (R.Br.) Hook. = *Bartramia capensis* (83: 415)

Gymnostomum ceratodonteum (Müll.Hal.) Paris = *Didymodon ceratodonteus* [1521]

Gymnostomum chloropus Besch. = *Hymenostomum chloropus* [1521] (= *Weissia ayresii*)

Gymnostomum ciliatum (Hedw.) Lag., D.Garcia & Clemente = *Hedwigia ciliata* [1521]

Gymnostomum compactum Schleich., *nom. illeg. incl. spec. prior.* = *Anoetangium aestivum* [1521]

Gymnostomum cucullatum (Müll.Hal.) A.Jaeger = *Hymenostomum cucullatum* [1521] (= *Weissia cucullata*)

Gymnostomum curvirostre Hedw. ex Brid., *nom. illeg. incl. spec. prior.* = *Hymenostylium recurvirostrum* [1521]

Gymnostomum dimorphum (Müll.Hal.) Sim = *Didymodon ceratodonteus* (82: 233)

Gymnostomum euchloron Schwaegr. = *Anoetangium euchloron* [1521] (= *Anoetangium aestivum*)

Gymnostomum eurystomum (Sendtn.) Lindb. & Arnell = *Physcomitrium eurystomum* [1521]

Gymnostomum flexifolium Burch. ex Mellis, *nom. nud. in synon.* = *Physcomitrium flexifolium* [4202: 361]

Gymnostomum fragillifolium Dixon ex Sim, *nom. nud. in synon.* = *Chionoloma bombayense* [7961: 37]

Gymnostomum gracile (Wager ex Dixon) Dixon [*non* (R.Br.) Hook.] = *Didymodon ceratodonteus* (1420)

Gymnostomum imberbe Sm. = *Hedwigidium integrifolium* [8254: 14; 1519: 548]

Gymnostomum involutum Hook. = *Hyophila involuta* (82: 228)

Gymnostomum julaceum Hook. = *Aongstroemia julacea* (82: 120)

Gymnostomum keniae P.de la Varde = *Anoetangium keniae* (1420).

***Gymnostomum leptostomum* Brid., *nom. illeg.* MDG(40).**

Gymnostomum lessonii Besch. ex Paris, *nom. illeg. err.* = *Gymnostomum lessonii* [1521]. Note: see under *Gymnostomum lessonii*.

***Gymnostomum lessonii* Besch. ASC(2322,5340).**

Gymnostomum lessonii Besch. Excluded: according to Zander [1420], this is a species of *Racopilum*.

***Gymnostomum lingulatum* Rehmann ex Sim SAF(1531,8328).**

Gymnostomum longirostre Bruch & Schimp. ex Müll.Hal., *nom. nud. in synon.* = *Pottia longirostris* [1521] (= *Hennediella limbata*)

Gymnostomum microstomum var. *rutilans* (Hedw.) F.Weber & D.Mohr ex Huebener, *nom. inval. in synon.* = *Weissia rutilans* [1521]

Gymnostomum niloticum Delile = *Micropoma niloticum* [1521; 83: 314] (= *Physcomitrium niloticum*)

Gymnostomum obtusatum Rehmann ex Kindb., *nom. nud.* Excluded: no description available (*Rehmann 436*, Transvaal).

Gymnostomum oranicum Rehmann ex Paris, *nom. nud.* = *Weissia crispata* (1911: 252) (= *Weissia controversa*)

Gymnostomum pottsii (Dixon) Sim = *Didymodon ceratodonteus* (82: 233)

Gymnostomum quadratum (Hook.) Hook. = *Bartramia compacta* [1911: 304]

Gymnostomum recurvirostris Hedw. = *Hymenostylium recurvirostrum* (82: 182)

Gymnostomum rigescens (Müll.Hal.) Bruch & Schimp. ex De Not. = *Hymenostylium rigescens* (1521)

Gymnostomum rottleri Schwägr. = *Funaria rottleri* (83: 325) (= *Entosthodon rottleri*)

Gymnostomum rutilans Hedw. = *Weissia rutilans* (1521)

Gymnostomum scaturiginosum Besch. = *Hymenostylium scaturiginosum* [1521]

Gymnostomum secundum (Müll.Hal.) A.Jaeger = *Molendoa sendtneriana* (1420)

Gymnostomum socotranum (Mitt.) Kindb. = *Hymenostomum socotranum* [1521] (= *Weissia socotrana*)

Gymnostomum spathulatum Hornsch. = *Physcomitrium spathulatum* (83: 318)

***Gymnostomum splachnobryoides* Bizot ZAI(65).**

Gymnostomum viridulum Brid. Note: this taxon is treated as a synonym of *Gymnostomum calcareum* by Ignatov & Afonina (2185), but as a distinct species by Blockeel & Long (4793); the latter is followed here.

***Gymnostomum viridulum* Brid. SOM(4537).**

Gymnostomum wageri Schelpe = *Didymodon ceratodonteus* (82: 235)

Gymnostomum xanthocarpum Hook. = *Hymenostylium recurvirostrum* [5485: 108]

Gyrowesia amplexicaulis Sim = *Husnotiella latifolia* (53: 23) (= *Didymodon tophaceopsis*)

Gyrowesia hildebrandtii (Müll.Hal.) Kindb. = *Hymenostylium hildebrandtii* (1420)

Gyrowesia latifolia Dixon = *Husnotiella latifolia* (82: 221) (= *Didymodon tophaceopsis*)

Gyrowesia latifolia var. *tanneri* Bizot ex Pócs = *Husnotiella latifolia* var. *tanneri* (46)

Gyrowesia pocsii Bizot = *Weisiopsis nigeriana* (1420)

***Gyrowesia reflexa* (Brid.) Schimp. SOC(2374,5613).**

Gyrowesia tophicola (Müll.Hal.) Kindb. = *Hymenostylium recurvirostrum* (1420)

Habrodon erythraeus Müll.Hal. ex M.Fleisch., *nom. nud.* Excluded: see *Lindbergia erythraea*.

Haplocladium afrocapillatum (Broth.) Broth. = *Haplocladium angustifolium* [5268: 267]

- Haplocladium amplexicaule* (Müll.Hal.) Broth. = *Haplocladium angustifolium* [1911: 384]
- Haplocladium angustifolium*** (Hampe & Müll.Hal.) Broth. KEN(411,3412,5315), LES(4897), RWA(6489), SAF(1531,3411,4897,7766,8328), TAN(46,6489), UGA(46,5696), ZAI(65), ZAM(46), ZIM(46,61).
- Haplocladium angustifolium* var. *afrocapillatum* (Broth.) Thér. = *Haplocladium angustifolium* [5268: 267]
- Haplocladium angustifolium* var. *viride* Broth. & Bryhn = *Haplocladium angustifolium* [1911: 384]
- Haplocladium jacquemontii*** (Müll.Hal.) Broth. ETH(50).
- Haplocladium jacquemontii* (Müll.Hal.) Broth. Note: Reimers (5268) says that this taxon is not a *Haplocladium* but a *Pseudoleskea*, and synonymises it with *Pseudoleskea dispersa* as *Haplocladium dispersum* (Müll.Hal.) Reimers (a combination not recorded in *Index Muscorum* (1521) or MOST). However, *Pseudoleskea dispersa* is treated as a synonym of *Hylocomiopsis cylindricarpa* by Kis (46). Thériot (4983) described and illustrated *Haplocladium jacquemontii* in his revision of the genus for Africa, in the same year in which he described *Hylocomiopsis cylindricarpa*, and his descriptions and illustrations appear to be of two different taxa. This has yet to be resolved.
- Haplocladium transvaaliense* Müll.Hal. = *Haplocladium angustifolium* [1911: 384]
- Haplodontium breutelii* (Müll.Hal.) Broth. ex Paris. Excluded: see note under *Weissia reticulata*.
- Haplodontium clavatum* Broth. Excluded: see note under *Weissia reticulata*.
- Haplodontium nitidum* P.de la Varde = *Mielichhoferia vardei* (1532)
- Haplodontium notarisii* (Mitt.) Broth. = *Brachymenium notarisii* (3434)
- Haplodontium ovale* (Mitt.) Broth. = *Mielichhoferia ovalis* (1532)
- Haplodontium pusillum* Cardot = *Mielichhoferia cardotii* (1532)
- Haplodontium reticulatum* (Hook.) Broth. Excluded: see note under *Weissia reticulata*.
- Haplohymenium abbreviatum* Kindb., nom. nud. Excluded: an undescribed specimen from Ethiopia.
- Haplohymenium exile* (Mitt.) Broth. = *Anomodon pseudotristsis* (4464)
- Haplohymenium pseudotristsis* (Müll.Hal.) Broth. = *Anomodon pseudotristsis* (4464)
- Haplohymenium pseudotristsis* var. *robustum* Bizot = *Anomodon pseudotristsis* (5214)
- Haplohymenium tenuissimum* (Besch.) Broth. = *Anomodon pseudotristsis* (5214)
- Haplohymenium triste* (Ces.) Kindb. = *Anomodon tristis* (4464)
- Haptymenium curtispiculum* (Hedw.) Fuernr. = *Antitrichia curtispiculum* [1521]. Note: see *Antitrichia curtispiculum*.
- Harpidium fluitans* (Hedw.) Spruce = *Drepanocladus fluitans* [1521] (= *Warnstorfia fluitans*)
- Harpidium uncinatum* (Hedw.) C.E.O.Jensen = *Drepanocladus uncinatus* [1521] (= *Sanionia uncinata*)
- Harrisonia breuteliana* Müll.Hal. = *Rhacocarpus rehmannianus* [1911: 353]
- Harrisonia caespiticia* (F.Weber & D.Mohr) Hampe. Excluded: see *Blindia caespiticia*.
- Harrisonia capensis* Schimp. ex Müll.Hal., nom. nud. in synonym. = *Rhacocarpus rehmannianus* [1911: 353]
- Harrisonia ciliata* Spreng. ex Huebener = *Hedwigia ciliata* [1521]
- Harrisonia cucullata* Rehm ex Geh., nom. nud. = *Rhacocarpus rehmannianus* [5567: 391]
- Harrisonia cuspidata* Rehm ex Geh., nom. nud. = *Rhacocarpus ecklonianus* [1911: 352] (= *Rhacocarpus purpurascens*)
- Harrisonia eckloniana* Müll.Hal. = *Rhacocarpus ecklonianus* [1521] (= *Rhacocarpus purpurascens*)
- Harrisonia gracillima* Müll.Hal. = *Rhacocarpus ecklonianus* [1911: 352] (= *Rhacocarpus purpurascens*)
- Harrisonia humboldtii* (Hook.) Spreng. = *Rhacocarpus purpurascens* [10: 721]
- Harrisonia humboldtii* var. *rufipila* Renaud & Cardot = *Rhacocarpus purpurascens* var. *rufipila* [1521] (= *Rhacocarpus purpurascens*)
- Harrisonia pilifera* Rehm ex Geh., nom. nud. = *Rhacocarpus ecklonianus* [6793: 292] (= *Rhacocarpus purpurascens*)
- Harrisonia purpurascens* (Brid.) Müll.Hal. = *Rhacocarpus purpurascens* [1521]
- Harrisonia rehmanniana* Müll.Hal. = *Rhacocarpus rehmannianus* [1521]
- Harrisonia rehmannii* Müll.Hal. ex Geh. = *Rhacocarpus rehmannianus* [5567: 391]
- Harrisonia saldanhae* Müll.Hal. = *Harrisonia breuteliana* [5567: 392] (= *Rhacocarpus rehmannianus*)
- Harrisonia schimperiana* Hampe, adnot. nom. nud. = *Braunia schimperii* [1506: 105]
- Hedwigia aestiva* (Hedw.) Hook. = *Anoetangium aestivum* [1521]
- Hedwigia albicans* Lindb., nom. illeg. incl. spec. prior. = *Hedwigia ciliata* [1521]
- Hedwigia albicans* var. *leucophaea* (Bruch & Schimp.) Limpr. = *Hedwigia ciliata* var. *leucophaea* (1521)
- Hedwigia caespiticia* (F.Weber & D.Mohr) Pyl. ex Steud., nom. inval. in synonym. Excluded: see *Blindia caespiticia*.
- Hedwigia ciliata* fo. *leucophaea* (Bruch & Schimp.) G.N.Jones. Note: see *Hedwigia ciliata* var. *leucophaea* Bruch, Schimp. & W.Gümbel.
- Hedwigia ciliata* fo. *macowaniana* (Müll.Hal.) M.Fleisch. = *Hedwigia ciliata* (1519: 545)
- Hedwigia ciliata* var. *ciliata*** (Hedw.) Ehrh. ex P.Beauv. CVI(2666,6453), ETH(1927), KEN(46,3412,5315,6615), LES(1531,4897), MDG(40), MLW(67), RWA(65), SAF(1531,7766), TAN(46), UGA(46), ZAI(65), ZIM(7623).
- Hedwigia ciliata* var. *leucophaea*** Bruch, Schimp. & W.Gümbel KEN(46), TAN(46), UGA(46).
- Hedwigia compacta* Pyl. ex Steud., nom. nud. in synonym. = *Gymnostomum compactum* [8168: 196] (= *Anoetangium aestivum*)
- Hedwigia humboldtii* (Hook.) Hook. = *Rhacocarpus purpurascens* [10: 721]
- Hedwigia imberbis* (Sm.) Spruce = *Hedwigidium integrifolium* [8254: 14.]
- Hedwigia integrifolia* P.Beauv. = *Hedwigidium integrifolium* (1521)

- Hedwigia joannis-meyeri* Müll.Hal. = *Hedwigia ciliata* [10: 715]
Hedwigia johannis-meyeri Müll.Hal. ex Paris, *nom. illeg. orthogr.* = *Hedwigia joannis-meyeri* [1521] (= *Hedwigia ciliata*)
Hedwigia macowani Müll.Hal. ex Dixon & A.Gepp, *nom. illeg. incl. spec. prior.* = *Hedwigia ciliata* [4780: 403; 1519: 545]
Hedwigia macowaniana Müll.Hal. = *Hedwigia ciliata* [4780: 403; 1519: 544]
Hedwigia repens (Hook.) Wilson in Hook. = *Gigaspermum repens* [1521]
Hedwigia rupestris Mitt. = *Braunia rupestris* (1521)
Hedwigia schimperiana Bruch, Schimp. & W.Gümbel, *nom. inval. in synon.* = *Braunia schimperii* (1521)
Hedwigia secunda Hook. = *Braunia secunda* (1521)
Hedwigidium ciliatum (Hedw.) Hartm. = *Hedwigia ciliata* [1521]
Hedwigidium erosum (Müll.Hal.) Paris = *Hedwigidium integrifolium* [1911: 349]
Hedwigidium imberbe (Sm.) Bruch, Schimp. & W.Gümbel = *Hedwigidium integrifolium* [8254: 14]
- Hedwigidium integrifolium*** (P.Beauv.) Dixon in C.E.O.Jens. BIO(8180), CMN(47), CVI(6453), KEN(46,6615), LES(1531,4897), REU(105), RWA(46,65), SAF(1531,8328), SWZ(1531), TAN(46), UGA(46), ZAI(65), ZIM(61).
Hedwigidium maritimum (Müll.Hal.) Paris = *Hedwigidium integrifolium* (1519: 548)
Hedwigidium maritimum var. *rufescens* Paris, *nom. nud.* = *Hedwigidium integrifolium* [1911: 350; 1519: 548]
Hedwigidium montis-deorum M.Fleisch., *nom. nud.* Excluded: no specimen available.
Hedwigidium teres (Müll.Hal.) Paris = *Hedwigidium integrifolium* [8254: 14]
- Helicodontium fabroniopsis*** Müll.Hal. MDG(40).
Helicodontium guineense Broth. & Paris GUI(47).
Helicodontium hildebrandtii Müll.Hal. ex M.Fleisch., *nom. nud. in synon.* = *Helicodontium fabroniopsis* [4780: 407]
Helicodontium jacobi-felicis P.de la Varde CMN(47).
Helicodontium lanceolatum (Hampe & Müll.Hal.) A.Jaeger MAU(3410), SAF(1531,3410,7766,8328).
Helicodontium usagarum (Mitt.) Lindau TAN(46).
Helicodontium usagarum Müll.Hal. ex Kindb, *nom. nud.* Excluded: no specimen indicated.
Heliconema cryptocarpus (Dozy & Molk.) L.T.Ellis & A.Eddy, *nom. inval.* = *Chameleion cryptocarpus* (Dozy & Molk.) Ellis & Eddy in Eddy (755).
- Henicodium geniculatum*** (Mitt.) W.R.Buck CAF(47), CMN(47), GAB(47), GHA(47), IVO(44), NGA(47,5148), SUD(1339,3076), ZAI(65).
Henicodium niam-niamiae (Müll.Hal.) Kindb. = *Henicodium geniculatum* [1339: 534]
- Hennediella limbata*** (Mitt.) R.H.Zander ETH(50), KEN(46).
Hennediella longipedunculata (Müll.Hal.) R.H.Zander KEN(46), NAM(1531,7155), SAF(1531,8328).
Hennediella longirostris (Hampe ex Müll.Hal.) R.H.Zander = *Hennediella limbata* (1420)
- Hennediella stanfordensis*** (Steere) Blockeel KEN(7251).
Herpetineuron toccocae (Sull. & Lesq.) Cardot CAF(47), CVI(2666), ETH(111), GUI(47), MDG(3075), MLW(67,6087), SAF(1531,8328), TAN(46), ZAI(5319).
Herzogiella cylindricarpa (Cardot) Z.Iwats. RWA(65), TAN(6217).
Herzogiella letestui (Dixon & P.de la Varde) Ando GAB(47).
Herzogiella seligeri (Brid.) Z.Iwats. TAN(46).
Heterocladium gastrodes (Welw. & Duby) A.Jaeger = *Trachyphyllum gastrodes* (1521)
Heterodon bryoides (Hedw.) Raf. = *Fissidens bryoides* [1521]
Heterophyllum albescens P.de la Varde. Excluded: see Watling & O'Shea (4720)
Heterophyllum albo-alare (Broth.) Broth. = *Rhacopilopsis variegata* (4720).
Heterophyllum brachycormum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 260), from Cameroon.
Heterophyllum brachyoxum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen from Cameroon.
Heterophyllum brevihorridum Müll.Hal. ex Paris, *nom. nud.* = *Rhaphidorrhynchium brevihorridum* [1521]
- Heterophyllum bulbiferum*** Dixon CMN(47).
Heterophyllum flagellicaule Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 667), from Cameroon.
Heterophyllum flexile (Renauld & Cardot) Thér. & P.de la Varde = *Rhacopilopsis flexilis* (717) (= *Rhacopilopsis variegata*).
Heterophyllum guineense (Broth. & Paris) Broth. = *Rhacopilopsis guineensis* (717) (= *Rhacopilopsis variegata*).
- Heterophyllum humbertii*** P.de la Varde ZAI(65).
Heterophyllum julicaule (Broth. & Paris) Broth. = *Rhacopilopsis guineensis* (717) (= *Rhacopilopsis variegata*).
Heterophyllum julicaule var. *auriculatum* P.de la Varde = *Rhacopilopsis guineensis* (717) (= *Rhacopilopsis variegata*).

- Heterophyllum kilimandscharicum* (Broth. & P.de la Varde) Thér. & P.de la Varde (= "*kilimanjaricum*") = *Rhacopilopsis kilimandscharica* (717) (= *Rhacopilopsis trinitensis*).
- Heterophyllum pseudobrachythecium* Müll.Hal. ex Paris, *nom. nud. in synon.* = *Rhaphidorrhynchium pseudobrachythecium* [1521] (= *Sematophyllum subsimplex*)
- Heterophyllum rigidicaule* Müll.Hal. ex Paris, *nom. nud.* = *Trismegistia rigidicaulis* [1521]. Note: see under *Trismegistia rigidicaulis*.
- Heterophyllum scabrifolium*** J.Taylor & P.de la Varde RWA(65), SIE(47).
Heterophyllum transvaaliense (Thér. & Dixon) Thér. & P.de la Varde = *Rhacopilopsis transvaaliensis* (717) (= *Rhacopilopsis trinitensis*).
Heterophyllum variegatum (Welw. & Duby) Broth. = *Rhacopilopsis variegata* (4720)
Heterophyllum albi-alare Müll.Hal. ex Paris, *nom. nud.* = *Wikia trichocolea* [717]
Hildebrandtiella cameruniae (Dusén) Paris = *Orthostichidium cameruniae* [1521] (= *Orthostichidium involutifolium*)
- Hildebrandtiella cuspidans*** Besch. COM(40).
- Hildebrandtiella endotrichelloides*** Müll.Hal. COM(40), MDG(40).
Hildebrandtiella entodontoides Müll.Hal. ex Reimers, *nom. nud. in synon.* = *Renauldia hildebrandtielloides* [2864: 95,96]
Hildebrandtiella holstii Broth. = *Hildebrandtiella pachyclada* [2864: 107]
- Hildebrandtiella longiseta*** Renauld & Cardot MDG(40).
Hildebrandtiella madagassa Müll.Hal. ex Kindb., *nom. nud.* = *Renauldia hildebrandtielloides* [1848: 337; 40: 225]
Hildebrandtiella nitens Bosw. in Melvill, *nom. nud.* Excluded: an undescribed specimen from Mauritius [105]
- Hildebrandtiella pachyclada*** Besch. MAU(2,105), REU(2,105), ROD(105,4931), TAN(2,46).
Hildebrandtiella perpinnata Broth. = *Orthostichidium involutifolium* (2)
Hildebrandtiella perseriata Broth. = *Orthostichidium involutifolium* (2)
Hildebrandtiella polyclada Paris, *nom. inval. err.* = *Hildebrandtiella pachyclada* [6793: 181]
Hildebrandtiella puccinigera Müll.Hal., *nom. nud.* = *Hildebrandtiella pachyclada* [2195: 264; 40: 225]
Hildebrandtiella pulchro-alaris Broth. ex Rehmman = *Hildebrandtiella pachyclada* (2)
Hildebrandtiella robusta Broth. = *Hildebrandtiella pachyclada* (2)
- Hildebrandtiella rotundifolia*** Renauld MDG(40), REU(105).
Hildebrandtiella rotundifolia Renauld. Note: this taxon is treated by Argent (2) as a variety of *Hildebrandtiella endotrichelloides*, but he does not make the name change.
Hildebrandtiella souliei Broth. & P.de la Varde = *Hildebrandtiella pachyclada* [2864: 107]
Hildebrandtiella thomeana Broth. = *Orthostichidium involutifolium* (2)
Himantocladium ascensionis (Besch.) Paris = *Himantocladium implanum* (302).
- Himantocladium cyclophyllum*** (Müll.Hal.) M.Fleisch. SEY(302,1946,1947,2353).
Himantocladium extans (Besch.) Broth. = *Neckeropsis extans* [1521] (= *Neckeropsis disticha*)
- Himantocladium implanum*** (Mitt.) M.Fleisch. ASC(302,1296,2322,5340).
Himantocladium seychellarum Dixon = *Himantocladium cyclophyllum* (1300).
Holomitrium acutum C.H.Wright = *Leptodontium squarrosus* [1911: 249] (= *Leptodontium viticulosoides* var. *viticulosoides*)
Holomitrium affine Cardot & Thér. = *Holomitrium cylindraceum* var. *cucullatum* (82: 129)
Holomitrium affine var. *cucullatum* (Besch.) Thér. = *Holomitrium cylindraceum* var. *cucullatum* [1521]
Holomitrium affine var. *obtusifolium* (Besch.) Thér. = *Holomitrium cylindraceum* var. *obtusifolium* (1521)
Holomitrium angolense fo. *brevifolia* P.de la Varde. Excluded: any records for this form have been associated with the owning species.
- Holomitrium angolense*** P.de la Varde ANG(46), UGA(46), ZAM(411).
- Holomitrium borbonicum*** Besch. MAU(105), MDG(40), REU(105).
Holomitrium borbonicum fo. *longisetum* Besch. Excluded: any records for this form have been associated with the owning species.
- Holomitrium borbonicum*** var. ***hamatum*** (Müll.Hal.) Thér. MDG(40), REU(105), TAN(46).
Holomitrium calycinum (Hedw.) Mitt. Note: a record for 'Réunion (105)' has appeared previously in this list for this taxon, but the taxon is only reported for the Caribbean (7091: 52), and the record mentioned by Bridel (77: 2:112-3), collected by Bory de St. Vincent, is likely to belong to a different species (M.J. Price, pers. comm.). Until the collection can be found and identified, the record is being omitted.
- Holomitrium campocarpum*** P.de la Varde MDG(40).
Holomitrium capense Müll.Hal., *nom. nud.* = *Holomitrium cylindraceum* var. *cucullatum* [7007: 246,247]
- Holomitrium comorense*** Müll.Hal. COM(40).
- Holomitrium cylindraceum*** var. ***cucullatum*** (Besch.) Wijk & Margad. CAF(47), MDG(40), REU(105), SAF(1531,7766,8328), TAN(46), UGA(4282), ZIM(46).
- Holomitrium cylindraceum*** var. ***cylindraceum*** (P.Beauv.) Wijk & Margad. CAF(47), MAU(105), MDG(40), REU(105).
- Holomitrium cylindraceum*** var. ***obtusifolium*** (Besch.) Wijk & Margad. MAU(105),

MDG(40), UGA(46).

Holomitrium dubiosum Dixon ANG(46), ZAI(65).

Holomitrium flagellare Müll.Hal. = *Holomitrium cylindraceum* var. *cucullatum* [7007: 246,247]

Holomitrium gracilisetum Thér. MDG(40).

Holomitrium hamatum Müll.Hal. ex Renaud & Cardot = *Holomitrium borbonicum* var. *hamatum* [1521]

Holomitrium hildebrandtii Müll.Hal. ex C.Wright, *nom. nud.* = *Leptodontium squarrosus* [5486: 6] (= *Leptodontium viticulosoides* var. *viticulosoides*)

Holomitrium hillieri Thér. MDG(40).

Holomitrium lepervanchei Thér. MAS(40), MDG(40).

Holomitrium macleanii Dixon = *Leptodontium squarrosus* [5486: 5] (= *Leptodontium viticulosoides* var. *viticulosoides*)

Holomitrium rhyparodictyon P.de la Varde MDG(40).

Holomitrium subglobosum Thér. MDG(40).

Holomitrium subvaginatum Besch. ex Thér. = *Holomitrium borbonicum* var. *hamatum* [4361: 82]

Holomitrium vaginatum (Hook.) Brid. = *Holomitrium cylindraceum* [2584: 351]

Holomitrium vaginatum var. *cucullatum* (Besch.) Müll.Hal. = *Holomitrium cylindraceum* var. *cucullatum* [1521; 82: 129]

Holomitrium vaginatum var. *obtusifolium* Besch. = *Holomitrium cylindraceum* var. *obtusifolium* [1521; 82: 129]

Homalia ankaratrensis Kaier ex C.Wright, *nom. nud.* = *Symphyodon pygmaeus* (5631)

Homalia elongata Welw. & Duby = *Porotrichum elongatum* (1521)

Homalia exigua Bosch & Sande Lac. = *Homaliodendron exiguum* [1521]

Homalia exigua var. *semimarginata* Thér. = *Homaliodendron exiguum* var. *semimarginatum* [47: 505]. Excluded: see note under *Homaliodendron exiguum* var. *semimarginatum*.

Homalia linguaeifolia Welw. & Duby = *Entodontopsis nitens* (1349)

Homalia pygmaea Broth. = *Symphyodon pygmaeus* (924).

Homalia subexigua Müll.Hal. *nom. nud.* Note: *Homalia* was revised by He (3209), but this taxon was not mentioned in the revision, presumably because it was a *nomen nudum*. A specimen in BM with this name is likely to have been named against the original specimen, and is *Homaliodendron exiguum*. O'Shea & Ochyra (2000) exclude *Homalia subexigua* from the sub-Saharan list (5546).

Homalia truncata Welw. & Duby = *Phyllocladon truncatus* (268)

Homalia valentini Besch. = *Homaliodendron exiguum* [2737: 897; 773]

Homalia varifolia Welw. & Duby = *Porothamnium stiptatum* [15: 134]

Homaliodendron exiguum (Bosch & Sande Lac.) M.Fleisch. COM(5925), MAU(105,3410), MDG(40), REU(105), TAN(46).

Homaliodendron exiguum var. *semimarginatum* (Thér.) W.Schultze-Motel. Excluded: Pócs (108) states that the type is a mixture of two plants, neither new, and declares this name *nomina reiicienda*.

Homaliodendron flabellatum (Sm.) M.Fleisch. MAU(1629).

Homaliodendron piniforme (Brid.) Enroth BIO(2396,2662), CMN(47,785), COM(40), CON(47,785), ETH(111), GAB(47), KEN(785), LBR(785), MAU(105), MDG(40,785), MLW(2387), NGA(47,785), SIE(3216), TAN(46,785), UGA(785), ZAI(65).

Homaliodendron scalpellifolium (Mitt.) M.Fleisch. = *Homaliodendron flabellatum* (1386).

Homalothecium afrostriatum (Müll.Hal.) Ochyra = *Palamocladium sericeum* (717) (= *Palamocladium leskeoides*).

Homalothecium boivinianum Besch. = *Palamocladium leskeoides* (3299)

Homalothecium boivini Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Palamocladium nilgheriense* [1848: 521] (= *Palamocladium leskeoides*)

Homalothecium involvens (Broth.) Paris = *Palamocladium involvens* [1521] (= *Palamocladium leskeoides*)

Homalothecium mandonii Mitt. = *Homalothecium sericeum* (4711).

Homalothecium nilgheriense (Mont.) H.Rob. = *Palamocladium nilgheriense* (1608) (= *Palamocladium leskeoides*)

Homalothecium sericeum (Hedw.) Schimp. This was incorrectly shown as a synonym of *Palamocladium sericeum* in the earlier version of this Checklist.

Homalothecium sericeum Bruch, Schimp. & W.Gümbel CVI(1296,2666).

Homalothecium sericeum var. *mandonii* (Mitt.) Renaud & Cardot = *Homalothecium sericeum* (4711).

Hookeria abrupta (Mitt.) Paris = *Hypnella abrupta* [1521] (= *Phyllocladon truncatus*)

Hookeria acicularifolia Müll.Hal., *nom. nud.* Excluded: undescribed specimen (*Dusén* 245), from Cameroon.

Hookeria africana (Mitt.) Paris = *Callicostella africana* [1521]

Hookeria angolensis Welw. & Duby = *Thamniopsis pappeana* (2817) (= *Thamniopsis utacamundiana*)

Hookeria ascensionis Müll.Hal. = *Callicostella ascensionis* [1521]

Hookeria attenuata Müll.Hal. = *Callicostella attenuata* [1521]

Hookeria aubertii (P.Beauv.) Müll.Hal. = *Cyclodictyon aubertii* [1521]

Hookeria aubertii var. *saxicola* Renaud & Cardot = *Cyclodictyon vallis-gratiae* (1521)

Hookeria borbonica Besch. = *Cyclodictyon borbonicum* [1521]

Hookeria borbonica fo. *inundata* Besch. ex Crosby *et al.* = *Cyclodictyon borbonicum* (40: 232)

Hookeria breutliana Hampe ex Müll.Hal. = *Cyclodictyon vallis-gratiae* [278: 45; 1519: 607]

Hookeria breutlii Hampe ex Kindb., *nom. illeg. incl. spec. prior.* = *Cyclodictyon vallis-gratiae* [278: 45; 1519: 607]

Hookeria brevipes Broth. = *Callicostella brevipes* [1521]

Hookeria cheiloneura Müll.Hal. ex Broth. = *Thamniopsis cheiloneura* (2817)

Hookeria chionophylla Müll.Hal. = *Callicostella chionophylla* [1521]

Hookeria constricta Müll.Hal. = *Callicostella constricta* [1521]

***Hookeria contracta* A.Gepp ANG(46).**

Hookeria convoluta Spreng. = *Leptodon smithii* [5845: 590]

Hookeria cristata (Hedw.) Hook. & Grev. = *Eriopus cristatus* [1521] (= *Calyptochaeta cristata*)

Hookeria debilis Sull. = *Leucomium aneurodictyon* [2737: 1107] (= *Leucomium strumosum*)

Hookeria fissidentella Besch. = *Callicostella fissidentella* [1521]

Hookeria glaucissima Müll.Hal. ex M.Fleisch. Excluded: an undescribed specimen.

Hookeria hildebrandtii Müll.Hal. = *Cyclodictyon hildebrandtii* [1521]

Hookeria huillense A.Gepp in Hiern = *Cyclodictyon vallis-gratiae* [278: 40]

Hookeria hyaloblasta Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 110*) from Cameroon.

Hookeria lacerans Müll.Hal. = *Cyclodictyon lacerans* (1521)

Hookeria lacerans var. *aquilenta* Besch. = *Cyclodictyon pusilla* [279: 344; 40: 232]

Hookeria lacerans var. *nossiana* Besch. = *Cyclodictyon fissidentella* [79: 367; 40: 231]

Hookeria laetevirens Hook. & Taylor = *Cyclodictyon laetevirens* [1521]

Hookeria laeviuscula (Mitt.) Paris = *Callicostella laeviuscula* [1521]

Hookeria laricina (Hook.) Hook. & Grev. = *Hypopterygium laricinum* [1521] (= *Hypopterygium tamarisci*)

Hookeria leduceana Mont. = *Rhaphidostegium caespitosum* [2520:88] (= *Sematophyllum subpinnatum*)

Hookeria leduceana Mont. ex Besch., *nom. inval. in synon.* = *Hookeria leduceana* [1521] (= *Sematophyllum subpinnatum*)

Hookeria leptocladula Müll.Hal. ex Broth. = *Callicostella leptocladula* [1521]

Hookeria losaeana Paris & Broth. = *Callicostella seychellensis* [279: 364]

Hookeria maclaudii Paris & Broth. = *Callicostella maclaudii* [1521]

Hookeria macropyxis Rehmann ex Geh., *nom. nud.* = *Hookeriopsis pappeana* [25: 2: 341; 1911: 444] (= *Thamniopsis utacamundiana*)

Hookeria megalopyxis Rehmann ex Paris, *nom. nud. in synon. orthogr.* = *Hookeria macropyxis* [1521] (= *Thamniopsis utacamundiana*)

Hookeria mniacea Müll.Hal. = *Eriopus mniaceus* [1521] (= *Calyptochaeta asplenioides*)

Hookeria mniifolia Hornsch. = *Distichophyllum mniifolium* [1521; 1519: 612]

Hookeria natalensis Rehmann ex Paris, *nom. nud.* = *Cyclodictyon vallis-gratiae* [1911: 443]

Hookeria nivea Müll.Hal. = *Lepidopilum niveum* (1521)

Hookeria pallidifolia Mitt. in Mellis = *Hookeriopsis pallidifolia* [1521]

Hookeria pappeana Hampe = *Thamniopsis pappeana* (2817)

Hookeria perrotii Paris = *Callicostella perrotii* [1521]

Hookeria pobeguini Paris & Broth. = *Callicostella seychellensis* [279: 364]

Hookeria preussii Broth. = *Cyclodictyon preussii* [1521]

Hookeria pycnoptera Paris, *nom. nud.* = *Callicostella perpapillata* [279: 382]

Hookeria quintasii Broth. = *Callicostella salaziae* [279: 376]

Hookeria radiculosa Hook. = *Stereophyllum radiculosum* (1521)

Hookeria robillardei Müll.Hal. ex Geh., *nom. nud.* = *Callicostella robillardei* [1521]

Hookeria salaziae Besch. = *Callicostella salaziae* [1521]

Hookeria semiscabra (Renauld & Cardot) Paris = *Hypnella semiscabra* [1521] (= *Glossadelphus semiscabrus*)

Hookeria seychellensis Besch. = *Callicostella seychellensis* [1521]

***Hookeria splachnifolia* Brid. REU(105).**

Hookeria splachnoides (Sm.) Hook., *hom. illeg.* = *Daltonia splachnoides* [1521]

Hookeria squarrosula Paris., *nom.nud.* Excluded: an undescribed specimen from Réunion.

Hookeria squarrosula Paris, *nom. nud.* = *Hookeria squarrosula* [1521]. Excluded: an undescribed specimen from Réunion.

Hookeria staudtii Broth. = *Hookeriopsis staudtii* [1521]

Hookeria struthiopteris (Brid.) Arn. = *Lopidium struthiopteris* [1521]

Hookeria subcordata Hampe ex Müll.Hal., *nom. inval. in synon.* = *Cyclodictyon vallis-gratiae* [243: 169]

Hookeria thomeana Broth. = *Callicostella fissidentella* [279: 367]

Hookeria tomentosa (Hedw.) Arn. = *Racopilum tomentosum* [1521]

Hookeria tristis Müll.Hal. = *Callicostella tristis* (1519: 604)

Hookeria uncinata Sm. = *Hypnum cupressiforme* [1911: 423]

Hookeria usambarica Broth. = *Callicostella usambarica* (1521)

Hookeria vallis-gratiae Hampe ex Müll.Hal. = *Cyclodictyon vallis-gratiae* (1519: 607)

Hookeria versicolor (Mitt.) Mitt., *hom. illeg.* = *Thamniopsis versicolor* (2817)

Hookeria vesicularia Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 69*) from Cameroon.

Hookeria vesiculosa (Brid.) Müll.Hal. = *Cyclodictyon vesiculosum* (1521)

Hookeria viridis (Renauld & Cardot) Paris = *Hypnella viridis* [1521] (= *Glossadelphus viridis*)

Hookeria woodii Rehmann & Macowan ex Sim, *nom. nud. in synon.* = *Porothamnium woodii* [1911: 404]. Excluded: see *Stereophyllum woodii*.

Hookeriopsis - Several species of this genus have already been transferred to *Thamniopsis* following a review of species occurring in the neotropics, and it is likely that all the remaining African species will also be transferred. The easiest character to distinguish the two genera are: basal laminal cells different from apical ones = *Thamniopsis*; areolation homogeneous = *Hookeriopsis*. See [2817: 217] for further details.

- Hookeriopsis ambigua*** P.de la Varde BUR(65), GAB(47), RWA(65), ZAI(65).
Hookeriopsis angolensis (Welw. & Duby) Paris = *Thamniopsis pappeana* (2817) (= *Thamniopsis utacamundiana*)
- Hookeriopsis balazsii*** Bizot CMN(47).
Hookeriopsis cheiloneura (Broth.) Broth. = *Thamniopsis cheiloneura* (2817)
Hookeriopsis corbieri (Renauld & Cardot) Broth. ex Cardot in Grandid., *nom. inval. in synon.* = *Lepidopilidium corbieri* [1521]
Hookeriopsis darntyi (Besch.) Broth. ex Cardot in Grandid. = *Thamniopsis pappeana* (2817) (= *Thamniopsis utacamundiana*)
- Hookeriopsis diversifolia*** (Renauld & Cardot) Broth. ex Cardot in Grandid. COM(40), MDG(40).
- Hookeriopsis gabonensis*** Broth. & P.de la Varde GAB(47), UGA(5696).
Hookeriopsis mittenii P.de la Varde = *Thamniopsis versicolor* (2817)
- Hookeriopsis pallidifolia*** (Mitt.) Geh. & Herzog STH(1296,4202,5331).
- Hookeriopsis papillosula*** Broth. & P.de la Varde GAB(47).
Hookeriopsis pappeana (Hampe) A.Jaeger = *Thamniopsis pappeana* (2817) (= *Thamniopsis utacamundiana*)
Hookeriopsis pappei Hampe ex Kindb., *nom. illeg. incl. spec. prior.* = *Hookeriopsis pappeana* [1521] (= *Thamniopsis utacamundiana*)
- Hookeriopsis pocsii*** Bizot TAN(46).
Hookeriopsis squarrosula A.Jaeger, *nom.nud.* Excluded: an undescribed specimen from Réunion.
- Hookeriopsis staudtii*** (Broth.) Broth. CMN(47).
Hookeriopsis versicolor (Mitt.) Broth., *hom. illeg.* = *Hookeriopsis mittenii* [7449: 138]
Husnotiella latifolia (Dixon) R.H.Zander & Magill = *Didymodon tophaceopsis* (1420)
- Husnotiella latifolia* var. *tanneri*** (Bizot & Pócs) Kis TAN(46).
Husnotiella latifolia var. *tanneri* (Bizot ex Pócs) Kis. Note: *Husnotiella latifolia* has been made a synonym of *Didymodon tophaceopsis* by Zander (1420), but he did not deal with this variety. If it is distinct, it also should be transferred.
Husnotiella plicata Magill = *Didymodon jackvancei* (1420)
Hydrogonium afro-fontanum Müll.Hal. = *Barbula ehrenbergii* (1158) (= *Barbula bolleana*)
Hydrogonium bolleanum (Müll.Hal.) A.Jaeger = *Barbula bolleana* [1420]
Hydrogonium bollei Müll.Hal. ex Kindb., *nom. illeg. incl. spec. prior.* = *Hydrogonium bolleanum* [1521] (= *Barbula bolleana*)
Hydrogonium brotheri (Renauld & Paris) Hilp. = *Barbula ehrenbergii* (1158) (= *Barbula bolleana*)
Hydrogonium clavicoatum (Renauld & Cardot) Hilp. = *Barbula indica* (1158)
Hydrogonium dorrii (Renauld & Cardot) Hilp. = *Barbula indica* (1158)
Hydrogonium ehrenbergii (Lorentz) A.Jaeger = *Barbula bolleana* (2666)
Hydrogonium fontanum (Müll.Hal.) A.Jaeger = *Barbula meidensis* (1420)
Hydrogonium tisserantii (P.de la Varde) W.Schultze-Motel = *Barbula tisserantii* (1420)
Hygroamblystegium caudicaule (Müll.Hal.) Broth. = *Pseudoleskea chilensis* (1533)
Hygroamblystegium filicinum (Hedw.) Loeske ex Broth. = *Cratoneuron filicinum* (1521)
Hygroamblystegium procerum Dixon = *Cratoneuron filicinum* (4866)
Hygroamblystegium tenax (Hedw.) Jenn. Excluded: Tanzanian collections given this name by Potier de la Varde have been shown to be *Cratoneuron filicinum* (1533)
- Hygrohypnum causequei*** (Renauld & Cardot) Cardot in Grandid. MDG(40).
Hygrohypnum hedbergii P.de la Varde = *Platyhypnidium hedbergii* (65)
- Hylocomiopsis cylindricarpa*** Thér. BIO(8180), BUR(65), CMN(32,47,6489), ETH(111), KEN(46,2661,6489), RWA(65), TAN(46), UGA(4282), ZAI(65,5319,6489).
Hylocomium bartramiophilum (Müll.Hal.) Paris. Excluded: see note under *Gollania barramiophila*.
Hylocomium brevirostre (Brid.) Bruch, Schimp. & W.Gümbel = *Loeskeobryum brevirostre* [3395]
Hylocomium proliferum (Brid.) Lindb., *nom. illeg. incl. spec. prior.* = *Hylocomium splendens* [1521]
Hylocomium proliferum var. *alpinum* (Limpr.) Broth. in Mildbr., *hom. illeg.* = *Hylocomium splendens* [4926: 692]
Hylocomium purum (Hedw.) De Not. = *Pseudoscleropodium purum* [1521] (= *Scleropodium purum*)
Hylocomium rugosum (Hedw.) De Not. = *Rhytidium rugosum* [1521]
Hylocomium rutenbergii (Geh.) Paris = *Acanthocladium rutenbergii* [1521] (= *Wijkia rutenbergii*)
- Hylocomium splendens*** (Hedw.) Bruch, Schimp. & W.Gümbel KEN(46,2661,4112,5315), RWA(65), STH(1296,4202,5331), TAN(46,1410), UGA(46,7922), ZAI(65).
Hylocomium splendens var. *alaskanum* (Lesq. & Jam.) Limpr. = *Hylocomium splendens* (3395)
Hylocomium splendens var. *alpinum* Schlieph. = *Hylocomium splendens* (3395)
- Hymenoloma antarcticum*** (Hook.f. & Wilson) Ochyra LES(4897), SAF(4897,8328).
Hymenostomum abyssinicum Schimp. ex Paris *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia. Cufodontis [40: 222] stated that a specimen existed in BM, but one was not found.
Hymenostomum ayresii (Schimp.) Broth. = *Weissia ayresii* (1420)
Hymenostomum brachycarpum Paris = *Weissia dieterlenii* (82: 263)
Hymenostomum brachypelma Kindb. = *Weissia brachypelma* (1420)

- Hymenostomum cameruniae* Müll.Hal. ex Paris. Excluded: an undescribed specimen (*Dusén* 286) from Cameroon.
- Hymenostomum chloropus* (Besch.) Broth. = *Weissia ayresii* (1420)
- Hymenostomum cucullatum* (Müll.Hal.) Kindb. = *Weissia cucullata* (82: 266)
- Hymenostomum eckendorffii* P.de la Varde = *Tortella eckendorffii* (1420)
- Hymenostomum eurybasis* Dixon = *Weissia latiuscula* (82: 267)
- Hymenostomum guineense* Broth. & Paris GUI(47).**
- Hymenostomum humicola* (Müll.Hal.) Paris = *Weissia humicola* (82: 266)
- Hymenostomum hyphiloides* Wager & Broth. in Wager, *nom. nud.* = *Hyophila zeyheri* [4800: 193] (= *Trichostomum brachydontium*)
- Hymenostomum latiusculum* (Müll.Hal.) Paris = *Weissia latiuscula* (82: 267)
- Hymenostomum lineaeifolium* (Müll.Hal.) Paris = *Weissia lineaeifolia* (1420)
- Hymenostomum opacum* Wager & Dixon = *Barbula indica* (82: 243)
- Hymenostomum oranicum* (Müll.Hal.) Paris = *Weissia fallax* [4926: 188] (= *Weissia controversa*)
- Hymenostomum pellucidum* Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed collection (*Pater Michael de Carbonara, s.n.*) from Mt. Sciret, nr. Karen [40: 222].
- Hymenostomum pulicare* Besch. = *Trichostomum pulicare* (1420)
- Hymenostomum rutilans* (Hedw.) Nees & Hornsch. = *Weissia rutilans* [1521]
- Hymenostomum socotranum* (Mitt.) Broth. = *Weissia socotrana* (1420)
- Hymenostomum termitidarum* (Müll.Hal.) Paris = *Weissia termitidarum* [1521]
- Hymenostomum tortile* (Schwägr.) Bruch, Schimp. & W.Gümbel = *Weissia condensa* (1420)
- Hymenostomum tortile* var. *crispatum* (Nees & Hornsch.) Podpera = *Weissia controversa* var. *controversa* [71: 623]
- Hymenostomum vallis-gratae* Hampe ex A.Jaeger, *nom. nud.* = *Semibarbula stuhlmanii* [1911: 237] (= *Barbula indica*)
- Hymenostomum zeyheri* (Hampe) Broth. = *Hyophila zeyheri* [1521] (= *Trichostomum brachydontium*)
- Hymenostylium calcareum* (Nees & Hornsch.) Mitt. = *Gymnostomum calcareum* [1521]
- Hymenostylium ceratodonteum* (Müll.Hal.) Broth. = *Didymodon ceratodonteus* (1911)
- Hymenostylium congoanum* Dixon & Naveau CVI(2666,6453), KEN(46).**
- Hymenostylium crassinervium* Broth. & Dixon KEN(46), SOM(4304), TAN(46), ZAI(65,4304), ZAM(46), ZIM(46).**
- Hymenostylium crispulum* Broth. & Paris CAF(47), GUI(47), TOG(1878).**
- Hymenostylium curvirostre* Mitt., *nom. illeg. incl. spec. prior.* = *Hymenostylium recurvirostre* [1521]
- Hymenostylium hildebrandtii* (Müll.Hal.) R.H.Zander SOM(50,5116).**
- Hymenostylium papillinerve* Dixon ZAI(4229).**
- Hymenostylium recurvirostre* var. *latifolium* (Zett.) Wijk & Margad. = *Hymenostylium recurvirostre* (1420)
- Hymenostylium recurvirostre* var. *recurvirostre* (Hedw.) Dixon CHA(4534,4565), KEN(46), LES(1531,4897), NAM(6798,7155), REU(6859), SAF(1531,4418,8328), SOM(50), TAN(46), UGA(46).**
- Hymenostylium recurvirostre* var. *scabrum* (Lindb.) Podp. = *Hymenostylium recurvirostre* (1420)
- Hymenostylium rigescens* (Müll.Hal.) Broth. DJI(1569), ERI(50), ETH(50).**
- Hymenostylium scabrum* (Lindb.) Loeske = *Hymenostylium recurvirostre* (1420)
- Hymenostylium scaturiginosum* (Müll.Hal.) Broth. MAU(105), REU(105).**
- Hymenostylium schimperianum* Hampe ex Müll.Hal., *nom. nud.* Excluded: no specimen or description available.
- Hymenostylium secundum* Müll.Hal. = *Molendoa sendtneriana* (1420)
- Hymenostylium subcrispulum* Thér. MDG(40).**
- Hymenostylium verticillatum* (Brid.) Braithw. = *Eucladium verticillatum* [1521]
- Hymenostylium xanthocarpum* (Hook.) Brid. = *Hymenostylium recurvirostrum* [5485: 108]
- Hymenostylium xanthocarpum* var. *gracilescens* Hook. ex Mitt., *nom. nud.* Excluded: an undescribed collection (*Schimper* 480) from Ethiopia [40: 223].
- Hyocomiella bartramiophila* (Müll.Hal.) Kindb. Excluded: see note under *Gollania bartramiophila*.
- Hyonum pseudopopuleum* Schimp. ex Müll.Hal. = *Brachythecium pseudopopuleum* [1521]
- Hyophila* Brid. Note: it is likely that many taxa in this genus will be synonymised. Following examination of nearly all relevant types, Sollman (pers. comm.) believes that there may be only two taxa (at species level) present in tropical Africa: *Hyophila involuta* (Hook.) A.Jaeger and *Hyophila nymaniana* (M.Fleisch.) M.Menzel.
- Hyophila acuminata* Broth. & P.de la Varde IVO(47,5041), KEN(46,2661,6615), MDG(40), TAN(46), UGA(46), ZAI(65), ZAM(46).**
- Hyophila acutiuscula* Broth. = *Trichostomum acutiusculum* (1420)
- Hyophila afrophaea* (Müll.Hal.) Warnst. = *Trichostomum brachydontium* (82: 260)
- Hyophila angustifolia* Paris & Renaud MDG(40).**
- Hyophila angustifolia* Paris & Renaud. Note: this taxon was incorrectly shown as a synonym of *Trichostomum platyphyllum* in version 1 of this Checklist.
- Hyophila anoectangioides* Müll.Hal. ex Dusén LBR(47).**
- Hyophila ascensionis* Cardot ASC(5329,5340).**
- Hyophila atrovirens* (Müll.Hal.) Broth. = *Hyophila involuta* (1420)

- Hyophila atrovirens* var. *oubanguiensis*** Thér. & P.de la Varde CAF(47).
- Hyophila baginsensis*** Müll.Hal. CAF(47), KEN(46), MOZ(357), NAM(1531), SAF(1531,8328), SUD(3076), UGA(4282), ZAM(62), ZIM(46,61).
Hyophila basoutensis Rehmann ex Paris, *nom. nud. orthogr.* = *Hyophila basutensis* [1521]
Hyophila basutensis Sim = *Didymodon ceratodonteus* (82: 235)
Hyophila basutensis var. *tenella* Rehmann ex Paris. Excluded: this specimen from Cape (*Rehmann 459*) is undescribed.
- Hyophila bingeri*** Broth. & Paris GUI(47), IVO(47), ZAI(65).
Hyophila calymeroides Thér. & Naveau = *Bryoerythrophyllum campylocarpum* (1420)
Hyophila cameruniae Müll.Hal. ex Paris, *nom. nud.* Excluded: this specimen from Cameroon (*Dusén 22*) is undescribed.
Hyophila clavicostata Renault & Cardot = *Hyogonium clavicostatum* [1521] (= *Barbula indica*)
Hyophila compacta (Welw. & Duby) A.Jaeger = *Trichostomum brachydontium* (1158)
- Hyophila congolensis*** Thér. & Naveau ZAI(65).
Hyophila crenulata Müll.Hal. ex Paris = *Hyophila involuta* (1420)
Hyophila crenulata Müll.Hal. ex Paris = *Hyophila crenulata* (47: 492) (= *Hyophila involuta*)
- Hyophila cuspidatissima*** Paris & Broth. GUI(47).
Hyophila cyathiformis (Dixon) Sim = *Hypodontium dregei* (82: 170)
Hyophila dorrii (Renauld & Cardot) Renault & Cardot = *Hyogonium dorrii* [1521] (= *Barbula indica*)
Hyophila ehrenbergii (Lorentz) Amann = *Barbula bolleana* (2666)
Hyophila erosa Sim = *Oreoweisia erosa* (1420)
Hyophila excurrentinervis Paris & Broth. = *Trichostomum brachydontium* (1158)
- Hyophila fouta-djalloni*** Paris & Broth. GUI(47), IVO(47).
Hyophila girodii Renault & Cardot = *Barbula indica* (1158)
- Hyophila glaucoviridis*** Paris & Broth. CAF(47), GUI(47), TOG(1878).
Hyophila gymnostomoides (Welw. & Duby) A.Jaeger = *Trichostomum brachydontium* (1158)
- Hyophila holstii*** Broth. TAN(46).
- Hyophila integrifolia*** Dixon & Thér. ZAI(65).
- Hyophila involuta*** (Hook.) A.Jaeger ALD(2041,2351,2353), BEN(4302), BIO(2662), CAF(47), CVI(2666,6453), GUI(1458), IVO(1458,1880), KEN(46,6615), LES(1531), MDG(40), MLW(67,6087), MOZ(46), REU(105,2653), SAF(1531,4897,8328), SEY(1926,2030,2353,4932), SIE(3072,3216), SOC(2374,5613), SWZ(4418), TAN(46), TOG(1878), UGA(3072,5696), ZAI(65,1552,5319), ZAM(62), ZIM(46,61).
Hyophila kerensis Broth. ex Micheletti, *nom. nud.* = *Trichostomum brachydontium* (1158)
Hyophila khartoumensis (Pettet) A.J.E.Sm. & H.Whitehouse = *Tortula bogosica* (1420)
- Hyophila lanceolata*** Renault & Cardot MDG(40), SEY(1926,1950).
- Hyophila latifolia*** Broth. CON(47).
- Hyophila laxitexta*** J.Froehl. ex Imam & Ghabbour SUD(207,6314).
Hyophila leikipiae (Müll.Hal.) Broth. = *Trichostomum brachydontium* (1158)
Hyophila leioneura Renault & Paris = *Barbula indica* (1420)
Hyophila ligulaefolia Broth. & Paris = *Trichostomum ligulaefolium* (1420)
Hyophila machadoana Sérgio = *Bryoerythrophyllum campylocarpum* [1157]
Hyophila macleana Kindb. ex Warnst., *nom. inval. in synonym. err.* = *Pottia macleani* Kindb. [1521] (= *Pterygoneurum macleanum*)
- Hyophila niamniamiae*** Müll.Hal. SUD(3076), TAN(46).
- Hyophila nymaniana*** (M.Fleisch.) M.Menzel BKN(47), CAF(47), SIE(47), ZAI(1460).
Hyophila papillinervis (Lorentz) A.Jaeger = *Barbula indica* (1158)
- Hyophila parietalis*** Cardot in Grandid. MDG(40).
- Hyophila perpendiculata*** Dixon ZAI(65).
Hyophila perrobusta Broth. = *Hyophila atrovirens* [1911: 222] (= *Hyophila involuta*)
Hyophila plicata Mitt. = *Weisiopsis plicata* [1521; 82: 224]
Hyophila potieri Besch., *err.* = *Hyophila potieri* [1521]
Hyophila potieri Besch. = *Hyophila involuta* (2653). Note: the two following varieties of this taxon were not dealt with in the paper by Sollman & Een (2653).
- Hyophila potieri* var. *atroviridis*** Renault & Cardot MDG(40).
- Hyophila potieri* var. *denticulata*** Broth. TAN(46).
Hyophila potieri var. *tapes* Renault ex Grandid., *num. nud. in synonym.* = *Hyophila potieri* [1521]
Hyophila potieri var. *viridis* Renault & Cardot ex Thér., *nom. inval. err.* = *Hyophila potieri* var. *atroviridis* [1521]
- Hyophila procera*** Paris & Broth. GUI(47).
Hyophila pulchella (Thér. & Hilp.) Wijk & Margad. = *Tisserantiella pulchella* [1420]
- Hyophila punctulata*** (Mitt.) Kindb. SOC(40,2374,5613).
Hyophila recurvifolia Hampe ex Müll.Hal. Excluded: no specimen or description available.

- Hyophila rhodesiae* Thér. = *Hyophila atrovirens* [1911: 222] (= *Hyophila involuta*)
Hyophila roscheri (Lorentz) A.Jaeger = *Barbula indica* (1421)
- Hyophila sakalavensis* Paris & Renauld COM(40), MDG(40).**
Hyophila somaliae Müll.Hal. in Dusén = *Tortella somaliae* (1420)
- Hyophila subacutiuscula* P.de la Varde & Thér. RWA(65).**
Hyophila subplicata Renauld & Cardot = *Weisiopsis plicata* [8293: 8]
Hyophila tisserantii P.de la Varde = *Hyophila nymaniana* (1460)
Hyophila usambarica Broth. = *Trichostomum brachydontium* (1158)
Hyophila vallis-gratiae Hampe ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection from South Africa.
- Hyophila victoriae* Müll.Hal. ex Dusén CAF(47), CMN(47), SIE(47).**
Hyophila zeyheri (Hampe) A.Jaeger = *Trichostomum brachydontium* (82: 260)
Hyophila zeyheri var. *brevimucronata* P.de la Varde. Note: the owning species of this variety is *Trichostomum brachydontium*; this variety needs reassessment.
Hyophila zeyheri var. *lanceolata* Sim. Note: the owning species of this variety is *Trichostomum brachydontium*; this variety needs reassessment.
- Hypnella abrupta* (Mitt.) A.Jaeger = *Glossadelphus abruptus* (2445) (= *Phyllocladon truncatus*)
Hypnella guineensis Broth. & Paris = *Glossadelphus guineensis* (2445)
Hypnella semiscabra Renauld & Cardot = *Glossadelphus semiscabrus* (2445)
Hypnella viridis Renauld & Cardot = *Glossadelphus viridis* (2445)
Hypnodendron stipitatum (Mitt.) A.Jaeger = *Thamnum stipitatum* [1521] (= *Porotrichum stipitatum*)
Hypnodon perpusillum (Thwaites & Mitt.) Müll.Hal. = *Rhachithecium perpusillum* [1521]
Hypnodon transvaaliensis Müll.Hal. = *Rhachithecium perpusillum* [3001: 32; 1519: 459]
- Hypnodontopsis mexicana* (Thér.) H.Rob. UGA(3804).**
Hypnofabronia marginata Dixon = *Anacamptodon marginatum* (114)
Hypnum aculeatum Pyl. ex Brid., *nom. nud. in synonym.* = *Racopilum tomentosum* [4250: 1085] (= *Racopilum tomentosum*)
Hypnum aduncoides (Brid.) Müll.Hal., *auct. afr.* = *Hypnum macrogynum* (1913)
Hypnum aduncum ssp. *sendtneri* (Schimp.) Renauld = *Drepanocladus sendtneri* [1521]
Hypnum aduncum ssp. *wilsonii* (Lindb.) Renauld = *Drepanocladus sendtneri* [8311: 136]
Hypnum aduncum var. *wilsonii* (Lindb.) Mol. = *Drepanocladus sendtneri* [8311: 136]
Hypnum africanum (P.de la Varde) Ochyra, *nom. inv.* = *Hypnum bizotii* (80)
Hypnum africanum Welw. & Duby = *Pinnatella africana* [1521] (= *Pinnatella minuta*)
Hypnum afro-acuminatum Müll.Hal. ex Paris, *nom. inval. in synonym. orthogr.* = *Taxithelium afro-acuminatum* [1521]
Hypnum afro-acuminatum Müll.Hal. = *Taxithelium afro-acuminatum* [1521]
Hypnum afrocupressiforme Müll.Hal. ex C.H.Wright, *nom. nud.* = *Hypnum cupressiforme* var. *ericetorum* [1848: 456] (= *Hypnum jutlandicum*)
Hypnum afrodemissum Müll.Hal. ex Geh. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Hypnum afro-elegantulum Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Mittenothamnium horridulum* [1911: 419]
Hypnum afro-exannulatum Rehmman ex Paris, *nom. nud.* = *Drepanocladus sparsus* [1911: 416]
Hypnum afrofluitans (Müll.) Paris = *Amblystegium afrofluitans* [1521] (= *Amblystegium riparium*)
Hypnum afroglareosum Broth. = *Brachythecium afroglareosum* (1521)
Hypnum afromolluscum Müll.Hal. ex Paris, *nom. nud.* = *Ectropothecium afromolluscum* [1521]
Hypnum afropurum Rehmman ex Geh., *nom. nud.* = *Hypnum cupressiforme* [8180: 69]
Hypnum afrorusciforme Broth. = *Platyhypnidium afrorusciforme* [1521]
Hypnum amazantrense Kiaer ex Renauld & Cardot, *nom. nud.* = *Rhacopilopsis variegata* [4720]
Hypnum amazantrense var. *berthioei* Renauld & Cardot, *comb. inval.* = *Rhacopilopsis variegata* (4720)
Hypnum albicans F.Weber & D.Mohr, *nom. nud.* = *Mniobryum wahlenbergii* [1521] (= *Pohlia wahlenbergii*)
Hypnum alboalare (Broth.) Paris = *Rhacopilopsis variegata* (4720)
Hypnum algirianum (Schräd.) Brid. = *Rhynchostegiella tenella* [8151: 209]
Hypnum alpinum (With.) F.Weber & D.Mohr = *Bryum alpinum* [1521]
Hypnum amblystegiocarpum Müll.Hal. = *Sematophyllum amblystegiocarpum* [1521]
Hypnum amplexicaule Rehmman ex Geh., *nom. nud.* = *Haplocladium angustifolium* [1511: 384]
Hypnum andungense var. *majus* Welw. & Duby = *Stereophyllum andungense* [1433: 292, 307]
Hypnum andungense Welw. & Duby = *Stereophyllum andungense* (1521)
Hypnum aneurodictyon Müll.Hal. = *Leucomium aneurodictyon* [1521] (= *Leucomium strumosum*)
Hypnum aneuron Duby = *Sematophyllum aneuron* [1521]
Hypnum angusticybeum Müll.Hal. = *Sematophyllum angusticybeum* [1521]
Hypnum angustifolium Hampe & Müll.Hal. = *Haplocladium angustifolium* [1521]
Hypnum angustissimum Müll.Hal. ex Geh. = *Rhaphidorrhynchium angustissimum* [1521]
Hypnum anisophyllum Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Ectropothecium anisophyllum* [1521]
Hypnum anotis Rehmman ex Geh., *nom. nud.* = *Ectropothecium regulare* [1911: 425]
Hypnum aoraton Duby = *Isopterygium intortum* [2195: 316]
Hypnum aptychopsis Müll.Hal. = *Isopterygium aptychopsis* [1521] (= *Isopterygium argyroleucum*)
Hypnum aptychose Müll.Hal. ex Broth., *nom. nud. err. pro Hypnum aptychopsis* = *Isopterygium aptychopsis* [1521] (= *Isopterygium argyroleucum*)
Hypnum arboreum Schimp. ex Paris, *nom. nud.* = *Rhynchostegium brachypterum* [6793: 194]
Hypnum argenteum Rehmman ex Paris, *nom. nud.* = *Isopterygium brachycarpum* [1911: 427] (= *Ectropothecium brachycarpum*)

- Hypnum argyroleucon* Müll.Hal. ex Geh., *nom. nud.* = *Isopterygium argyroleucon* [1521]
Hypnum asplenioides (Hedw.) Dicks. ex With. = *Fissidens asplenioides* [1521]
Hypnum asplenioides Thunb., *hom. illeg. incl. spec. prior.* = *Fissidens thunbergii* [1521] (= *Fissidens ovatus*)
Hypnum athrocladum Mitt. in Mellis = *Brachythecium athrocladum* [1521]
Hypnum atrotheca Duby = *Brachythecium borgenii* [1848: 542]
Hypnum aubertii Schwaegr., *nom. illeg. incl. spec. prior.* = *Catagonium nitens* [1521]
Hypnum aureocrispum Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Ectropothecium aureocrispum* [1521]
Hypnum bartramiophilum Müll.Hal. Excluded: see note under *Gollania bartramiophila*.
Hypnum basaltinum (Müll.Hal.) Paris = *Hypnum cupressiforme* [8180: 69]
Hypnum bello-intricatum Broth. = *Rhynchostegium bello-intricatum* [1521] (= *Schimperella bello-intricata*)

***Hypnum bicolor* Bél. REU(105).**

- Hypnum bifidum* Brid. = *Leucoloma bifidum* (7101: 532)
Hypnum bimum (Schreb.) F.Weber & D.Mohr = *Bryum pseudotriquetrum* var. *bimum* [1521]

***Hypnum bizotii* Ochyra RWA(46), TAN(46), UGA(46), ZAI(65).**

- Hypnum boivinii* Müll.Hal., *nom. nud.* = *Vesicularia galerulata* [1848: 480]
Hypnum bonplandii Arn., *nom. illeg. incl. spec. prior.* = *Palamocladium leskeoides* [1521]
Hypnum borbonicum (Bél.) Müll.Hal. = *Trichosteleum borbonicum* [1521] (= *Radulina borbonica*)
Hypnum borchgrevinkii Müll.Hal. = *Pinnatella tamariscina* [1521] (= *Homaliidendron piniforme*)
Hypnum borgenii Hampe = *Brachythecium borgenii* [1521]

***Hypnum boryanum* Schwägr. REU(105).**

- Hypnum boswellii* Geh., *nom. nud.* Excluded: no description available.
Hypnum bourboneum Cardot ex Brid. *nom. nud. in synonym.* = *Racopilum tomentosum* [1521]
Hypnum brachycarpum Hampe = *Sematophyllum brachycarpum* [1521]
Hypnum brachycladulum Müll.Hal. ex Paris, *nom. nud.* = *Ectropothecium brachycladulum* [1521]
Hypnum brachypterum Hornsch. = *Rhynchostegium brachypterum* [1521]
Hypnum brachyterum Hornsch. ex Meyer, *nom. inval. err.* = *Hypnum brachypterum* [1520] (= *Rhynchostegium brachypterum*)
Hypnum breutelianum Schimp. ex J.Shaw, *nom. nud.* Excluded: an undescribed specimen.
Hypnum brevifalcatum Müll.Hal. = *Ectropothecium brevifalcatum* [1521]
Hypnum brevifolium Rehmann ex Paris, *nom. nud.* = *Drepanocladus hallii* [1911: 417]
Hypnum brevirostre (Brid.) Ehrh. = *Hylocomium brevirostre* [1506: 460]
Hypnum brevirostre var. *interruptum* Brid. = *Hylocomium splendens* [1506: 460]
Hypnum bryoides (Hedw.) L. ex With. = *Fissidens bryoides* [1521]
Hypnum buettnerianum Müll.Hal. = *Trichosteleum buettnerianum* [1521] (= *Radulina borbonica*)
Hypnum buluense Broth. = *Rhynchostegium buluense* (1521)
Hypnum caespitium (Hedw.) F.Weber & D.Mohr = *Bryum caespitium* [1521]
Hypnum caespitosum (Hedw.) Schrad. = *Sematophyllum caespitosum* [1521] (= *Sematophyllum subpinnatum*)
Hypnum canariense Brid. = *Leucodon canariensis* [1521]
Hypnum candidulum Müll.Hal. = *Isopterygium candidulum* (1521)
Hypnum capillare (Hedw.) F.Weber & D.Mohr = *Bryum capillare* [1521]
Hypnum capillisetum Müll.Hal. = *Ectropothecium capillisetum* [1521]
Hypnum catillum Müll.Hal. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Hypnum caudicaule Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Sikora 14805*) from Madagascar.
Hypnum caudiforme Müll.Hal. = *Mittenothamnium caudiforme* [1521]
Hypnum caussequei Renaud & Cardot = *Hygrohypnum caussequei* [1521]
Hypnum chlorizans Welw. & Duby = *Rhacopilopsis trinitensis* [2746: 88]
Hypnum chloropsis Müll.Hal. = *Thuidium chloropsis* [1521] (= *Pelekium gratum*)
Hypnum chloropterum Müll.Hal. = *Taxithelium chloropterum* [1521]
Hypnum chrysotis Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Hypnum cirrifolium Schwaegr. = *Aerobryopsis cirrifolia* [1521]
Hypnum clavatum Spreng. Excluded: type specimen is a mixture of *Bryum* sp. and *Hypnum* sp.
Hypnum clavirameum Müll.Hal. = *Pseudoleskeopsis claviramea* [1521]
Hypnum clavirameum var. *denudata* Müll.Hal. ex Geh. = *Pseudoleskea obtusiuscula* [1848: 433]
Hypnum codonopyxis Müll.Hal. = *Vesicularia codonopyxis* [1521]
Hypnum commixtum Müll.Hal. = *Leucomium commixtum* [1521] (= *Leucomium strumosum*)
Hypnum comorae Müll.Hal. = *Rhynchostegium comorae* (1521)
Hypnum constrictum (Brid.) Müll.Hal. = *Trichosteleum constrictum* [1521]
Hypnum constrictum Hampe ex Müll.Hal., *nom. nud. in synonym.* = *Isopterygium strangulatum* [1911: 429]
Hypnum cordonopyxis Müll.Hal. ex Paris, *nom. inval. in err.* = *Hypnum codonopyxis* [1521] (= *Vesicularia codonopyxis*)
Hypnum coronopifolium P.Beauv. ex Brid., *nom. nud. in synonym.* = *Rhizofabronia persoonii* [5362: 124]
Hypnum crassicaule (Müll.Hal.) Rehmann ex Paris = *Ectropothecium regulare* [1911: 425]
Hypnum crassiusculum Brid. = *Sematophyllum crassiusculum* [1521]
Hypnum crispohamosum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 59*) from Cameroon.
Hypnum crispum (Hedw.) With. = *Neckera crispa* [1521]
Hypnum cupressiforme fo. *filiforme* Kraehmer. See *Hypnum cupressiforme* var. *filiforme* Brid.
Hypnum cupressiforme ssp. *ericetorum* Giac. = *Hypnum cupressiforme* var. *ericetorum* [1521] (= *Hypnum jutlandicum*)

Hypnum cupressiforme var. *brevisetum* Schimp. = *Hypnum cupressiforme* [4926: 670]

Hypnum cupressiforme var. *aduncoides* Brid. = *Hypnum aduncoides* [1521] (auct. afr.) (= *Hypnum macrogynum*)

Hypnum cupressiforme var. *capense* M.Fleisch. Excluded: this name has not been made a synonym, but is not in use in Africa (based on *Rehmann 345*, from South Africa).

***Hypnum cupressiforme* var. *cupressiforme* Hedw.** ANG(169), BIO(8180), CVI(2666), ETH(111,169,1927), KEN(136,169,3412,4112,5315,6614,7065), LES(169,1531,4897), MAS(40), NGA(5745), REU(3410), RWA(46,65), SAF(169,1531,1882,3411,4897,7766,8328), SWZ(169,1531), TAN(46,169), UGA(46,169,7922), ZAI(65,5319), ZIM(61).

Hypnum cupressiforme var. *ericetorum* Bruch, Schimp. & W.Gümbel. = *Hypnum jutlandicum* (162)

Hypnum cupressiforme var. *filiforme* Brid. = *Hypnum cupressiforme* var. *cupressiforme* (3978)

Hypnum cupressiforme var. *hoehnelii* (Müll.Hal.) Dixon = *Hypnum cupressiforme* var. *cupressiforme* [10: 1071]

Hypnum cupressiforme var. *integrifolium* Thér. = *Hypnum cupressiforme* var. *cupressiforme* (169)

Hypnum cupressiforme var. *lacunosum* Brid. = *Hypnum lacunosum* var. *lacunosum* (3978)

***Hypnum cupressiforme* var. *mossmanianum* (Müll.Hal.) Ando** SAF(8328), ZAI(65).

Hypnum cupressiforme var. *regulare* Brid. = *Ectrothecium regulare* [1521]

Hypnum cupressiforme var. *resupinatum* (Taylor) Schimp. = *Hypnum resupinatum* (3978)

***Hypnum cupressiforme* var. *townsendii* Ando** KEN(169,679), RWA(65), UGA(169), ZAI(65,169,5319).

Hypnum curtispiculum (Hedw.) With. = *Antitrichia curtispicula* [1521] Note: see *Antitrichia curtispicula*.

Hypnum cygnicollum Hampe ex Müll.Hal., *nom. nud.* = *Mittenothamnium cygnicollum* [1521] (= *Mittenothamnium reptans*)

Hypnum danckelmanii Müll.Hal. = *Sematophyllum danckelmanii* [1521]

Hypnum debile (Sull.) Müll.Hal., *hom. illeg.* = *Leucomium aneurodictyon* [2737: 1107] (= *Leucomium strumosum*)

Hypnum decolorans Welw. & Duby = *Stereophyllum andungense* [1433: 307]

Hypnum densus (Hook.) Müll.Hal., *hom. illeg.* = *Bryosedgwickia densa* [1521] (= *Platygyriella densa*)

Hypnum densus Sw. ex Hedw. = *Prionodon densus* (1519: 558)

Hypnum denticulatum L. ex Hedw. = *Plagiothecium denticulatum* [1521] Note: see under *Plagiothecium denticulatum*.

Hypnum dentigerum (Müll.Hal.) Paris, *nom. inval. in synon.* = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)

Hypnum dicladum Müll.Hal. = *Hypnum cupressiforme* [10: 1071]

Hypnum dicnemonella Müll.Hal. ex Broth., *nom. nud. in synon.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)

Hypnum distans (Besch.) Broth. = *Rhynchostegium distans* (1521)

Hypnum djuriense Müll.Hal. Excluded: see note under *Thuidium djuriense* [32: 189]

Hypnum doratum Duby ex Besch., *nom. inval. in synon.* = *Isopterygium intortum* [2195: 316]

Hypnum dregei Müll.Hal. = *Rhaphidorrhynchium dregei* [1521] (= *Sematophyllum dregei*)

Hypnum drepanophyllum Müll.Hal. = *Hypnum cupressiforme* [1911: 423]

Hypnum dusaobanum (Mont.) Müll.Hal. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)

Hypnum ecklonianum Schimp. ex Paris, *nom. nud. in synon.* = *Rhynchostegiella zeyheri* [6793: 198]

Hypnum elaeis Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusen 371*) from Cameroon.

Hypnum ericetorum (Bruch, Schimp. & W.Gümbel) Loeske, *hom. illeg.* = *Hypnum cupressiforme* var. *ericetorum* [1521] (= *Hypnum jutlandicum*)

Hypnum ericetorum Brid. = *Trachypodopsis serrulata* [8103: 148]

Hypnum ericetorum Bruch, Schimp. & W.Gümbel, *hom. illeg.* = *Hypnum cupressiforme* var. *ericetorum* (1521) (= *H. jutlandicum*).

Hypnum erythrocaulon Aomngstr. = *Sematophyllum erythrocaulon* [1521]

Hypnum ferricola Müll.Hal. = *Thuidium gratum* (32) (= *Pelekium gratum*)

Hypnum filiferum Welw. & Duby ex Kindb., *nom. nud. in synon.* = *Pinnatella engleri* [7612: 249] (= *Pinnatella minuta*)

Hypnum flaccidulum Rehmann ex Paris, *nom. nud.* = *Haplocaldium angustifolium* [1911: 385]

Hypnum floribundum (Dozy & Molk.) Müll.Hal. = *Floribundaria floribunda* [1521]

Hypnum fluitans var. *gracile* Boulay ex Renauld, *hom. illeg.* = *Drepanocladus fluitans* [1521] (= *Warnstorfia fluitans*)

Hypnum fluitans var. *longifolium* Rehmann ex Paris, *nom. nud.* = *Amblystegium afrofluitans* [4378: 151] (= *Amblystegium riparium*)

Hypnum fluminale Müll.Hal. ex Broth., *nom. nud. in synon.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)

Hypnum fontanum Schrank, *nom. inval.* = *Philonotis fontana* [1521]

Hypnum frondiferum Brid. ex Brid., *nom. nud. in synon.* = *Hypopterygium tamariscinum* [8309: 87]

Hypnum fuciforme Brid. = *Thuidium fuciforme* [1521] (= *Leptodon fuciformis*)

Hypnum galerulatum Duby = *Vesicularia galerulata* [1521]

Hypnum gastrodes Welw. & Duby ex Duby = *Trachyphyllum gastrodes* (1521)

Hypnum gibbosulum Müll.Hal. = *Isopterygium gibbosulum* [1521]

Hypnum glabrifolium Müll.Hal. = *Mittenothamnium reptans* var. *pseudoreptans* [5143: 329] (= *Mittenothamnium pseudoreptans*)

Hypnum gloriosum Müll.Hal. (= *Brachythecium gloriosum*) [1521] is given as a synonym of *Brachythecium dummeri* in Kis (46), but in Kis' text the two species are both treated as valid species. If the two were synonyms then the older

name (*Brachythecium gloriosum*) would take priority, but as I can find no other synonymisation of these two taxa, and from their descriptions they sound dissimilar, both species are accepted here.

Hypnum glutinosum Müll.Hal. ex Broth., *nom. nud. in synon.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)

Hypnum gnaphaleum P.Beauv. = *Breutelia gnaphalea* [1521]

Hypnum golungense Welw. & Duby = *Vesicularia golungensis* (1521)

Hypnum gracile (Hedw.) L. ex With. = *Pterogonium gracile* [1521]

***Hypnum gracilirameum* Müll.Hal. ex Renauld MAU(105).**

Hypnum gracillimum Rehmann ex Paris, *nom. nud.* = *Isopterygium leucophanes* [1911: 427]

Hypnum gueinzii Hampe = *Rhaphidorrhynchium gueinzii* [1521] (= *Sematophyllum gueinzii*)

Hypnum gueinzii var. *prostrata* Müll.Hal. = *Rhaphidorrhynchium gueinzii* [1911: 439] (= *Sematophyllum gueinzii*)

Hypnum guineense Müll.Hal., *nom. nud.* Excluded: the specimens are from New Guinea, not Guinea.

Hypnum hapalypterum Müll.Hal. = *Vesicularia hapalyptera* [1521]

Hypnum hastatum Duby ex Moritz = *Philonotis hastata* [1521; 83: 427]

Hypnum heteromallum Weiss, *nom. inval.* = *Dicranella heteromalla* [1521]

Hypnum hildebrandtii Müll.Hal. = *Porothamnium stipitatum* (1519: 595)

Hypnum hoehnelii Müll.Hal. = *Hypnum cupressiforme* var. *cupressiforme* [10: 1071]

Hypnum hoehnelii var. *alpina* Müll.Hal. Excluded: a name probably not used for a century, and likely to be a synonym of *Hypnum cupressiforme*.

Hypnum hopfferi Welw. & Duby ex Paris, *nom. inval. err.* = *Hypnum hopfferi* [1521] (= *Rhynchostegium hopfferi*)

Hypnum holstii Broth. = *Rhynchostegiella holstii* (1521)

Hypnum homalobolax (Besch.) Broth. = *Rhynchostegium distans* [1848: 526]

Hypnum hopfferi Welw. & Duby = *Rhynchostegium hopfferi* [1521]

Hypnum hyalotis (Müll.Hal.) Paris = *Rhaphidorrhynchium gueinzii* [11: 428] (= *Sematophyllum gueinzii*)

Hypnum imbricatum P.Beauv. = *Pilotrichella pentasticha* [4284: 42] (= *Orthostichella pentasticha*)

Hypnum immundum Müll.Hal. ex Renauld, *nom. nud. in synon.* = *Vesicularia immunda* [1521]

Hypnum implicatum Hornsch. ex Müll.Hal. = *Brachythecium implicatum* (1521)

Hypnum inflexum Harv. in Hook. = *Trachyphyllum inflexum* [1521]

Hypnum interruptum Brid. = *Hylocomium brevirostre* [1506: 460] (= *Loeskeobryum brevirostre*)

Hypnum intortum P.Beauv. = *Isopterygium intortum* [1521]

Hypnum involvens (Hedw.) P.Beauv. = *Thuidium involvens* [1521] Excluded: see note under *Thuidium involvens* ssp. *involvens*.

Hypnum irrepens Duby = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)

Hypnum ischyopteris Müll.Hal. ex Broth., *nom. nud. in synon.* = *Vesicularia ischyopteris* [1521]

Hypnum jacquemontii Bruch & Schimp. ex Müll.Hal. = *Haplocladium jacquemontii* (1521)

***Hypnum jutlandicum* Holmen & E.Warncke CAF(47), KEN(4112,5315), MDG(40), REU(105), ZAI(65).**

Hypnum kiaeri Müll.Hal. ex Besch., *nom. nud. in synon.* = *Hypnum aduncoides* [2195: 323] (= *Hypnum macrognum*)

Hypnum kilimandscharicum Broth. = *Rigodium kilimandscharicum* (1521) (= *Rigodium toxarion*)

Hypnum knuthii Rehmann ex Paris = *Isopterygium leucophanes* [1911: 427]

Hypnum krakakammae Müll.Hal. = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)

Hypnum kului Müll.Hal. = *Taxithelium kului* [1521]

***Hypnum lacunosum* var. *lacunosum* (Brid.) Hoffm. ex Brid. ETH(169), KEN(169), LES(169), REU(8028), RWA(65), SAF(169,8328), SWZ(169), ZAI(5319).**

Hypnum laricinum Hook. = *Hypopterygium tamarisci* (6705: 198)

Hypnum lateriticola Müll.Hal. ex Broth., *nom. nud. in synon.* = *Ectropothecium lateriticola* [1521]

Hypnum latocaespitosum Müll.Hal. ex C.H.Wright, *nom. nud.* = *Hypnum cupressiforme* [1848: 455]

Hypnum lechlabense Rehmann ex Paris, *nom. nud.* Excluded: an unidentifiable species of *Isopterygium* [1911: 427]

Hypnum lecoultriae Duby = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)

Hypnum leptoblastum Müll.Hal. = *Isopterygium leptoblastum* [1521]

Hypnum leptorrhynchum Brid., *nom. illeg.* = *Rhaphidorrhynchium amoenum* [8107: 308] (= *Warburgiella leptorrhyncha*; see note under *Rhaphidorrhynchium amoenum*)

Hypnum leptorrhynchum var. *viridulum* Brid. = *Ectropothecium viridulum* [1521]

Hypnum leskeifolium Rehmann ex Müll.Hal., *nom. nud. in synon.* = *Pseudoleskea leskeoides* [1911: 383]

Hypnum leskeoides Schimp. ex Müll.Hal., *hom. illeg.* = *Pseudoleskea leskeoides* [1521]

Hypnum leucophanes Hampe ex Müll.Hal. = *Isopterygium leucophanes* [1521]

Hypnum ligularia Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 330*) from Cameroon.

Hypnum longinerve Duby = *Sematophyllum longinerve* [1521]

Hypnum longirostrum Ehrh. ex Brid., *nom. illeg.* = *Eurhynchium striatum* (40: 237)

Hypnum longofluitans Müll.Hal. ex Broth., *nom. nud. in synon.* = *Vesicularia longofluitans* [1521]

Hypnum loricalycinum Müll.Hal. = *Thuidium assimile* (32)

Hypnum luteonitens Renauld & Cardot in Renauld, *hom. illeg.* = *Isopterygium luteonitens* [1521]

Hypnum luteonitens Welw. & Duby = *Rhynchostegium luteonitens* (1521)

Hypnum lycopodioides var. *wilsonii* (Lindb.) Renauld ex Huns. = *Drepanocladus sendmeri* [8250: 763]

Hypnum macleanum Rehmann ex Paris, *nom. nud.* = *Callicostella applanata* [1911: 445]

***Hypnum macrognum* Besch. ETH(1927), KEN(46), LES(1531), MDG(40), MLW(67),**

REU(105,3410), SAF(1531,8328), TAN(46), ZIM(46).

- Hypnum macrogynum* Besch. *Hypnum aduncoides* was treated as a synonym of *Hypnum cupressiforme* var. *cupressiforme* by Ando in 1989 (169), although he mentioned its similarity to the Asian *Hypnum macrogynum*. He later confirmed that collections named *Hypnum aduncoides* were *Hypnum macrogynum* [1913]. The records shown here represent all collections listed in the literature as *Hypnum aduncoides*.
- Hypnum madagassum* Müll.Hal., *nom. nud.* = *Trichosteleum madagassum* [1521]
Hypnum mandonii Mitt. ex Godm. = *Homalothecium mandonii* [1521] (= *Homalothecium sericeum*)
Hypnum maritimum (Hook.) Arnott = *Catagonium nitens* ssp. *maritimum* [2857: 9]
Hypnum maritimum Müll.Hal., *nom. inval.* = *Felipponea assimilis* (5698)
Hypnum mascarenicum Müll.Hal. = *Thuidium mascarenicum* [1521] (= *Thuidium tamariscinum*)
Hypnum mauritanum Bél. = *Ctenidium mauritanum* [3421: 127] (= *Ectropothecium nishimarii*)
Hypnum mbangae Müll.Hal. = *Isopterygium mbangae* (1521)
Hypnum megapelma Bland. ex Weber = *Rhynchostegium megapelma* [1521] (= *Rhynchostegium brachypterum*)
Hypnum megasporum Auth. = *Acroporium megasporum* [1521]
Hypnum microthamnioides Nuell, Hal. ex Geh. = *Mittenothamnium microthamnioides* [1521]
Hypnum mildeanum Schimp. = *Brachythecium mildeanum* [1521]
Hypnum mixtum Müll.Hal. Excluded: see note under *Pinnatella mixta*.
Hypnum moenkemeyeri Müll.Hal. = *Porothamnium comorense* [1911: 402] (= *Porotrichum elongatum*)
Hypnum molleri Müll.Hal. = *Porothamnium comorense* [1911: 402] (= *Porotrichum elongatum*)
Hypnum monbuttoviae Müll.Hal. = *Plagiothecium monbuttoviae* (1521)
Hypnum moorei Rehmann ex Geh., *nom. nud.* = *Plagiothecium rhynchostegioides* [4378: 143]
Hypnum mucronatum Müll.Hal., *hom. illeg.* = *Catagonium nitens* ssp. *maritimum* [2857: 9]
Hypnum mucronatum P.Beauv. = *Racopilum tomentosum* [1506: 12]
Hypnum multiflorum Schwaegr., *hom. illeg.* = *Hypnum cupressiforme* var. *cupressiforme* [8180: 69]
Hypnum mundum Müll.Hal., *nom. nud.* = *Vesicularia immunda* [1848: 104]
Hypnum nabambissense Müll.Hal. = *Thuidium gratum* (32) (= *Pelekium gratum*)
Hypnum nanocarpum Müll.Hal. = *Vesicularia nanocarpa* [6152: 67]
Hypnum nanocristacastrensis Müll.Hal. ex C.Wright, *nom. nud.* = *Ectropothecium regulare* [1848: 484]
Hypnum nanocristatum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Sikora 14308*) from Madagascar.
Hypnum nanoglobum Müll.Hal. = *Isopterygium nanoglobum* [1521]
Hypnum nanopyxis Müll.Hal. ex Geh. = *Sematophyllum nanopyxis* [1663: 95]
Hypnum nanothecium Müll.Hal. ex Geh., *nom. nud.* Excluded: see *Rhaphidostegium nanothecium*.
Hypnum natalense Paris, *nom. nud.* = *Drepanocladus hallii* [1911: 417] (= *Drepanocladus sendtneri*)
Hypnum natalense Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Rhaphidorrhynchium dregei* [1911: 417] (= *Sematophyllum dregei*)
Hypnum naviculare Brid. = *Phyllogonium viscosum* [2195: 270]
Hypnum neelgheriense (Mont.) Müll.Hal. = *Palamocladium nilgheriense* [1521] (= *Palamocladium leskeoides*)
Hypnum nematocaulon Müll.Hal. = *Sematophyllum nematocaulon* [1521]
Hypnum nervosum P.Beauv. Excluded: it is unclear from the description what this taxon is likely to be.
Hypnum niarniamiae Müll.Hal. = *Henicodium geniculatum* (1339)
Hypnum nigricaula Broid. = *Rhaphidorrhynchium nigricaula* [1521] (= *Sematophyllum subsimplex*)
Hypnum nigroviride Müll.Hal., *hom. illeg.* = *Brachythecium nigroviride* (1521)
Hypnum nilgheriense (Mont.) Müll.Hal. = *Palamocladium nilgheriense* [1521] (= *Palamocladium leskeoides*)
Hypnum nivescens Müll.Hal. ex Kindb., *nom. nud.* = *Isopterygium nivescens* [1521]
Hypnum octodiceroides Müll.Hal. = *Taxiphyllum schweinfurthii* (268)
Hypnum octodiceroides Müll.Hal. ex Paris, *nom. inval. in synonym.* = *Hypnum octodiceroides* (= *Taxiphyllum schweinfurthii*)
Hypnum odontocalyx Müll.Hal. = *Stereophyllum odontocalyx* (1521) (= *Stereophyllum radiculosum*)
Hypnum odontophyllum Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Rhynchostegium brachypterum* [1911: 374]
Hypnum omalosekos Welw. & Duby. Excluded. See note under *Stereophyllum omalosekos*.
Hypnum oreadelphus Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Vesicularia oreadelphus* [1521]
Hypnum ornithopodioides Huds., *nom. inval.* = *Pterogonium gracile* [Smith 1804: Fl. Brit. 3: 1270]
Hypnum oxyodon Welw. & Duby = *Rhynchostegium oxyodon* (1521)
Hypnum pallens (Sw.) F.Weber & D.Mohr = *Bryum pallens* [1521]
Hypnum palustre (Hedw.) F.Weber & D.Mohr = *Aulacomnium palustre* [1521]
Hypnum papillosum Hornsch. = *Trichosteleum papillosum* [1521]
Hypnum pechuelii Müll.Hal. = *Rhacopilopsis trinitensis* (2746)
Hypnum pectinatum Mitt. = *Rhynchostegium pectinatum* [1521]
Hypnum pennatum Haller, *nom. inval.* = *Neckera pennata* [1521]
Hypnum penniforme Thunb. ex Brid. ('pennaeforme') = *Lopidium penniforme* (1519: 617) (= *Lopidium struthiopteris*)
Hypnum pentastichum Brid. = *Pilotrichella pentasticha* [1521] (= *Orthostichella pentasticha*)
Hypnum penzigii Brizi, *nom. nud. in synonym.* = *Racopilum penzigii* [1521]
Hypnum perintricatum Müll.Hal. ex Paris, *nom. nud.* = *Thuidium perintricatum* [1521] (= *Hylocomiopsis cylindricarpa*)
Hypnum perpallidum Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Vesicularia perpallida* [1521]
Hypnum perplanicaule Müll.Hal. ex Paris, *nom. nud.* = *Glossadelphus perplanicaulis* [1521] (= *Phyllocladon perplanicaulis*)
Hypnum perscisum Müll.Hal. = *Thuidium perscisum* [1521]. Excluded: see *Thuidium perscisum*.
Hypnum pervilleanum Müll.Hal. ex Geh. = *Rhaphidorrhynchium pervilleanum* [1521] (= *Trichosteleum pervilleanum*)

- Hypnum petraeum* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 668*) from Cameroon.
Hypnum phyllogonioides Lindb. ex J.Shaw, *nom. nud.* Excluded: an undescribed specimen from South Africa.
Hypnum physaophyllum Welw. & Duby = *Sematophyllum physaophyllum* (1521)
Hypnum pyriforme F.Weber & D.Mohr ex Paris, *nom. inval. in synon.* = *Leptobryum pyriforme* [1521]
Hypnum planosquarrosus Brid., *nom. nud. in synon.* = *Mittenothamnium planosquarrosus* [1521] (= *Rhacopilopsis trinitensis*)
Hypnum planum Brid. = *Taxithelium planum* [1521]
Hypnum plumosiforme Schimp. ex Müll.Hal. = *Brachythecium plumosum* [10: 1147]
Hypnum plumosum Hedw. = *Brachythecium plumosum* [1521]
Hypnum plumosum var. *pseudoplumosum* (Brid.) Rabenh. = *Brachythecium plumosum* [1521]
Hypnum politum Hook.f. & Wilson = *Catagonium nitens* var. *nitens* [2857]
Hypnum populeum Hedw. = *Brachythecium populeum* [1521]
Hypnum porrectirameum Müll.Hal. ex Paris = *Ectropothecium regulare* [9: 267]
Hypnum praelongum var. *swartzii* (Turn.) Hartm. = *Oxyrrhynchium swartzii* [1521] (= *Eurhynchium hians*)
Hypnum praemorsum Vatke. = *Oxyrrhynchium hians* [8395: 53] (= *Eurhynchium hians*)
Hypnum preussii Broth. = *Brachythecium preussii* [1521]
Hypnum proliferum L. ex Brid. = *Hylocomium splendens* [3492: 262]
Hypnum proreptile Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 217*) from Cameroon.
Hypnum protractulum Müll.Hal. = *Ectropothecium protractulum* [1521]
Hypnum pseudoamoenum Bél. = *Taxithelium pseudoamoenum* [1521]
Hypnum pseudoattenuatum Müll.Hal. = *Pseudoleskea pseudoattenuata* (1521)
Hypnum pseudobrachythecium (Broth.) Paris = *Rhaphidorrhynchium pseudobrachythecium* [1521] (= *Sematophyllum subsimplex*)
Hypnum pseudoconfertum Müll.Hal. = *Rhynchostegiella zeyheri* [1911: 375]
Hypnum pseudoinvolvens Müll.Hal. = *Thuidium pseudoinvolvens* [1521]
Hypnum pseudoplumosum Brid. = *Brachythecium plumosum* [7772: 225b]
Hypnum pseudoreptans Müll.Hal. = *Mittenothamnium reptans* var. *pseudoreptans* [1521] (= *Mittenothamnium pseudoreptans*)
Hypnum pseudosalebrosus Hampe ex Mitt., *nom. nud. in synon.* = *Homalothecium leskeoides* [2713: 559] (= *Palamocladium leskeoides*)
Hypnum pseudotriste Müll.Hal. = *Haplohymenium pseudotriste* [1521] (= *Anomodon pseudotristis*)
Hypnum pseudovelutinum Hampe ex Müll.Hal. = *Brachythecium pseudovelutinum* [1521]
Hypnum punctatulum Müll.Hal. = *Trichosteleum borbonicum* var. *brachycarpum* [1848: 503] (= *Radulina borbonica*)
Hypnum punctatum (Hedw.) F.Weber & D.Mohr = *Mnium punctatum* [1521] Excluded: see note under *Mnium punctatum*.
Hypnum punctulatum Paris, *nom. inval. in synon.* = *Hypnum punctatulum* [1521] (= *Radulina borbonica*)
Hypnum purpurascens Brid. = *Rhacocarpus purpurascens* (1519: 543)
Hypnum purum L. ex Hedw. = *Pseudoscleropodium purum* [1521] (= *Scleropodium purum*)
Hypnum pyriforme (Hedw.) F.Weber & D.Mohr = *Leptobryum pyriforme* [1521]
Hypnum quinzii Rehm ex Dixon & A.Gepp, *nom. illeg. orthogr.* = *Hypnum gueinzii* [1521] (= *Sematophyllum gueinzii*)

***Hypnum radiatum* Schwägr. REU(105).**

- Hypnum radicans* Brid. = *Isopterygium radicans* [1521]
Hypnum raphidorrhynchium Müll.Hal. = *Rhynchostegium raphidorrhynchium* [1521]
Hypnum regulare (Brid.) Müll.Hal. = *Ectropothecium regulare* [1521]
Hypnum rehmannii (Müll.Hal.) Paris = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
Hypnum reichardtii Rehm ex Paris, *nom. nud. in synon. orthogr.* = *Hypnum reichardtii* [1521] (= *Sematophyllum brachycarpum*)
Hypnum reichardtii Rehm ex Geh., *nom. nud.* = *Sematophyllum brachycarpum* [1911: 435]
Hypnum reptans Sw. ex Hedw. = *Mittenothamnium reptans* [1521]

***Hypnum resupinatum* Taylor RWA(65), ZAI(65).**

***Hypnum revolutum* (Mitt.) Lindb. UGA(7353,7922).**

- Hypnum raphidorrhynchium* Müll.Hal. ex Paris, *nom. inval. orthogr.* = *Hypnum raphidorrhynchium* [1521] (= *Rhynchostegium raphidorrhynchium*)
Hypnum rigidicaule Müll.Hal. ex Broth., *nom. nud. in synon.* = *Trismegistia rigidicaulis* [1521]
Hypnum riparioides Hedw., *hom. illeg.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)
Hypnum riparium L. ex Hedw. = *Leptodictyum riparium* [1521] (= *Amblystegium riparium*)
Hypnum rivulare (Bruch, Schimp. & W.Guembel) Bruch ex Wilson, *hom. illeg.* = *Brachythecium rivulare* [1521]
Hypnum rivuletorum Müll.Hal. ex Broth., *nom. nud. in synon.* = *Sematophyllum rivuletorum* [1521]
Hypnum robillardii Duby = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Hypnum roseum (Hedw.) F.Weber & D.Mohr = *Rhodobryum roseum* [1521]
Hypnum rotundifrondeum Müll.Hal. = *Pinnatella minuta* (1830)
Hypnum rugosum Ehrh. ex Hedw. = *Rhytidium rugosum* [1521]
Hypnum rutabulum var. *rivulare* (Bruch, Schimp. & W.Guembel) T.Jens. = *Brachythecium rivulare* [1521]
Hypnum rutenburgii Müll.Hal. ex Geh. = *Acanthocladium rutenburgii* [1521] (= *Wijkia rutenbergii*)
Hypnum ruvenzorense Broth. = *Rhynchostegium ruvenzorense* (1521) (mis-spelled as 'ruwenzorense' prior to version 4)
Hypnum salebrosus Hoffm. ex F.Weber & D.Mohr = *Brachythecium salebrosus* [1521]
Hypnum salebrosus var. *mildeanum* (Schimp.) Husn., *nom. illeg. incl. spec. prior.* = *Brachythecium mildeanum* [1521]

- Hypnum salebrosum* var. *plumosum* (Hedw.) Myr., *nom. illeg. prior. ut spec.* = *Brachythecium plumosum* [1521]
Hypnum saproadelphus Müll.Hal. ex Broth., *nom. nud. in synon.* = *Mittenothamnium saproadelphus* [1521]
Hypnum sarcoblastum Müll.Hal. ex Broth., *nom. nud. in synon.* = *Vesicularia sarcoblasta* [1521]
Hypnum sarmentosum var. *subflavum* Ferg. ex Grav., *nom. nud.* = *Calliergon sarmentosum* var. *subflavum* [1521] (= *Warnstorfia sarmentosa*)
Hypnum sauloma Müll.Hal. ex Broth., *nom. nud. in synon.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Hypnum scabrifolium Hook.f. & Wilson = *Philonotis scabrifolia* [1521]
Hypnum scaturiginum Brid. = *Vesicularia scaturigina* [1521]
Hypnum schweinfurthii Müll.Hal. = *Taxiphyllum schweinfurthii* (268)
Hypnum semense Müll.Hal. ex Venturi = *Pseudoleskea semensis* (1521)
Hypnum semirevolutum Müll.Hal. = *Hypnum cupressiforme* [10: 1071]
Hypnum sendtneri Schimp. ex H.Müll. = *Drepanocladus sendtneri* [1521]
Hypnum senodictyon Müll.Hal. = *Rhynchostegium brachypterum* [1521]
Hypnum sericeum (Hedw.) L. ex With. = *Homalothecium sericeum* [1521]
Hypnum seriolium Hampe ex Müll.Hal. = *Ischyrodon seriolus* [1521] (= *Juratzkaea incisa*)
Hypnum serratum P.Beauv., *hom. illeg.* = *Mittenothamnium serratum* [1521] (= *Mittenothamnium reptans*)
Hypnum sigmatella Müll.Hal. = *Thuidium varians* (32) (= *Pelekium varians*)
Hypnum smithii Dicks. ex Hedw. = *Leptodon smithii* var. *smithii* (1519: 588)
Hypnum solitarium Brid. = *Jaegerina solitaria* [1521]
Hypnum soyauxii Müll.Hal. = *Vesicularia soyauxii* [1521]
Hypnum sparsifolium Rehmann ex Paris = *Drepanocladus sparsus* [1521]
Hypnum sphaerocarpum Müll.Hal., *hom. illeg.* = *Vesicularia galerulata* [1848: 480]
Hypnum sphaerotheca Müll.Hal. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Hypnum spiciforme Hornsch. ex Meyer, *nom. inval. err. pro Hypnum spiniforme* = *Rhizogonium spiniforme* [1521]
Hypnum spiculosum Mitt. = *Eurhynchium spiculosum* [1521]
Hypnum spiniforme L. ex Hedw. = *Pyrrhobryum spiniforme* (83: 403)
Hypnum splachnifolium Brid. = *Hookeria splachnifolia* [1521]
Hypnum splachnifolium Brid. ex Paris, *nom. inval.* = *Hookeria splachnifolia* [1521]
Hypnum sprengelii Müll.Hal. = *Eurhynchium sprengelii* [1521]
Hypnum squarriifolium (Broth.) Müll.Hal. ex Paris = *Ctenidium squarriifolium* [1521] (= *Ectropothecium squarriifolium*)
Hypnum stenosekos Welw. & Duby = *Taxithelium stenosekos* (1521)
Hypnum strephomichos Welw. & Duby ex Paris, *nom. inval. in synon. err.* = *Vesicularis strephomichos* [1521]
Hypnum strangulatum Hampe ex Müll.Hal. = *Isopterygium strangulatum* [1521]
Hypnum strangulatum var. *prostratum* Müll.Hal. = *Isopterygium strangulatum* [1911: 429]
Hypnum stratum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 837) from Cameroon.
Hypnum strephomichos Welw. & Duby = *Vesicularia strephomichos* (1521)
Hypnum struthiopteris Brid. = *Lopidium struthiopteris* [1521]
Hypnum struthiopteris Müll.Hal. ex C.Wright, *nom. nud.* = *Thuidium aculeoserratum* [1848: 439]
Hypnum subcapillisetum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 17) from Cameroon.
Hypnum subcompressum Müll.Hal. = *Entodon subcompressus* (1521)
Hypnum subcurvulum Müll.Hal. ex Paris, *nom. nud. in synon.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Hypnum subfilamentosum Kiaer ex A.Jaeger, *nom. nud. in synon.* = *Rauiella subfilamentosa* [1521]
Hypnum subincurvans Schimp. ex A.Jaeger, *nom. nud.* = *Isopterygium strangulatum* [1911: 429]
Hypnum subrutabulum Müll.Hal. = *Brachythecium subrutabulum* [1521]
Hypnum subsarcoblastum Müll.Hal. ex Broth., *nom. nud. in synon.* = *Vesicularia subsarcoblasta* [1521]
Hypnum subscabrisetulum Müll.Hal. = *Trichosteleum subscabrisetulum* [1521]
- Hypnum subsquarulosum* Hampe ex Müll.Hal. SAF(243).**
Hypnum subulatum Müll.Hal. = *Trichosteleum subulatum* [1521]
Hypnum sulphureoflavum Müll.Hal. ex Broth., *nom. nud. in synon.* = *Vesicularia oreadelphus* var. *sulphureoflava* [1521]
Hypnum swartzii Turn. = *Oxyrrhynchium swartzii* [1521] (= *Eurhynchium hians*)
Hypnum tamariscinum Hedw. = *Thuidium tamariscinum* [1521]
Hypnum tapeinophyllum (Müll.Hal.) Paris = *Rhaphidorrhynchium dregei* [4800: 220] (= *Sematophyllum dregei*)
Hypnum tenaci-insertum Müll.Hal. = *Vesicularia tenaci-inserta* [1521]
Hypnum tenellum Dicks. = *Rhynchostegiella tenella* [1521]
Hypnum tenuatipes Müll.Hal. = *Vesicularia tenuatipes* [1521]
Hypnum tenuivagum Broth. = *Rhynchostegium tenuivagum* [1521] (= *Eurhynchium tenuivagum*)
Hypnum terrestre Müll.Hal. = *Vesicularia terrestris* [1521]
Hypnum tomentosum Sw. ex Hedw. = *Racopilum tomentosum* [1521]
Hypnum toxarion Schwägr. = *Rigodium toxarion* (1521)
Hypnum trachaelocarpum Müll.Hal., *hom. illeg.* = *Sematophyllum trachaelocarpum* [1521]
Hypnum trichocolea Müll.Hal. = *Acanthocladium trichocolea* (1521) (= *Wijkia trichocolea*)
Hypnum trichocoleoides Müll.Hal. = *Acanthocladium trichocoleoides* [1521] (= *Wijkia trichocoleoides*)
Hypnum trinitense Müll.Hal. = *Rhacopilopsis trinitensis* [1521]
Hypnum triquetrum var. *brevirostre* (Brid.) Roehl. = *Hylocomium brevirostre* [1521] (= *Loeskeobryum brevirostre*)
Hypnum triviale Müll.Hal. = *Ectropothecium triviale* [1521]
Hypnum truncatum Welw. & Duby = *Phyllodon truncatus* (268)

- Hypnum turbinatum* (Hedw.) F.Weber & D.Mohr = *Bryum turbinatum* [1521]
Hypnum turgidum Wahlenb. ex F.Weber & D.Mohr, *nom. nud.* = *Aulacomnium turgidum* [1521]
Hypnum undulatum (Hedw.) Rebert., *hom. illeg.* = *Mnium undulatum* [1521] (= *Plagiomnium undulatum*)

***Hypnum usagarum* Mitt. TAN(46).**

- Hypnum variegatum* Welw. & Duby = *Rhacopilopsis variegata* (4720)

***Hypnum vaucheri* var. *vaucheri* Lesq. ERI(50).**

- Hypnum vellereum* Mitt. = *Brachythecium vellereum* (1521)
Hypnum verruculosum Müll.Hal. = *Isopterygium verruculosum* [1521]
Hypnum vesicolor Hornsch. ex Müll.Hal. = *Thuidium vesicolor* [1521] (= *Pelekium vesicolor*)
Hypnum vesiculosum Brid. = *Cyclodictyon vesiculosum* [1521]
Hypnum viridefactum Müll.Hal. ex Paris. Excluded: an undescribed specimen (*Dusén* 365) from Cameroon.
Hypnum viridulum Brid., *hom. illeg.* = *Ectropothecium viridulum* [1521]
Hypnum viticulosoides (P.Beauv.) Poir. ex Steud., *nom. inval. in synonym.* = *Leptodontium viticulosoides* [8168: 2: 422]
Hypnum volkensisii Broth. = *Rhynchostegium volkensisii* (1521)
Hypnum wahlenbergii F.Weber & D.Mohr = *Mniobryum wahlenbergii* [1521] (= *Pohlia wahlenbergii*)
Hypnum wilsonii (Lindb.) Schimp. = *Drepanocladus sendmeri* [8311: 136]
Hypnum wolkenisii Broth. ex Paris, *nom. inval. err.* = *Hypnum volkensisii* [1521] (= *Rhynchostegium volkensisii*)
Hypnum woodii Rehmman ex Paris, *nom. nud.* = *Vesicularia galerulata* [1848: 480]
Hypnum worthii Rehmman ex Paris, *nom. nud.* = *Drepanocladus sparsus* [1911: 416]
Hypnum zeyheri Spreng. ex Müll.Hal. = *Rhynchostegiella zeyheri* [1521]
Hypnum trachypyxis Myuell.Hal. ex Geh. = *Trichosteleum trachypyxis* [1521]

***Hypodontium dregei* (Hornsch.) Müll.Hal. LES(1531,4897), MLW(67), SAF(1531,4897,7766,8328), SWZ(1531), ZAM(46), ZIM(46,61).**

- Hypodontium macowanianum* (Müll.Hal.) Müll.Hal. = *Hypodontium pomiforme* [1911: 262]

***Hypodontium pomiforme* (Hook.) Müll.Hal. SAF(1531,4897,8328).**

- Hypodontium pomiforme* var. *macowanianum* Müll.Hal. = *Hypodontium pomiforme* (82: 172)
Hypopterygium brevifolium Broth. = *Hypopterygium tamarisci* (6705: 202)
Hypopterygium cameruniae Müll.Hal. ex Paris, *nom. nud.* = *Hypopterygium torulosum* [5560: 289] (= *Hypopterygium tamarisci*)
Hypopterygium capense Schimp. ex A.Jaeger, *nom. nud.* = *Hypopterygium laricinum* [5560: 291] (= *Hypopterygium tamarisci*)
Hypopterygium ceylanicum Mitt. = *Hypopterygium tenellum* [1848: 422] (= *Hypopterygium tamarisci*)
Hypopterygium congoanum Dixon & Thér. = *Lopidium struthiopteris* (6705: 268)
Hypopterygium falcatum Müll.Hal. = *Hypopterygium tenellum* [1848: 422] (= *Hypopterygium tamarisci*)
Hypopterygium grandistipulaceum Renauld & Cardot = *Hypopterygium tamarisci* (6705: 203)
Hypopterygium hemiloma Müll.Hal. = *Lopidium hemiloma* [1521] (= *Lopidium struthiopteris*)
Hypopterygium hildebrandtii (Kindb.) Müll.Hal. ex Paris = *Hypopterygium tamarisci* (6705: 206)
Hypopterygium incrassatolimbatum Müll.Hal. = *Hypopterygium laricinum* var. *incrassatolimbatum* [1521] (= *Hypopterygium tamarisci*)
Hypopterygium laricinum (Hook.) Brid. = *Hypopterygium tamarisci* (6705: 198)
Hypopterygium laricinum ssp. *incrassatolimbatum* (Müll.Hal.) Kindb. = *Hypopterygium tamarisci* (6705: 199)
Hypopterygium laricinum var. *compactum* Rehmman ex Dixon & A.Gepp, *nom. nud.* Excluded: no description, so treat as *Hypopterygium laricinum* = *Hypopterygium tamarisci* [6705: 198]
Hypopterygium laricinum var. *incrassatolimbatum* (Müll.Hal.) Broth. & Krieg = *Hypopterygium tamarisci* (6705: 199)
Hypopterygium longirostrum Schimp., *nom. nud.* = *Hypopterygium sphaerocarpum* [1848: 421] (= *Hypopterygium tamarisci*)
Hypopterygium lutescens Hornsch. = *Porothamnium* sp. (53: 23). Excluded: specimen insufficient for identification.
Hypopterygium mauritanum Hampe ex Besch. = *Hypopterygium tamarisci* (6705: 202)
Hypopterygium mauritanum var. *nanum* Besch. = *Hypopterygium tamarisci* (6705: 202)
Hypopterygium mildbraedii Broth. in Mildbr. = *Hypopterygium tamarisci* (6705: 205)
Hypopterygium nanum Müll.Hal. ex Geh., *nom. nud.* = *Hypopterygium laricinum* ssp. *incrassatolimbatum* [5560: 291] (= *Hypopterygium tamarisci*)
Hypopterygium nossibeianum Müll.Hal. ex Besch., *nom. nud.* = *Hypopterygium torulosum* var. *nossi-beanum* Besch. [1521] (= *Hypopterygium tamarisci*)
Hypopterygium penniforme (Thunb. ex Brid.) Brid. ('pennaeforme') = *Lopidium struthiopteris* (6705: 265)
Hypopterygium pirottae Brizi = *Hypopterygium tamarisci* (6705: 203)
Hypopterygium polythrix Dixon = *Lopidium penniforme* (1519: 617) (= *Lopidium struthiopteris*)
Hypopterygium pugiunculum Bosw. = *Hypopterygium tamarisci* (6705: 206)
Hypopterygium sikorae Müll.Hal. ex Paris, *nom. nud.* = *Hypopterygium grandistipulaceum* [1848: 419] (= *Hypopterygium tamarisci*)
Hypopterygium sphaerocarpum Renauld = *Hypopterygium tamarisci* (6705: 202)
Hypopterygium struthiopteris (Brid.) Brid. = *Lopidium struthiopteris* [1521]
Hypopterygium struthiopteris ssp. *hemiloma* (Müll.Hal.) Kindb. = *Lopidium hemiloma* [1521] (= *Lopidium struthiopteris*)
Hypopterygium struthiopteris ssp. *subtrichocladon* (Broth.) Kindb. = *Lopidium subtrichocladon* [1521] (= *Lopidium struthiopteris*)
Hypopterygium subhumile Renauld & Cardot = *Hypopterygium tamarisci* (6705: 203)

Hypopterygium subtrichocladon Broth. = *Lopidium struthiopteris* (6705: 267)

Hypopterygium sylvaticum var. *torulosum* (Schimp.) Kindb. = *Hypopterygium torulosum* [1521] (= *Hypopterygium tamarisci*)

Hypopterygium tamarisci (Sw. ex Sw.) Brid. ex Müll.Hal. BIO(47,2220,6705), BUR(6705), CMN(47,2220,6705), COM(40,2220,6705), ERI(50), ETH(50,111,1927,2220,6705), GAB(47,2220,6705), KEN(46,2220,2661,4112,5315,6614,6705,7065), MAS(40), MAU(105,2220,6705), MDG(40,2220,6705), MLW(67,2220,6705), REU(105,2220,6705), RWA(65,6705), SAF(6705,7766,8328), SAO(47,2220,6705), TAN(46,2220,6705), UGA(46,4282,6705), ZAI(65,2220,6705), ZIM(46,61,2220,6705).

Hypopterygium tamarisci var. *hildebrandtii* Kindb. = *Hypopterygium laricinum* [1848: 418] (= *Hypopterygium tamarisci*)

Hypopterygium tamariscinum (Hedw.) Brid. = *Canalohypopterygium tamarisci* (6705: 122)

Hypopterygium tenellum Müll.Hal. = *Hypopterygium tamarisci* (6705: 199)

Hypopterygium tenellum ssp. *subhumile* (Renauld & Cardot) Kindb. = *Hypopterygium subhumile* [1521] (= *Hypopterygium tamarisci*)

Hypopterygium tikorae Müll.Hal. ex Kindb., *nom. inval. in synonym. err.* = *Hypopterygium sikorae* [1521] (= *Hypopterygium tamarisci*)

Hypopterygium tomentosum (Hedw.) Müll.Hal. = *Racopilum tomentosum* [1521]

Hypopterygium torulosum Schimp. ex Besch. = *Hypopterygium tamarisci* (6705: 202)

Hypopterygium torulosum var. *kameruniae* Broth. = *Hypopterygium tamarisci* (6705: 203)

Hypopterygium torulosum var. *nossianum* Besch. ex Renauld, *nom. inval.* = *Hypopterygium tamarisci* (6705: 202)

Hypopterygium torulosum var. *nossi-beanum* Besch. = *Hypopterygium tamarisci* (6705: 202)

Hypopterygium usambaricum Broth. = *Hypopterygium tamarisci* (6705: 205)

Hypopterygium viridissimum Müll.Hal. = *Hypopterygium tamarisci* (6705: 201)

Indusiella thianschanica Broth. & Müll.Hal. CHA(3514,3515).

Ischyrodon breutelii (Hampe) M.Fleisch. = *Fabronia breutelii* [1521]

Ischyrodon gueinzii (Hampe) M.Fleisch. = *Fabronia gueinzii* [1521]

Ischyrodon leptocladus Rehmann ex Dixon = *Fabronia wageri* [1911: 3611]

Ischyrodon lepturus (Taylor) Schelpe NAM(8024), SAF(8328).

Ischyrodon lepturus (Taylor) Schelpe. Note: this taxon may have been confused with *Juratzkaea incisa* and may or may not occur in Africa; further investigation is needed.

Ischyrodon rehmannii Müll.Hal. ex Geh., *nom. nud.* = *Ischyrodon seriolus* [25: 4: 116] (? = *Juratzkaea incisa*)

Ischyrodon seriolus (Müll.Hal.) Müll.Hal. = *Ischyrodon lepturus* (53: 23) (? = *Juratzkaea incisa*)

Ischyrodon seriolus var. *albicans* Rehmann ex Dixon & A.Gepp. Excluded: an undescribed variety (*Rehmann* 352, 632) from Cape Peninsula, South Africa.

Isopterygiopsis muelleriana (Schimp.) Z.Iwats. KEN(46), TAN(46), UGA(46,7922).

Isopterygiopsis pulchella (Hedw.) Z.Iwats. LES(4897).

Isopterygium ambreanum Renauld & Cardot MDG(40).

Isopterygium anomalum Broth., *nom. nud.* = *Taxithelium glabriusculum* [9: 266]

Isopterygium antsihanakense Cardot MDG(40).

Isopterygium antunesii Broth. ANG(46).

Isopterygium appressum Renauld & Cardot = *Isopterygium combae* [1848: 462]

Isopterygium aptychopsis (Müll.Hal.) Broth. = *Isopterygium argyroleucum* (1878)

Isopterygium aquaticum Dixon ZIM(46).

Isopterygium argentatum Broth., *nom. nud.* Excluded: an undescribed collection from Togo [8332: 235; 58]

Isopterygium argillicola (Renauld & Cardot) Broth. MDG(40).

Isopterygium argyroleucon Renauld & Cardot ex Paris, *nom. nud. in synonym.* = *Taxithelium argyrophyllum* [4250: 705]

Isopterygium argyroleucum Besch. ANG(46), BEN(47), CAF(47), CMN(47), COM(40), GAB(47), GUI(47), IVO(1880), KEN(5925), MAU(105), MDG(40), NGA(47,334,5176), RIM(4639), SEY(1926,1946,1947,1950,2353,4899,4932), TOG(1878), ZAI(65).

Isopterygium asymmetricum (Renauld & Cardot) Cardot ZAI(65).

Isopterygium atrotheca (Duby) A.Jaeger = *Brachythecium borgenii* [1848: 542]

Isopterygium austrodenticulatum (Renauld & Cardot) Broth. MDG(40).

Isopterygium baurii Broth. TAN(46).

Isopterygium boivinii Besch. = *Isopterygium argyroleucum* (1878)

Isopterygium boivinii var. *costatum* Renauld & Cardot = *Isopterygium combae* (40: 244)

Isopterygium boivinii var. *terrestre* Renauld & Cardot = *Isopterygium argyroleucum* (1878)

Isopterygium brachycarpum Dixon = *Ectropothecium brachycarpum* (53: 23)

Isopterygium brevicuspis Broth. in Corb. CON(47).

Isopterygium byssiocladum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 128) from Cameroon.

- Isopterygium cameruniae* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 684) from Cameroon.
- Isopterygium candidulum*** (Müll.Hal.) A.Jaeger SUD(3076).
- Isopterygium chryseolum*** Besch. COM(40), MAS(40).
Isopterygium chrysophyllum Besch. ex Broth., *nom. inval. err.* = *Isopterygium chryseolum* [1521]
- Isopterygium citrinellum*** Renaud & Cardot REU(105).
- Isopterygium combae*** Besch. MDG(40).
- Isopterygium complanatum*** (Müll.Hal.) Wager SAF(4378).
Isopterygium compressicaule Paris, *nom. nud.* = *Taxithelium compressicaule* [1521]
- Isopterygium conangium*** Broth. CAF(47), CMN(47), GAB(47), GUI(47), IVO(1880), LBR(47), TOG(1878), ZAI(2672).
Isopterygium conangium var. *asymmetricum* Renaud & Cardot = *Isopterygium asymmetricum* [1521]
- Isopterygium congoanum*** Dixon ZAI(65).
Isopterygium delicatulum Paris & Broth., *hom. illeg.* = *Ectropothecium perrevolutum* [7448: 90]
- Isopterygium dewevrei*** Renaud & Cardot IVO(1880).
Isopterygium dubyi A.Gepp = *Isopterygium argyroleucum* (1878)
- Isopterygium elodes*** P.de la Varde UGA(46,7922).
Isopterygium erythrangium Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 763) from Cameroon.
- Isopterygium gabonense*** Broth. & P.de la Varde CAF(47), GAB(47), IVO(1880), RIM(4639).
Isopterygium gemmigerum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 43) from Cameroon.
- Isopterygium gibbosulum*** (Müll.Hal.) A.Jaeger COM(40).
- Isopterygium gracile*** Renaud & Cardot MDG(40), SEY(1926,2030,2353).
Isopterygium holstii Broth. ex Engl., *nom. nud.* = *Rhynchostegiella holstii* (1521)
- Isopterygium hygrophilum*** Broth. RWA(65), ZAI(65).
- Isopterygium intortum*** (P.Beauv.) A.Jaeger MAU(105), MDG(40), REU(105).
- Isopterygium intortum*** var. *chenagonii* Renaud & Cardot MDG(40).
Isopterygium iverseni Kiaer ex Geh. = *Catagonium nitens* ssp. *maritimum* [2857: 9]
- Isopterygium ivoirensis*** Broth. & Thér. IVO(47), TOG(2851).
- Isopterygium kilimandscharicum*** Broth. KEN(46), TAN(46).
- Isopterygium leiotheca*** Renaud & Cardot MAS(40).
- Isopterygium leptoblastum*** (Müll.Hal.) A.Jaeger COM(40), MDG(40).
Isopterygium lepturum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 248) from Cameroon.
Isopterygium leucoglaucum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 848) from Cameroon.
- Isopterygium leucophanes*** (Müll.Hal.) A.Jaeger COM(40), GAB(47), MLW(67), MOZ(357), SAF(1531,7766,8328), SWZ(1531), ZAM(62), ZIM(46).
- Isopterygium leucopsis*** (Müll.Hal.) Paris SAF(1531,8328).
Isopterygium luteonigrum Renaud & Cardot ex Broth. *err.* = *Isopterygium luteonitens* [1848: 466]
- Isopterygium luteonitens*** (Paris) Paris MDG(40).
Isopterygium maniae Renaud & Paris = *Taxiphyllum taxirameum* [7353]
- Isopterygium mbangae*** (Müll.Hal.) A.Jaeger GAB(47), SUD(3076), TAN(46), UGA(46,7922), ZAI(65).
- Isopterygium meylanii*** Cardot MDG(40).
Isopterygium microplumula Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 922) from Cameroon.
- Isopterygium microthecium*** Broth. & Paris GUI(47).
- Isopterygium minutum*** Renaud & Cardot COM(40).
- Isopterygium molle*** Thér. REU(105).
- Isopterygium nanoglobum*** (Müll.Hal.) Paris SAO(47).
Isopterygium nematocaulon (Müll.Hal.) A.Jaeger = *Sematophyllum nematocaulon* [1521]
- Isopterygium nematosum*** Broth. & Paris GUI(47).
- Isopterygium nitentivirens*** Cardot ZAI(65).
- Isopterygium nivescens*** (Broth.) Broth. CMN(47), GUI(47), RIM(4639).
Isopterygium ochrangium Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 355) from Cameroon.
Isopterygium pallido-imbricatum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 876) from Cameroon.
- Isopterygium palmarum*** (Broth.) Broth. CMN(47), GAB(47), IVO(1880), TOG(1878).
- Isopterygium pedunculatum*** Broth. & Paris GAB(47), GUI(47).

- Isopterygium phlyctithea*** P.de la Varde TAN(46), ZAI(65), ZAM(146).
Isopterygium phlyctithea var. *brachycladulum* P.de la Varde, *nom. nud. err.* = *Isopterygium phlyctithea* var. *brachycladum* [1521]. Excluded: see *Isopterygium phlyctithea* var. *brachycladum*.
Isopterygium phlyctithea var. *brachycladum* P.de la Varde, *nom. nud.* Excluded: type description not in Latin; the specimen is from Mt Biega, Zaire, and is distinguished by its very short branches [1137: 131].
Isopterygium planosquarrosus (Broth.) Paris = *Mittenothamnium planosquarrosus* [1521] (= *Rhacopilopsis trinitensis*)
Isopterygium plumigerum Broth. = *Ectropothecium plumigerum* (7353)
- Isopterygium podorrhizum*** Renauld & Cardot MDG(40).
Isopterygium praenitens Cardot GAB(47), ZAI(65).
Isopterygium prasiellum Besch. CON(47).
Isopterygium punctulatum Broth. & Wager SAF(1531,8328).
Isopterygium radicans (Brid.) A.Jaeger REU(105).
Isopterygium ramivagum Müll.Hal. ex Paris = *Taxithelium ramivagum* [1521]
Isopterygium saporense Besch. COM(40).
Isopterygium seligeri (Brid.) Dixon = *Herzogiella seligeri* [71: 642]
Isopterygium sericifolium Dixon = *Isopterygiopsis muelleriana* (6398)
Isopterygium stenosekos (Welw. & Duby) A.Jaeger = *Taxithelium stenosekos* (1521)
- Isopterygium strangulatum*** (Müll.Hal.) Broth. SAF(1531,8328).
Isopterygium subaptychopsis Broth. in Corb. CON(47).
Isopterygium subconangium Broth. & P.de la Varde CAF(47).
Isopterygium subleptoblastum Müll.Hal. COM(40), MDG(40), SEY(4932).
Isopterygium subleucopsis Broth. & Bryhn = *Isopterygium leucophanes* (1911: 427)
Isopterygium submicrothecium Broth. & Paris ANN(47), GUI(47).
Isopterygium subpinnatum Thér., *hom. illeg.* LBR(47).
Isopterygium taxiforme (Brid.) A.Jaeger = *Ectropothecium taxiforme* [1521]
Isopterygium taxithellioides Broth. & Bryhn SAF(1531,8328).
Isopterygium taylorii Sim SAF(1531,8328).
Isopterygium tenerum (Sw.) Mitt. MOZ(46), NAM(7155), SAF(1531,8328), ZIM(46,61).
Isopterygium teretiusculum Broth. in Corb. MLI(7451).
Isopterygium tisserantii Broth. & P.de la Varde CAF(47).
Isopterygium tisserantii var. *viride* P.de la Varde CAF(47).
Isopterygium verrucosulum Kindb., *nom. illeg. incl. spec. prior.* = *Isopterygium verruculosum* [1521]
Isopterygium verruculosum (Müll.Hal.) A.Jaeger COM(40).
Isopterygium virentirameum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 771*) from Cameroon.
- Isopterygium welwitschii*** A.Gepp ANG(46).
Isothecium afromysuroides Müll.Hal. = *Rhynchostegiella zeyheri* var. *obtusata* [1911: 376]
Isothecium crassiusculum (Brid.) Brid. = *Sematophyllum crassiusculum* [1521]
Isothecium imbricatum (P.Beauv.) Brid. = *Pilotrichella pentasticha* [4284: 42] (= *Orthostichella pentasticha*)
Isothecium intortum (P.Beauv.) Brid. = *Isopterygium intortum* [1521]
Isothecium kenya Dixon ex Tosco & Piovano = *Kindbergia kenya* (5546)
Isothecium mysuroides Brid. Excluded: this taxon is reported for sub-Saharan Africa in *Index Muscorum*, but no records have been found.
Isothecium neilgheriense Mont., 1842 = *Palamocladium nilgheriense* [1521] (= *Palamocladium leskeoides*)
Isothecium nilgheriense Mont., 1856 = *Palamocladium nilgheriense* [1521] (= *Palamocladium leskeoides*)
Isothecium pentastichum (Brid.) Brid. = *Pilotrichella pentasticha* [1521] (= *Orthostichella pentasticha*)
Isothecium physaophyllos (Welw. & Duby) A.Jaeger = *Sematophyllum physaophyllos* (1521)
Isothecium radiatum (Schwaegr.) Brid. = *Hypnum radiatum* [1521]
Isothecium sericeum (Hedw.) Spruce = *Homalothecium sericeum* [1521]
Jaegerina brevicuspis Broth. & P.de la Varde = *Jaegerina scariosa* (1)
Jaegerina brevicuspis var. *latifolia* P.de la Varde. Note: probably a synonym of *Jaegerina scariosa* [1: 373-376]
Jaegerina cameruniae (Broth.) Wijk & Margad. = *Jaegerina scariosa* (1)
Jaegerina excurrens Dixon = *Jaegerina robillardii* (1)
Jaegerina flagellifera Müll.Hal., *nom. nud.* = *Jaegerina stolonifera* var. *clavata* (40: 226) (= *Jaegerina stolonifera* var. *stolonifera*)
- Jaegerina formosa*** Besch. MAU(94).
Jaegerina laticuspis J.Taylor & P.de la Varde = *Jaegerina stolonifera* var. *laticuspis* (1)
Jaegerina plicata Cardot COM(40).
Jaegerina retrosquarrosa B.H.Allen, Crosby & Magill MAU(94).
Jaegerina robillardii Müll.Hal. MAU(105).
Jaegerina scariosa (Lorentz) Arzeni CAF(1,47), CMN(1,47), GAB(47), GHA(1,47),

- GUI(47), NGA(1,47,5148).
- Jaegerina solitaria*** (Brid.) A.Jaeger COM(40), MAU(105), REU(105,3410).
- Jaegerina solitaria* var. *nossi-beana*** Besch. MDG(40).
- Jaegerina solitaria* var. *ramosa*** Besch. REU(105).
- Jaegerina stolonifera* ssp. *laticuspis*** (J.Taylor & P.de la Varde) Argent MLW(1,67), TAN(1,46), UGA(1,46).
- Jaegerina stolonifera* ssp. *stolonifera*** (Müll.Hal.) Müll.Hal. COM(1,40), KEN(1,46,7065), MDG(1,40), SAF(1531,8328), TAN(46), UGA(1,46).
- Jaegerina stolonifera* var. *clavata* Müll.Hal. = *Jaegerina stolonifera* ssp. *stolonifera* (1)
- Jaegerinopsis cameruniae* (Broth.) Wijk. & Margad = *Jaegerina scariosa* (1)
- Jonesiobryum dumboi*** Eb.Fisch., D.Killman & Sérus. UGA(8353)
- Jonesiobryum sphaerocarpum*** Bizot ex B.H.Allen & Pursell CAF(4395), NGA(47,334,6263).
- Juratzkaea incisa*** (W.R.Buck) Catches. & I.G.Stone NAM(1531), SAF(267,1531,1554,8328).
- Juratzkaea subconferta* M.Fleisch, *nom. nud.* Excluded: an undescribed taxon from the South African Cape area.
- Kindbergia africana*** (Herzog) Ochyra BIO(8180), ETH(1927), KEN(46), RWA(46,65), TAN(46), UGA(46), ZAI(65).
- Kindbergia africana* var. *latifolia*** (Demaret & V.Leroy) Ochyra RWA(717).
- Kindbergia kenyae*** (Dixon ex Tosco & Piovano) O'Shea & Ochyra KEN(46,5546).
- Kindbergia praelonga* var. *congoana*** (Thér.) Ochyra RWA(65).
- Kindbergia praelonga* var. *praelonga*** (Bruch, Schimp. & W.Gümbel) Ochyra CVI(1296,2666), SAF(4670,8328), STH(1296,5331), TAN(46), UGA(6989).
- Kindbergia praelonga* var. *stokesii* (Turner) Ochyra = *Kindbergia praelonga* var. *praelonga* [2267]
- Kleioweisiopsis denticulata*** Dixon KEN(46).
- Kleioweisiopsis involuta* Bizot = *Weissia bizotii* (1420)
- Lamprophyllum albicans* Lindb., *nom. illeg. incl. spec. prior.* = *Mniobryum wahlenbergii* [1521] (= *Pohlia wahlenbergii*)
- Lamprophyllum crudum* (Hedw.) Lindb. = *Pohlia cruda* [1521]
- Lamprophyllum elongatum* (Hedw.) Lindb. = *Pohlia elongata* [1521]
- Lamprophyllum nutans* (Hedw.) Lindb. = *Pohlia nutans* [1521]
- Lasia acicularis* Spreng. ex Steud., *nom. illeg. incl. spec. prior.* = *Macromitrium pallidum* [1521]
- Lasia borgenii* Müll.Hal. ex C.H.Wright, *nom. nud.* = *Trachyphyllum borgenii* [1521]
- Lasia flagellacea* Müll.Hal. = *Forsstroemia flagellacea* (1521) (= *Forsstroemia producta*)
- Lasia producta* (Hornsch.) A.Jaeger = *Forsstroemia producta* (1519: 587)
- Lasia smithii* (Hedw.) Brid. = *Leptodon smithii* [1521]
- Lasiodontium miehei* Ochyra in Miehe & Miehe = *Daltonia angustifolia* (5546)
- Leersia ciliata* Hedw, *nom. inval.* = *Encalypta ciliata* [1521]
- Leersia crispata* (Hedw.) Brid. = *Ptychomitrium crispatum* [1521]
- Leersia pulvinata* Schrank, *nom. inval.* = *Grimmia pulvinata* [1521]
- Leersia vulgaris* Hedw., *nom. inval.* = *Encalypta vulgaris* (1521)
- Leiomela africana* Thér. & Naveau = *Leiomela bartramioides* [6084]
- Leiomela bartramioides*** (Hook.) Paris BIO(2662), KEN(46), REU(105), RWA(65), TAN(46,6084), ZAI(65).
- Leiomela bartramioides* var. *borbonica* (Besch.) Paris = *Leiomela africana* (2083) (= *Leiomela bartramioides*)
- Leiomela hookeri* var. *javanica* (Renauld & Cardot) M.Fleisch. = *Leiomela javanica* [1521] (= *Leiomela bartramioides*)
- Leiomela javanica* (Renauld & Cardot) Broth. = *Leiomela bartramioides* [6084]
- Leiomela stricta* P.de la Varde & Thér. = *Anacolia laevisphaera* (2083)
- Leiomitrium appendiculatum* (Renauld & Cardot) Cardot in Grandid. = *Cardotiella appendiculata* [1642]
- Leiomitrium capense* Broth. = *Macrocoma tenuis* var. *tenuis* (1519: 510)
- Leiomitrium plicatum*** (P.Beauv.) Mitt. MAU(1642), REU(105), ROD(105).
- Leiomitrium renaudii* (Broth.) Cardot in Grandid. = *Cardotiella renaudii* [1642]
- Leiomitrium subappendiculatum* (Broth.) Cardot in Grandid. = *Cardotiella subappendiculatum* [1642]
- Leiotheca acicularis* Brid., *nom. illeg. incl. spec. prior.* = *Macromitrium pallidum* [1521]
- Leiotheca urceolata* (Hook.) Brid. = *Macromitrium urceolatum* [1521]
- Lepidopilidium attenuatum*** Thér. MDG(40).
- Lepidopilidium brunneolum*** (Müll.Hal.) Paris COM(40).
- Lepidopilidium caespitosum* Broth., *orthogr.* = *Lepidopilidium caespitosum* [1521]
- Lepidopilidium caespitosum*** (Besch.) Broth. BIO(8180), BUR(65), REU(105,3410).
- Lepidopilidium chenagonii*** (Renauld & Cardot) Cardot MDG(40).

- Lepidopilidium corbieri*** (Renauld & Cardot) Cardot BUR(65), MDG(40).
Lepidopilidium cyrtostegium (Renauld & Cardot) Cardot ZAI(65).
Lepidopilidium devexum (Mitt.) Broth. BIO(2659), CMN(47), RIM(4639), TAN(46).
Lepidopilidium flexuosum (Besch.) Broth. ex Paris REU(105,3410).
Lepidopilidium hanningtonii (Mitt.) Broth. SAF(1531,8328), SWZ(1531), TAN(46), UGA(46).
Lepidopilidium isleanum (Besch.) Broth. REU(105).
Lepidopilidium lastii. Note: this name was included in version 1 of the checklist in error, and should be *Lepidopilium lastii*.
Lepidopilidium parvulum Cardot MDG(40).
Lepidopilidium sikorae M.Fleisch., *nom. nud.* Excluded: an undescribed taxon from Madagascar.
Lepidopilidium subdevexum (Broth.) Broth. CAF(47), CMN(47).
Lepidopilidium subdevexum var. ***intermedium*** P.de la Varde CAF(47), UGA(4282).
Lepidopilidium subrevolutum (Renauld & Cardot) Cardot MAU(105), MDG(40).
Lepidopilidium theriotii Naveau in Dixon & Thér. RWA(65), UGA(4282), ZAI(65).
Lepidopilium angolense (Welw. & Duby) A.Jaeger = *Thamniopsis pappeana* (2817)
Lepidopilium brachychaete Müll.Hal. ex Paris. Excluded: an undescribed collection (*Dusén 457*) from Cameroon.
Lepidopilium brunneolum Müll.Hal. = *Lepidopilidium brunneolum* [1521]
Lepidopilium caespitosum Besch. ex Kindb., *nom. illeg. err.* = *Lepidopilidium caespitosum* [1521]
Lepidopilium callochlorum Müll.Hal. ex Broth. = *Lepidopilium lastii* (6990)
Lepidopilium carrougeauanum Thér. & P.de la Varde = *Lepidopilium lastii* (6990)
Lepidopilium caespitosum Besch. = *Lepidopilidium caespitosum* [1521]
Lepidopilium chenagonii Renauld & Cardot ex Renauld = *Lepidopilidium chenagonii* [1521]
Lepidopilium corbieri Renauld & Cardot = *Lepidopilidium corbieri* [1521]
Lepidopilium cyrtostegium Renauld & Cardot = *Lepidopilidium cyrtostegium* [1521]
Lepidopilium darntyi Schimp. ex Besch. = *Thamniopsis pappeana* (2817)
Lepidopilium devexum Mitt. = *Lepidopilidium devexum* [1521]
Lepidopilium diversifolium Renauld & Cardot ex Renauld = *Hookeriopsis diversifolia* [1521]
Lepidopilium dusenii (Broth.) Broth., *hom. illeg.* = *Actinodontium dusenii* [1521]
Lepidopilium dusenii Müll.Hal. ex Broth. = *Lepidopilium lastii* (6990)
Lepidopilium filiferum Broth. in Mildbr., *hom. illeg.* = *Lepidopilium lastii* (6990)
Lepidopilium flexuosum Besch. = *Lepidopilidium flexuosum* [1521]
Lepidopilium hanningtonii Mitt. = *Lepidopilidium hanningtonii* (1521)
Lepidopilium hirsutum Besch. REU(105).
Lepidopilium hirsutum var. ***tuberculatum*** Thér. MDG(40).
Lepidopilium humblotii Renauld & Cardot = *Leucomium strumosum* (6990)
Lepidopilium integrum Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Actinodontium dusenii* [8199: 16]
Lepidopilium isleanum Besch. = *Lepidopilidium isleanum* [1521]
Lepidopilium lastii Mitt. BIO(47,2662,3418), CMN(47,6990), ETH(6990), GUI(47,5041), IVO(1880), KEN(46,6990), MAU(3410), MDG(40,6990), MLW(67,6990), NGA(47,5148), RIM(4639), RWA(65,6990), SAO(47), TAN(46,4853,6990), UGA(4282), ZAI(65,6990).
Lepidopilium leiopus Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 358*) from Cameroon.
Lepidopilium muricatum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 678*) from Cameroon.
Lepidopilium niveum (Müll.Hal.) Kindb. CAF(47), CMN(47), CON(47), GAB(47), GUI(47,5041), SAO(47).
Lepidopilium pappeanum (Hampe) Müll.Hal. = *Hookeriopsis pappeana* [1521] (= *Thamniopsis utacamundiana*)
Lepidopilium parvulum Schimp. ex C.H.Wright, *nom. nud.* = *Lepidopilidium parvulum* [1521]
Lepidopilium sikorae Müll.Hal. ex M.Fleisch., *nom. nud.* Excluded: an undescribed taxon from Madagascar.
Lepidopilium streptopogoneum Müll.Hal. ex Paris, *nom. nud. in synonym. err.* = *Actinodontium streptopogoneum* [1521]
Lepidopilium streptopogoneum Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Actinodontium streptopogoneum* [1521]
Lepidopilium subdevexum Broth. = *Lepidopilidium subdevexum* [1521]
Lepidopilium subrevolutum Broth. = *Lepidopilidium subrevolutum* [4097: 80]
Lepidopilium verrucipes Cardot MDG(40,6990), TAN(4853).
Lepidopilium versicolor Mitt. = *Thamniopsis versicolor* (2817)
Leptangium breutelii (Müll.Hal.) A.Jaeger = *Gigaspermum repens* [1911: 289]
Leptangium perrottetii (Hook.) Mitt. = *Erpodium perrottetii* [1521]
Leptangium repens (Hook.) Mitt. = *Gigaspermum repens* (83: 299)
Leptobryum crispatum (Nees & Hornsch.) Gugelb. = *Weissia fallax* [4926: 188]
Leptobryum pyriforme (Hedw.) Wilson BIO(8180), CHA(51,4480,4507,4508),

- CVI(2666,6453), LES(1531), MDG(40), MOZ(357), NAM(6798), SAF(1531,7766,8328), SUD(3488), ZAI(65,5319), ZIM(5525).
- Leptobryum wilsonii** (Mitt.) Broth. LES(2124,6609).
Leptochlaena rehmannii Müll.Hal. ex Kindb., *nom. nud.* = *Mielichhoferia ecklonii* [1911: 316] (= *Mielichhoferia bryoides*)
Leptochlaena rehmannii var. *oranica* Rehm ex Dixon & A.Gepp, *nom. nud.* = *Mielichhoferia ecklonii* [1911: 316] (= *Mielichhoferia bryoides*)
Leptodictyum riparioides (A.Jaeger) Broth. = *Amblystegium riparium* [7465: 40]
Leptodictyum riparium (Hedw.) Bruch, Schimp. & W.Gümbel = *Amblystegium riparium* [71: 638]
Leptodictyum riparium fo. *elongatum* (Bruch, Schimp. & W.Gümbel) Warnst. = *Amblystegium riparium* fo. *elongatum* (65) (= *Amblystegium riparium*)
Leptodon beccarii Müll.Hal. = *Leptodon smithii* var. *beccarii* (1521)
Leptodon boryanus Besch. = *Leptodon fuciformis* (301)
Leptodon boryi Schimp. ex Kindb., *nom. illeg. incl. spec. prior.* = *Leptodon boryanus* [1521] (= *Leptodon fuciformis*)
Leptodon flexuosus (Harv.) A.Jaeger = *Cryptoleptodon flexuosus* [1521] (= *Cryptoleptodon pluvinii*)
- Leptodon fuciformis** (Brid.) Enroth MAU(105), MDG(40), REU(105,301).
Leptodon longisetus Mont. = *Cryptoleptodon longisetus* (301)
Leptodon mollis Rehm ex Kindb., *nom. nud.* = *Leptodon smithii* [1911: 398]
- Leptodon smithii** (Hedw.) F.Weber & D.Mohr DJI(1569), ERI(50), ETH(50,1927), KEN(46,3412,5315,6614), RWA(65), SAF(1531,3411,4897,7766,8328), TAN(46), UGA(46), ZIM(46).
Leptodon smithii fo. *laxus* Tongiorgi. Excluded: any records for this form have been associated with the owning species.
- Leptodon smithii** var. **beccarii** (Müll.Hal.) Tongiorgi DJI(50), ERI(50), ETH(50,1927), KEN(46), TAN(46), UGA(46).
Leptodontiopsis fragilifolia Broth. = *Zygodon fragilifolia* var. *papillosus* [7756: 287]
Leptodontiopsis fragilifolia var. *brotheri* P.de la Varde = *Zygodon fragilifolia* var. *fragilifolia* [7756: 287]
Leptodontium abyssinicum Broth. = *Leptodontium capituligerum* (34)
Leptodontium acutum (C.H.Wright) Broth. = *Leptodontium squarrosum* [1911: 249] (= *Leptodontium viticulosoides* var. *viticulosoides*)
Leptodontium allorgei Bizot ex Pócs. Excluded: De Sloover (290) states that the specimen is probably a species of *Cynodontium*.
Leptodontium armatum Rehm ex Paris, *nom. nud.* = *Leptodontium squarrosum* [1911: 249] (= *Leptodontium viticulosoides*)
Leptodontium armatum var. *brevifolium* Rehm ex Paris, *nom. nud.* = *Leptodontium squarrosum* [4800: 193] (= *Leptodontium viticulosoides*)
- Leptodontium brachyphyllum** Broth. & Thér. LES(1531,4897), MLW(6087), SAF(1531,4897,8328), SWZ(1531).
- Leptodontium capituligerum** Müll.Hal. ETH(34,50,290,1927), KEN(46), UGA(4282).
Leptodontium epunctatum Broth., *nom. illeg. incl. spec. prior.* = *Leptodontium viticulosoides* [1521]
Leptodontium epunctatum var. *paludosum* Renauld & Cardot = *Leptodontium viticulosoides* (2763: 317)
Leptodontium filicaule Dixon = *Leptodontium flexifolium* (1420)
- Leptodontium flexifolium** (Dicks.) Hampe in Lindb. BIO(47,290), CMN(34,47,290), KEN(34,46,290), LES(1158,4304,4897), MLW(4304,6087), REU(290), RWA(46,65,290), SAF(4897), TAN(46,290), UGA(46,290), ZAI(34,65,290,5319).
- Leptodontium gambaragarae** G.Negri KEN(46), UGA(46).
Leptodontium gemmigerum Broth. = *Leptodontium longicaule* var. *longicaule* (34)
Leptodontium gemmigerum var. *majus* Broth ex P.Syd., *nom. inval. err.* = *Leptodontium tenerascens* var. *majus* [1521]
Leptodontium hildebrandtii Müll.Hal. ex Renauld, *nom. nud.* = *Leptodontium viticulosoides* (2763: 317)
Leptodontium insolitum var. *insolitum* Thér. & P.de la Varde = *Barbula eubryum* (1420)
Leptodontium insolitum var. *perundulatum* Thér. & P.de la Varde = *Barbula eubryum* (1420)
Leptodontium joannis-meyeri Müll.Hal. = *Leptodontium pungens* (1420).
Leptodontium joannis-meyeri var. *cameruniae* Broth. = *Leptodontium pungens* (1420)
- Leptodontium latifolium** Broth. RWA(65,290), UGA(46), ZAI(65,290).
Leptodontium leptoprion Müll.Hal. Excluded: an undescribed collection from Mozambique.
- Leptodontium longicaule** ssp. **stellatum** (Brid.) De Sloover BUR(65), REU(290), TAN(46).
Leptodontium longicaule var. **longicaule** Mitt. BUR(65,290), KEN(46,290), MLW(67,290,6087), REU(34,290,1925), RWA(65,290), SAF(34,1531,4897,8328), SWZ(1531), TAN(34,46), UGA(290,3072), ZAI(65,290,5319), ZIM(61,290).
- Leptodontium longicaule** var. **microruncinatum** (Dusén) R.H.Zander KEN(34,46), REU(34,105,1925), SAF(34).
- Leptodontium luteum** (Taylor) Mitt. KEN(46,290,3412,5315), RWA(290), TAN(34,46,290),

UGA(290,3072).

Leptodontium maclennanii (Dixon) Broth. = *Leptodontium viticulosoides* [2763: 317]

Leptodontium persquarrosus Broth. = *Leptodontium wallisii* (34)

Leptodontium proliferum Herzog LES(4897).

Leptodontium pumilum (Müll.Hal.) Kindb. = *Leptodontium pungens* (1420)

Leptodontium pungens (Mitt.) Kindb. BIO(8180), CMN(34,47,290), ETH(1865,1927), KEN(34,46,290,2661,3412,5315), MDG(290), MLW(6087), REU(290), RWA(65,290), TAN(46,290), UGA(46,290), ZAI(65,290).

Leptodontium radicosum (Mitt.) Mitt. = *Leptodontium viticulosoides* var. *viticulosoides* (290)

Leptodontium repens (Müll.Hal.) Kindb. TAN(46).

Leptodontium rhynchophorum Dixon. Excluded: De Sloover (290) states that the specimen is probably a species of *Zygodon*.

Leptodontium serrifolium (Müll.Hal.) Broth. = *Leptodontium pungens* (1420)

Leptodontium squarrosus (Hook.) Hampe = *Leptodontium viticulosoides* [2763: 317]

Leptodontium squarrosus var. *hildebrandtii* Cardot in Grandid. = *Leptodontium viticulosoides* [2763: 317]

Leptodontium squarrosus var. *paludosum* (Renauld & Cardot) Cardot in Grandid. = *Leptodontium viticulosoides* [2763: 317]

Leptodontium stellatum (Brid.) Renauld = *Leptodontium longicaule* ssp. *stellatum* (65)

Leptodontium subfilesens Thér. & Naveau = *Leptodontium flexifolium* (34)

Leptodontium subintegrum Broth. = *Trichostomum subintegrum* (1521)

Leptodontium sublaevifolium Broth. = *Leptodontium wallisii* (34)

Leptodontium tenerascens Broth. = *Leptodontium flexifolium* (34)

Leptodontium tenerascens var. *filesens* Thér. ex P.de la Varde, *err.* = *Leptodontium tenerascens* var. *subfilesens* [1521] (= *Leptodontium flexifolium*)

Leptodontium tenerascens var. *majus* Broth. ex Mildbr. = *Leptodontium flexifolium* [34]

Leptodontium tenerascens var. *planifolium* P.de la Varde. Excluded: De Sloover (290) states that the specimen from Rwanda called such by Potier de la Varde does not belong to *Leptodontium*.

Leptodontium tenerascens var. *subfilesens* (Thér. & Naveau) Thér. = *Leptodontium flexifolium* [34]

Leptodontium transvaaliense Paris, *nom. nud.* = *Trichostomum rehmannii* [1911: 245] (= *Tortella xanthocarpa*)

Leptodontium tristichus (Müll.Hal.) Mitt. = *Triquetrella tristicha* (1521)

Leptodontium undatifolium Müll.Hal. ex Naveau, *nom. nud.* Excluded: an undescribed specimen (*Bequaert 8073*) from Mokoto, D.R. Congo [5967: 28; 65].

Leptodontium viticulosoides var. ***viticulosoides*** (P.Beauv.) Wijk & Margad. BIO(3414), BUR(65,290), CMN(34,47,290), COM(40), DJI(1569), ETH(50,111,290,1927), KEN(34,46,290,3412,5315,7065), MDG(34,40,290,1925), MLW(34,67,290,6087), MOZ(46,290), REU(34,105,290,1925), RWA(46,65,290), SAF(34,1531,8328), SUD(3488), TAN(34,46,290), UGA(34,46,290), ZAI(34,65,290), ZAM(46,290), ZIM(34,46,61,290).

Leptodontium volkensis Broth. = *Leptodontium viticulosoides* var. *viticulosoides* (1420)

Leptodontium wallisii (Müll.Hal.) Kindb. KEN(290,6615), RWA(65,290), TAN(290,1404), UGA(46,290), ZAI(34,65,290).

Leptodontium wolkensis Broth. ex Paris, *nom. illeg. orthogr.* = *Leptodontium volkensis* [1521] (= *Leptodontium viticulosoides* var. *viticulosoides*)

Leptohymenium abyssinicum Bruch & Schimp., *nom. nud. in synonym.* = *Pylaisiobryum abyssinicum* [1521]

Leptohymenium barteri (Mitt.) Paris = *Erythrodonium barteri* [1521]

Leptohymenium borgenii Renauld & Cardot in Renauld = *Trachyphyllum borgenii* [1521]

Leptohymenium dilatatum Renauld = *Trachyphyllum dilatatum* [1521] (= *Trachyphyllum inflexum*)

Leptohymenium fabronioides Müll.Hal. ex Besch. = *Trachyphyllum fabronioides* [1521] (= *Trachyphyllum inflexum*)

Leptohymenium ferriezii Marie ex Besch. = *Trachyphyllum inflexum* [2737: 1143]

Leptohymenium ferriezii var. *abbreviatum* Renauld & Cardot = *Trachyphyllum fabronioides* var. *imbricatum* [1848: 393] (= *Trachyphyllum inflexum*)

Leptohymenium ferriezii var. *imbricatum* Renauld & Paris = *Trachyphyllum fabronioides* var. *imbricatum* [1521] (= *Trachyphyllum inflexum*)

Leptohymenium gracile (Hedw.) Huebener = *Pterogonium gracile* [1521]

Leptohymenium hookeri Hampe, *nom. illeg. incl. spec. prior.* = *Erythrodonium julaceum* [1521]

Leptohymenium julaceum (Schwaegr.) Hampe. = *Erythrodonium julaceum* [1521]

Leptohymenium julaceum Bruch & Schimp., *nom. nud.* = *Pylaisiobryum abyssinicum* [1506: 71]

Leptohymenium pinnatum Broth. & Paris = *Trachyphyllum pinnatum* [1521] (= *Trachyphyllum dusenii*)

Leptohymenium repens (Müll.Hal.) Broth., *hom. illeg.* = *Leptodontium repens* (1521)

Leptohymenium schweinfurthii (Müll.Hal.) A.Jaeger = *Erythrodonium barteri* [2849: 110]

Leptohymenium stramineum A.Jaeger ETH(50).

Leptoischyrodon congoanus Dixon MLW(67), SAF(1531,8328), ZAI(65).

Leptophascum leptophyllum (Müll.Hal.) J.Guerra & M.J.Cano BOT(68,1531),

- CVI(2514,2666), KEN(7251), LES(4897), MLW(68), MTN(6996), REU(5440), SAF(68,1531,8328), TAN(68), ZIM(68).
- Leptopterigynandrum subintegrum*** (Mitt.) Broth. LES(1074,1531,4897,7901), SAF(1531,7901, 8328).
- Leptopterigynandrum austro-alpinum* Müll.Hal. Excluded: this taxon does not occur in Africa; all African collections given this name belong to *Leptopterigynandrum subintegrum* [7901: 30-31].
- Leptorhynchostegium pseudovelutinum* (Müll.Hal.) Hampe ex Sim, *comb. inval.* = *Brachythecium pseudovelutinum* [1521]
- Leptostomopsis meruensis* Müll.Hal., *nom. illeg.* = *Brachymenium meruense* (1521)
- Leptostomum gerrardii* J.Shaw. Excluded: Sim [1911: 314] suggests that this is certainly not a *Leptostomum*, and in the absence of the specimen, suggests that based on the description it is likely to be *Brachymenium julaceum*.
- Leptotheca gaudichaudii*** var. ***gaudichaudii*** Schwägr. SAF(1531,1595,8328).
- Leptotrichella afro-exigua*** (Müll.Hal. ex Dusén) Ochyra CMN(47).
- Leptotrichella ampullacea*** (Müll.Hal. ex Dusén) Ochyra MLW(67), NGA(47).
- Leptotrichella congolensis*** (Renauld & Cardot) Ochyra ZAI(65).
- Leptotrichella ligulifolia*** (Müll.Hal.) Ochyra NGA(47).
- Leptotrichella lutaria*** (Besch.) Ochyra REU(105).
- Leptotrichella minuta*** (Hampe) Ochyra COM(40), LES(1531), MAU(105), MDG(40), MLW(67,6087), SAF(1531,8328), SWZ(1531), TAN(46).
- Leptotrichella moenkemeyeri*** (Müll.Hal.) Ochyra NGA(47).
- Leptotrichella nitidula*** (Mitt.) Ochyra CAF(47), GAB(47), GHA(47), IVO(1880), NGA(47,5160,5176), TOG(58,1878), ZAI(65).
- Leptotrichella pallidiseta*** (Brid.) Ochyra MDG(40).
- Leptotrichella subnitidula*** (Thér. & P.de la Varde) Ochyra CAF(47), GAB(47), ZAI(65,7863).
- Leptotrichum boryanum* Müll.Hal. = *Ditrichum difficile* [5544: 326]
- Leptotrichum boryi* Müll.Hal. ex Kindb., *nom. illeg. incl. spec. prior.* = *Ditrichum difficile* [5544: 326]
- Leptotrichum brachypodum* Müll.Hal. = *Ditrichum brachypodum* [1521]
- Leptotrichum brevifolium* Müll.Hal. = *Ditrichum brachypodum* [1911: 144]
- Leptotrichum capense* Müll.Hal. = *Ditrichum difficile* [5544: 326]
- Leptotrichum capense* var. *tenellum* Müll.Hal. = *Ditrichum difficile* var. *tenellum* [4378: 89]
- Leptotrichum capense* var. *vallis-gratae* Müll.Hal. ex Paris = *Ditrichum difficile* [5544: 326]
- Leptotrichum capillaceum* (Hedw.) Mitt. = *Distichium capillaceum* [1521]
- Leptotrichum difficile* (Duby) Müll.Hal. = *Ditrichum difficile* [1521]
- Leptotrichum dolichopodon* Rehmman ex Geh., *nom. nud.* = *Ditrichum brachypodum* [1911: 145]
- Leptotrichum euphorocladum* (Müll.Hal.) Mitt. = *Campylodontium euphorocladum* [1521] (= *Campylodontium medium*)
- Leptotrichum flexifolium* Mitt. = *Ditrichum difficile* [5544: 326]
- Leptotrichum glaucescens* (Hedw.) Hampe ex Schimp. = *Saelania glaucescens* [1521]
- Leptotrichum heteromallum* (Hedw.) Mitt. = *Dicranella heteromalla* [1521]
- Leptotrichum hornsuschii* Müll.Hal., *nom. illeg. incl. spec. prior.* = *Campylopodium proscriptum* [1521] (= *Dicranella proscripta*)
- Leptotrichum laxifolium* (Hook.f. & Wilson) Müll.Hal. = *Ditrichum difficile* [5544: 326]
- Leptotrichum leptorhynchum* Schimp. ex A.Jaeger, *nom. nud.* = *Dicranella pervilleana* [1945: 307]
- Leptotrichum macleanum* Rehmman ex Kindb., *nom. nud.* = *Ditrichum flexifolium* [1911: 146] (= *Ditrichum difficile*)
- Leptotrichum madagassum* Renauld & Cardot in Renauld = *Ditrichum madagassum* [1521]
- Leptotrichum madecassum* Renauld & Cardot in Renauld, *nom. nud. err.* = *Leptotrichum madagassum* [1521] (= *Ditrichum madagassum*)
- Leptotrichum nitidulum* Mitt. = *Microdus nitidulus* [1521] (= *Leptotrichella nitidula*)
- Leptotrichum pallidum* (Hedw.) Hampe ex Müll.Hal. = *Ditrichum pallidum* [1521]
- Leptotrichum vallis-gratae* (Lindb.) Hampe ex A.Jaeger = *Ditrichum flexifolium* [1911: 146] (= *Ditrichum difficile*)
- Lepyrodon capensis* Rehmman ex Kindb., *nom. nud.* = *Ischyrodon seriolus* [1911: 365] (= *Juratzkea incisa*)
- Lepyrodon mauritanicus* Müll.Hal. ex Besch. = *Campylodontium flavescens* [1848: 390] (= *Mesonodon flavescens*)
- Leskea abbreviata* Schimp., *nom. nud.* Excluded: see *Lindbergia abbreviata*.
- Leskea acidodon* Mont. = *Macrohymenium acidodon* [1521]
- Leskea bonplandii* Hook., *nom. illeg. incl. spec. prior.* = *Homalothecium leskeoides* [1521] (= *Palamocladium leskeoides*)
- Leskea borbonica* Bél. = *Trichosteleum borbonicum* [1521] (= *Radulina borbonica*)
- Leskea breutelii* Schimp. ex Kindb., *nom. nud.* = *Dimerodontium africanum* [4378: 134]
- Leskea caespitosa* Hedw. Note: Buck (3419) points out that this taxon is a species of *Acroporium*, although Mitten treats it, in the sense of Swartz, as *Sematophyllum caespitosum* (= *Sematophyllum subpinnatum*).
- Leskea capensis* Spreng. ex Müll.Hal., *nom. nud. in synon.* = *Eurhynchium sprengelii* [4779: 786]
- Leskea carnifolia* Müll.Hal. ex Geh., *nom. nud.* = *Dimerodontium africanum* [1911: 365]
- Leskea chlorina* Schimp. ex Kindb. Excluded: no known description or specimen.

- Leskea claviramea* (Müll.Hal.) Mitt. = *Pseudoleskeopsis claviramea* (1521)
Leskea constricta Brid. = *Trichosteleum constrictum* [1521]
Leskea cristata Hedw. = *Eriopus cristatus* [1521] (= *Calypstrochaeta cristata*)
Leskea densa Hook. ex Kunth = *Bryosedgwickia densa* [1521] (= *Platygyriella densa*)
Leskea duisaboana Mont. = *Sematophyllum caespitosum* [3419: 88] (= *Sematophyllum subpinnatum*)
Leskea duisabonae Mont., *nom. illeg. incl. spec. prior.* = *Sematophyllum caespitosum* [3419: 88] (= *Sematophyllum subpinnatum*)
Leskea fallax Rehm ex Kindb., *nom. nud.* = *Lindbergia patentifolia* [1911: 380]
Leskea fallax var. *robusta* Rehm ex Kindb., *nom. nud.* = *Lindbergia patentifolia* [1911: 380]
- Leskea filivaga* (Müll.Hal.) Broth. KEN(46).**
Leskea flexilis var. *pentasticha* Brid. = *Pilotrichella pentasticha* [4284: 42] (*Orthostichella pentasticha*)
Leskea floribunda Dozy & Molk. = *Floribundaria floribunda* (1519: 583)
- Leskea guineensis* Paris & Broth. GUI(47).**
Leskea integra P.Beauv. Excluded: it is unclear from the description what this taxon is likely to be.
Leskea intricata Mitt., *hom. illeg.* = *Thuidium intricatum* [1521] (= *Pelekium intricatum*)
Leskea involvens Hedw. = *Thuidium involvens* [1521] Excluded: see *Thuidium involvens* ssp. *involvens*.
Leskea marchica Willd., *nom. inval.* = *Philonotois marchica* [1521]
Leskea maritima Hook. = *Catagonium nitens* ssp. *maritimum* [2857: 9]
- Leskea mauritiana* Besch. MAU(105).**
Leskea multiflora Brid. = *Hypnum multiflorum* [1521]
Leskea myosuroides (Brid.) Aongstr. = *Isothecium myosuroides* [1521] Excluded: see *Isothecium myosuroides*.
Leskea nigeriana Mitt. = *Thuidium nigerianum* [1521] (= *Thuidium involvens* var. *thomeanum*)
Leskea nitens Brid. = *Catagonium nitens* [1521]
Leskea palisotii Hampe = *Pilotrichella pentasticha* [4284: 42] (= *Orthostichella pentasticha*)
Leskea pseudotristis (Müll.Hal.) A.Jaeger = *Haplohymenium pseudotriste* [1521] (= *Anomodon pseudotristis*)
Leskea ramusculosa Mitt. = *Thuidium ramusculosum* [1521] (= *Pelekium ramusculosum*)
Leskea sericea Hedw. = *Homalothecium sericeum* [1521]
Leskea serrulata Brid., *nom. illeg. incl. spec. prior.* = *Isopterygium radicans* [1521]
Leskea subcompressa Bruch & Schimp. ex Müll.Hal., *nom. nud. in synonym.* = *Entodon subcompressus* (1521)
Leskea tamariscina (Hedw.) Mitt., *hom. illeg.* = *Thuidium tamariscinum* [1521]
Leskea tamariscina Hedw. = *Hypopterygium tamariscinum* [1521] (= *Canalohypopterygium tamarisci*)
Leskea uncinata (Sm.) Brid. = *Hypnum cupressiforme* [1911: 423]
- Leskeella zuluensis* Broth. & Bryhn SAF(1531,8328).**
Leskeodon mniifolius (Hornsch.) Bizot = *Distichophyllum mniifolium* (1519: 612)
- Leucobryum acutifolium* (Mitt.) Cardot ANG(46), MDG(40), MLW(67), SAF(1531,8328), SWZ(1531), TAN(46), ZAI(65), ZAM(46,62), ZIM(46,61).**
Leucobryum africanum Cardot ex Paris, *nom. nud.* = *Leucobryum madagassum* Besch. [7180: 26]
Leucobryum afroglaucum Müll.Hal., *nom. nud.* Excluded: there is no description associated with this name, but Potier de la Varde [4948] identified it from several countries (CAF, CMN, GAB, GUI), and it was also reported from ZAI [65].
- Leucobryum babettii* Thér. & P.de la Varde CON(47), GAB(47), RIM(4639).**
- Leucobryum bistratosum* Broth. TAN(46).**
Leucobryum boivianum Besch. ex Müll.Hal., *nom. inval.* = *Leucobryum boivianum* (1521)
- Leucobryum boivianum* Besch. MDG(40).**
Leucobryum boivinii Kindb., *nom. illeg.* = *Leucobryum boivianum* (1521)
- Leucobryum boryanum* Besch. MAU(5916), MDG(40), REU(105).**
- Leucobryum boryanum* var. *minus* Cardot MDG(40).**
Leucobryum boryi Kindb., *nom. illeg.* = *Leucobryum boryanum* (1521)
- Leucobryum cambouei* Cardot MDG(40).**
- Leucobryum cameruniae* Müll.Hal. ex Renauld & Cardot CAF(47), CMN(47), CON(47), GAB(47), IVO(44).**
Leucobryum capitatum Müll.Hal. ex Cardot *nom. nud.* = *Leucobryum madagassum* Besch. [2324: 108]
- Leucobryum chevalieri* Cardot & Thér. IVO(7415).**
- Leucobryum comorense* Müll.Hal. COM(40), MAU(105), MDG(40,6908).**
- Leucobryum congolense* Cardot in Renauld & Cardot ZAI(7306).**
- Leucobryum cucullatum* Broth. ANG(259), GAB(47), KEN(46), MDG(40), MLW(67), TAN(46), UGA(4282), ZAI(65), ZAM(46).**
- Leucobryum cucullatum* var. *rutenbergii* (Geh.) Cardot ANG(259), MDG(40).**
- Leucobryum fouta-djalloni* Paris & Cardot CAF(47), GUI(47), KEN(46), MLW(67), NGA(334), SAO(47).**
- Leucobryum galinonii* Cardot & Paris MDG(40).**

- Leucobryum gracilifolium* Dixon = *Leucobryum rehmannii* (82: 158)
Leucobryum gueinzii Müll.Hal. = *Leucobryum acutifolium* (82: 156)
- Leucobryum heterodictyon*** Besch. MDG(40,2322).
Leucobryum heterodictyon* var. *microphyllum (Cardot) Wijk & Margad. MDG(40).
Leucobryum hildebrandtii Müll.Hal. ex Renauld = *Leucobryum boryanum* [2324: 101]
- Leucobryum homalophyllum*** Broth. SAO(47).
Leucobryum homomallum Broth. ex Müll.Hal., *nom. nud.* Excluded: an undescribed taxon from São Tomé.
- Leucobryum incurvifolium*** Müll.Hal. ANG(2169), MLW(67), TAN(46).
Leucobryum incurvifolium Müll.Hal. Note: this taxon was recorded for both America and Africa, but Bartram (687) made it a synonym of the widespread *Leucobryum albidum*, known only from America and Galapagos. As he appeared to be unaware of the use of this name in Africa, the name is retained for African collections, pending a revision.
- Leucobryum iridans* (Brid.) E.Britton, *nom. illeg. incl. spec. prior.* = *Leucobryum javense* [1521]
Leucobryum irregulare Besch. ex Cardot, *nom. nud.* = *Leucobryum perrotii* [2324: 103]
- Leucobryum isleanum*** Besch. COM(40), ETH(111), MAU(105), MDG(40), REU(105).
Leucobryum isleanum* var. *molle (Müll.Hal.) Cardot COM(40), ETH(1927), KEN(2415,5315,7065), MAU(105), MDG(40), TAN(46), ZAM(46).
Leucobryum islei Kindb., *nom. illeg.* = *Leucobryum isleanum* (1521)
- Leucobryum javense*** (Brid.) Mitt. REU(105).
Leucobryum juniperoideum (Brid.) Müll.Hal. MAU(105), REU(105).
Leucobryum laeve Mitt. ex C.J.Wright, *nom. nud.* Excluded: the type of this taxon is a mixture of *Leucobryum boryanum* and *Leucobryum perrotii*. [2324: 102]
- Leucobryum letestui*** P.de la Varde GAB(47), RIM(4639).
Leucobryum leucophanoides Müll.Hal. SAO(47).
Leucobryum macleani Rehmann ex Kindb., *nom. nud.* = *Leucobryum gueinzii* [1911: 183] (= *Leucobryum acutifolium*)
Leucobryum macleanum Rehmann ex Paris, *nom. nud.* = *Leucobryum gueinzii* [1911: 183] (= *Leucobryum acutifolium*)
- Leucobryum madagassum*** Besch. ANG(46), BUR(65), KEN(46), MDG(40), MLW(67), RWA(65), SAF(1531,8328), SWZ(1531), TAN(46), ZAM(62), ZIM(61).
Leucobryum madagassum Müll.Hal. ex Geh., *nom. illeg.* = *Leucobryum boryanum* [2324: 101]
Leucobryum mauritanum Müll.Hal. in Geh., *nom. nud.* Excluded: an undescribed collection (*Robillard s.n.*) from Mauritius [1563: 59].
Leucobryum mauritii Müll.Hal. ex Kindb., *nom. nud.* Excluded: no specimen or description provided.
- Leucobryum mayottense*** Cardot COM(40), KEN(46), MAU(105), MDG(40), REU(105), TAN(46).
Leucobryum molle Müll.Hal. ex Renauld = *Leucobryum isleanum* var. *molle* (1521)
- Leucobryum molliculum*** Broth. CMN(47), ETH(111), MOZ(46), TAN(46), UGA(46).
Leucobryum parvulum Cardot MDG(40,6908).
Leucobryum perfalcatum Sim = *Leucobryum rehmannii* (53: 23)
- Leucobryum perrotii*** Renauld & Cardot MAU(105), MDG(40,6908), TAN(46).
Leucobryum pseudomadagassum Cardot MDG(40).
Leucobryum rehmannii Müll.Hal. SAF(1531,7766,8328).
Leucobryum reticulatum Müll.Hal. ex Cardot, *nom. nud.* = *Leucobryum isleanum* var. *molle* [2324: 105]
Leucobryum rutenbergianum Besch. ex Paris = *Leucobryum boryanum* [2324: 101]
Leucobryum rutenbergii Besch. ex Renauld, *nom. illeg.* = *Leucobryum boryanum* [2324: 101]
- Leucobryum sanctae-mariae*** Cardot MDG(40,6908).
Leucobryum selaginelloides Broth. ex Renauld, *nom. inval.* = *Leucobryum madagassum* [1848: 108]
Leucobryum selaginoides Müll.Hal. ex Broth. = *Leucobryum madagassum* [2328: 107]
- Leucobryum sphagnoides*** (Welw. & Duby) Cardot ANG(46).
Leucobryum subcrispulum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Sikora 14313*) from Madagascar.
Leucodon abyssinicus Brizi = *Leucodon dracaenae* [1503: 216]
Leucodon arbuscula Welw. & Duby = *Braunia arbuscula* (1521)
Leucodon assimilis (Müll.Hal.) A.Jaeger = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)
Leucodon assimilis var. *gracilis* Müll.Hal. ex Paris, *nom. nud.* = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)
Leucodon assimilis var. *humilis* Sim = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)
Leucodon bartramioides Hook. = *Leiomela bartramioides* [1521]
Leucodon beccarii Müll.Hal., *nom. illeg. incl. spec. prior.* = *Leucodon dracaenae* [1521]
Leucodon bescherellei Broth. & Geh. in Geh., *nom. nud.* Excluded: an undescribed collection (*Dumont d'Urville s.n.*) with sporophytes, from Ascension Island [1296: 49].
Leucodon cameruniae Broth = *Leucodontopsis cameruniae* [1521] (= *Henicodium geniculatum*)

Leucodon canariensis (Brid.) Schwägr. MDG(40).*Leucodon capensis* Schimp. = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)***Leucodon dracaenae*** Solms. ex Venturi DJI(1569), ERI(50), ETH(50,3076), KEN(46,136), SUD(3076), TAN(46).*Leucodon dracaenae* var. *schweinfurthii* (Müll.Hal.) M.Fleisch. = *Leucodon dracaenae*. Note: var. *schweinfurthii* is a robust form of *Leucodon dracaenae*, and although not formally a synonym, has been treated as such.***Leucodon laxifolius*** Müll.Hal. & M.Fleisch. ERI(50), ETH(50), KEN(46), TAN(46).*Leucodon madagascariensis* Brid. = *Meiothecium madagascariense* (1521)*Leucodon maritimus* (Hook.) Wijk & Margad. = *Catagonium nitens* ssp. *maritimum* [2857: 9]*Leucodon maritimus* sensu auct. afr. = *Felipponea assimilis* [5698] (= *Pterogoniadelphus assimilis*)*Leucodon penzigii* Müll.Hal., nom. nud. in synonym. = *Leucodon dracaenae* [1503: 216]***Leucodon rutenbergii*** Müll.Hal. ex Geh. MDG(40), TAN(46).*Leucodon schweinfurthii* forma *gracilior* Broth. ex Micheletti, nom. nud. Note: an undescribed collection [50: 235], treated here as *Leucodon dracaenae*.*Leucodon schweinfurthii* Müll.Hal. = *Leucodon dracaenae* var. *schweinfurthii* [1503: 216] (= *Leucodon dracaenae*)***Leucodon sciuroides*** var. ***morensis*** (Limpr.) De Not. CVI(2666).***Leucodon sciuroides*** var. ***sciuroides*** (Hedw.) Schwägr. KEN(46), TAN(46).*Leucodon sekistos* Welw. & Duby = *Braunia secunda* [5414 10]*Leucodon sericeus* (A.Jaeger) Hornsch. ex Paris = *Palamocladium sericeum* [1521] (= *Palamocladium leskeoides*)*Leucodon sericeus* var. *afrostriatus* (Müll.Hal.) Paris = *Palamocladium sericeum* var. *afrostriatum* [1521] (= *Palamocladium leskeoides*)*Leucodon subsericeus* Müll.Hal. ex Besch., nom. nud. = *Homalothecium nilgheriense* [1911: 521; 40: 237] (= *Palamocladium leskeoides*).*Leucodon tenax* Müll.Hal. ex M.Fleisch., nom. nud. in synonym. = *Leucodontopsis cameruniae* [1503: 216] (= *Henicodium geniculatum*)*Leucodontopsis cameruniae* (Broth.) Broth. = *Leucodontopsis geniculata* (28) (= *Henicodium geniculatum*)*Leucodontopsis geniculata* (Mitt.) H.A.Crum & Steere = *Henicodium geniculatum* (1339)*Leucodontopsis niarniamiae* (Müll.Hal.) Broth. = *Henicodium niarniamiae* [1521] (= *Henicodium geniculatum*)*Leucoloma acutum* Mitt. ex Müll.Hal. = *Leucoloma seychellense* (7101: 570)***Leucoloma albocinctum*** Renault & Cardot MDG(40), MLW(67).*Leucoloma albocinctum* var. *sublimbatum* Renault in Levier, nom. nud. Excluded: an undescribed collection (*Forsyth Major, s.n.*) from Ambohimombo, Madagascar.***Leucoloma allorgei*** Thér. MDG(40).***Leucoloma amblyacron*** Besch. MAU(105).***Leucoloma ambreanum*** Renault & Cardot MDG(40).*Leucoloma angustifolium* Brid., nom. illeg. = *Leucoloma bifidum* (7101: 532)*Leucoloma arbuscula* Müll.Hal. = *Leucoloma rutenbergii* var. *elatum* (7103: 614)*Leucoloma aspericuspis* P.de la Varde = *Leucoloma subsecundifolium* (7103: 617)***Leucoloma bifidum*** (Brid.) Brid. KEN(46), MAS(40), MAU(7101), MDG(40), REU(7101), TAN(46).*Leucoloma bifidum* var. *orthothecioides* Besch. = *Leucoloma seychellense* (7101: 569)*Leucoloma bifidum* var. *tanganyikae* P.de la Varde & Thér. = *Leucoloma zuluense* var. *zuluense* (7101: 552)*Leucoloma billardierei* (Brid.) Broth. = *Dicranoloma billardierei* [1521]*Leucoloma boivinianum* var. *angasizae* Renault = *Leucoloma subsecundifolium* (7103: 617)***Leucoloma boivinianum*** var. ***boivinianum*** Besch. COM(40), MDG(40), REU(105).***Leucoloma boivinianum*** var. ***brevifolium*** Renault MDG(40).*Leucoloma boivinii* Renault, nom. illeg. incl. spec. prior. = *Leucoloma boivinianum* [1521]*Leucoloma boivinii* var. *angasizae* Renault = *Leucoloma boivinianum* var. *angasizae* [1521] (= *Leucoloma subsecundifolium*)*Leucoloma borchgrevinkii* Müll.Hal., nom. nud. Excluded: an undescribed collection from Madagascar.*Leucoloma brevifolium* Müll.Hal., nom. nud. Excluded: an undescribed collection from Madagascar.***Leucoloma brevioperculatum*** Dixon MDG(40).***Leucoloma brotheri*** Renault MDG(40), TAN(46).***Leucoloma caespitulans*** (Müll.Hal.) A.Jaeger COM(40).*Leucoloma caespitulans* (Müll.Hal.) A.Jaeger = *Leucoloma caespitulans* [1521]*Leucoloma cameruniae* Paris, nom. nud. Excluded: an undescribed collection (*Dusén 46*) from Cameroon. Also reported from Bioko [2662].***Leucoloma candidulum*** Besch. MAU(105), REU(105).***Leucoloma candidum*** Broth. MDG(40).***Leucoloma capillifolium*** Renault MDG(40).*Leucoloma charrieri* Thér. & P.de la Varde = *Leucoloma oncophorellum* (7103: 613)

- Leucoloma chlorophyllum*** Broth. TAN(46).
- Leucoloma chrysobasilare*** var. *africana* La Farge SAF(7101), TAN(7101).
- Leucoloma chrysobasilare*** var. *chrysobasilare* (Müll.Hal.) A.Jaeger COM(40,7101), MDG(40), SAF(1531,8328), TAN(46), ZIM(46,61).
Leucoloma chrysobasilare var. *gracilicaulon* (Müll.Hal.) A.Jaeger = *Leucoloma procerum* (7101: 546)
Leucoloma chrysobasilare var. *procerum* (Renauld) Broth. = *Leucoloma procerum* (7101: 546)
- Leucoloma cinclidotioides*** Besch. MAU(105,298), REU(105,7101).
- Leucoloma circinale*** La Farge TAN(7102).
- Leucoloma cirrosulum*** Renauld MDG(40).
Leucoloma commutatum Broth., *nom. nud.* = *Dicranoloma billardierei* [5556: 357]
Leucoloma comorae Renauld = *Leucoloma chrysobasilare* var. *chrysobasilare* (7101: 527)
Leucoloma convolutaceum Renauld = *Leucoloma delicatulum* (7103: 609)
Leucoloma crepinii Renauld & Cardot = *Leucoloma seychellense* (7101: 569)
Leucoloma crepinii var. *orthothecioides* (Besch.) Renauld = *Leucoloma seychellense* (7101: 570)
- Leucoloma crosbyi*** LaFarge-England MDG(1617,7101).
- Leucoloma cuneifolium*** (Hampe ex Müll.Hal. & Geh.) C.H.Wright MDG(40,7102), TAN(46).
- Leucoloma decaryi*** Thér. MDG(40).
- Leucoloma decaryi*** var. *comorense* Thér. COM(40).
Leucoloma decolor C.H.Wright = *Leucoloma rutenbergii* var. *elatum* (7103: 614)
- Leucoloma delicatulum*** Renauld MDG(40), SEY(1926,2353).
Leucoloma delicatulum var. *laxobasis* Renauld & Cardot = *Leucoloma delicatulum* (7103: 609)
Leucoloma dichelymaceum Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
- Leucoloma dichelymoides*** (Müll.Hal.) A.Jaeger COM(40,7101), MAU(105,7101), MDG(40,7101), SEY(1941,2353).
Leucoloma dichotomum (P.Beauv.) Renauld = *Dicranoloma billardierei* [5556: 162]
Leucoloma drepanocladium (Müll.Hal.) Kindb. = *Dicranoloma billardierei* var. *drepanocladium* [1521]
Leucoloma dubyanum Besch. = *Leucoloma fuscifolium* (7103: 610)
Leucoloma dubyi Kindb., *nom. illeg. incl. spec. prior.* = *Leucoloma dubyanum* [1521]
Leucoloma ecklonianum Lorentz ex Müll.Hal., *nom. illeg.* = *Leucoloma zeyheri* (7103: 618)
Leucoloma ecklonii (Lorentz) A.Jaeger = *Leucoloma zeyheri* (7103: 618)
Leucoloma eggersii Müll.Hal. ex Kindb., *nom. nud.* Excluded: no description or specimen available.
- Leucoloma entabiense*** (Magill) La Farge SAF(7103).
Leucoloma entabiense La Farge, *nom. inval.* Excluded: see *Leucoloma entabiense*.
- Leucoloma fontinaloides*** Dixon MDG(40,7101).
Leucoloma forsythii Thér. = *Leucoloma lepervancheri* (7101: 541)
- Leucoloma fuscifolium*** Besch. MAU(105), MDG(40), REU(105).
- Leucoloma fuscifolium*** var. *crispatum* Renauld MDG(40), REU(105).
- Leucoloma garnieri*** fo. *aquaticum* Thér. MDG(40,7103).
Leucoloma garnieri fo. *aquaticum* Thér. Note: although previously excluded from the accepted taxa, La Farge (2002c) states that this is a species distinct from *Leucoloma garnieri*, and it will be dealt with in a future publication.
- Leucoloma garnieri*** Paris & Renauld MDG(40).
Leucoloma gracicaule Renauld in Grandid., *nom. nud.* = *Leucoloma chrysobasilare* var. *gracilicaulon* [1848: 75] (= *Leucoloma procerum*)
- Leucoloma gracilescens*** Broth. BIO(2662,7101), RWA(7101), SAO(47,7101), TAN(7101), ZAI(7101).
- Leucoloma grandidieri*** Renauld & Cardot MDG(40,7101).
- Leucoloma grimmoides*** P.de la Varde MAU(3346,7102), MDG(40,7102), TAN(46).
Leucoloma guehoi Tixier = *Leucoloma grimmoides* (7103: 610)
- Leucoloma guineense*** Broth. & Paris GUI(47).
Leucoloma haakonii Broth. & Bryhn = *Leucoloma syrrhopodontoides* (7103: 617)
Leucoloma hildebrandtii Müll.Hal., *nom. nud.* Excluded: no description or specimen available.
Leucoloma holomitrioides Müll.Hal. = *Leucoloma dichelymoides* (7101: 575)
- Leucoloma holstii*** Broth. MLW(67,7101), RWA(65,7101), TAN(46,7101).
Leucoloma horridum Broth. ex Paris, *nom. inval.* = *Leucophanes horridulum* [1521] (= *Leucophanes molleri*)
- Leucoloma humbertii*** P.de la Varde MDG(40).
- Leucoloma incrassatum*** Thér. MDG(40).
- Leucoloma isleanum*** Besch. ex Paris COM(40), MAU(105),

- SEY(1848,1926,1946,1947,2195,2323,2326,2328,2353).
Leucoloma isleanum var. *molle* Cardot ex Thér., *nom. nud.* Excluded: this variety is undescribed and best regarded as a synonym of *Leucoloma isleanum*.
- Leucoloma isleanum* var. *subtortile* Renault COM(40).**
Leucoloma juniperoideum (Brid.) Müll.Hal. Note: error in Index Muscorum (= *Leucobryum juniperoideum*)
- Leucoloma latifolium* Broth. & P.de la Varde GAB(47).**
- Leucoloma lepervancheri* Besch. MAU(7101), MDG(40,7101), REU(105,7101), RWA(7101), ZAI(7101).**
Leucoloma leptocladum Renault = *Leucoloma lepervancheri* (7101: 541)
Leucoloma levieri Renault = *Leucoloma tuberosum* (7101: 586)
- Leucoloma longifolium* (Brid.) Wijk & Margad. MAU(105), MDG(40,7103), REU(105,7103), SEY(1941,2353).**
Leucoloma longifolium Besch. ex Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Réunion.
- Leucoloma madagascariense* La Farge MDG(7101).**
- Leucoloma mafatense* Renault REU(105,7101).**
- Leucoloma marojeziense* La Farge MDG(7102).**
- Leucoloma membranaceum* La Farge MDG(7101), REU(7101).**
Leucoloma meteoroides P.de la Varde = *Leucoloma fontinaloides* (7101: 577)
Leucoloma nitidulum (Müll.Hal.) Paris = *Dicranoloma billardierei* [1911: 162]
- Leucoloma normandii* Paris & Broth. ex Renault GUI(47), NGA(47,5148,5176), SIE(47).**
- Leucoloma normandii* var. *alpinum* Paris & Broth. GUI(47).**
- Leucoloma ochrobasilare* ssp. *longifolium* (Thér.) La Farge MDG(40,7101).**
- Leucoloma ochrobasilare* ssp. *ochrobasilare* Renault MAS(40), MDG(40,7101).**
Leucoloma ochrobasilare ssp. *ochrobasilare* Renault. Note: the type of this taxon is a mixture with *Leucoloma subchrysobasilare* (7101: 550) so previous distribution data has been fully revised following La Farge (7101).
- Leucoloma oncophorellum* Müll.Hal. MDG(40).**
- Leucoloma onraedtii* (Bizot) La Farge REU(105,109,7103).**
Leucoloma pallescens Wilson ex A.Jaeger, *nom. nud.* = *Leucoloma zeyheri* [4250: 761]
- Leucoloma pallidulum* Thér. MAU(105).**
Leucoloma pennequinii Paris, *nom. nud.* Excluded: an error in Crosby *et al.* [40: 201] for *Trichostomum pennequinii*.
- Leucoloma perrieri* Thér. MDG(40).**
- Leucoloma persecundum* Besch. MAU(105), MDG(40).**
- Leucoloma persecundum* var. *perrotii* Renault MDG(40).**
- Leucoloma pobeguinii* Paris & Broth. GUI(47).**
Leucoloma prionodon Besch. = *Rutenbergia prionodon* [1521]
- Leucoloma procerum* Renault COM(40,7101), MOZ(46), TAN(46), ZIM(46).**
Leucoloma procerum var. *abbreviatum* (Renault) Paris = *Leucoloma rutenbergii* var. *abbreviatum* (7103: 614)
Leucoloma procerum var. *elatum* (Renault) Paris = *Leucoloma rutenbergii* var. *elatum* (7103: 614)
Leucoloma procerum var. *perrotii* (Renault) Paris = *Leucoloma rutenbergii* var. *perrotii* (7103: 615)
- Leucoloma pumilum* C.H.Wright MDG(40).**
- Leucoloma pusillum* Cardot MDG(40).**
Leucoloma pycnoloma Paris, *nom. nud.* = *Dicranoloma billardierei* var. *scopareolum* [1848: 71]
- Leucoloma pygmaeum* Paris GUI(47).**
Leucoloma rectum Sande Lac. ex C.H.Wright, *nom. nud.* = *Leucoloma sinuosum* [4097: 18] (= *Leucoloma longifolium*)
Leucoloma rehmannii (Müll.Hal.) Rehm ex Paris = *Leucoloma scabricuspis* (7103: 615)
Leucoloma robustum (Hook.f. & Wilson) Broth. = *Dicranoloma robusta* [1521]
Leucoloma rodriguezii Müll.Hal. ex Renault, *nom. nud.* = *Dicranoloma billardierei* (1911: 162)
- Leucoloma rutenbergii* (Geh.) C.H.Wright MDG(40).**
- Leucoloma rutenbergii* var. *abbreviatum* Renault MDG(40).**
- Leucoloma rutenbergii* var. *elatum* Renault MDG(40), REU(298), TAN(46).**
- Leucoloma rutenbergii* var. *perrotii* Renault MDG(40).**
- Leucoloma rutenbergii* var. *porosis* Thér. MAU(105).**
- Leucoloma sanctae-mariae* Besch. MDG(40,7101).**
Leucoloma sanctae-mariae var. *leptolimbatum* Renault = *Leucoloma thraustum* (7101: 559)
Leucoloma sanctae-mariae var. *subelimbatum* Renault, *nom. nud.* = *Leucoloma sanctae-mariae* var. *leptolimbatum* (40) (= *Leucoloma thraustum*)
- Leucoloma scabricuspis* Broth. MLW(67), RWA(2675), SAF(1531,7766,8328),**

- SWZ(7972), TAN(7103), ZAM(46), ZIM(46,61).
- Leucoloma schelpi*** P.de la Varde MOZ(46,7101), ZIM(7101).
Leucoloma scopareolum (Müll.Hal.) Renauld = *Dicanoloma billardierei* var. *scopareolum* [1510]
Leucoloma secundifolium Besch., *hom. illeg.* (non Mitt.) = *Leucoloma isleanum* [4250: 760; 7103: 611]
- Leucoloma secundifolium*** Mitt. CMN(47), SAO(47).
- Leucoloma sericeum*** P.de la Varde SIE(47).
- Leucoloma serraticuspis*** P.de la Varde MOZ(46).
Leucoloma setaceum Schimp. ex Müll.Hal., *nom. nud. in synon.* = *Leucoloma longifolium* [2584: 355]
- Leucoloma seychellense*** Besch. MAU(105,7101), MDG(40,7101), REU(105,7101), SEY(1848,1926,1945,1946,1947,1950,2328,2353,7101).
Leucoloma sigmatelloides Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
Leucoloma silvaticum Renauld = *Leucoloma thraustum* (7101: 559)
- Leucoloma sinuosulum*** Müll.Hal. ex Besch. COM(40), MAU(105), MDG(40), REU(105), SEY(2353), TAN(46).
Leucoloma sinuosum (Brid.) A.Jaeger = *Leucoloma longifolium* [2584: 354; 7103: 612]
Leucoloma sinuosum var. *cirrhosum* Thér. = *Leucoloma rutenbergii* var. *elatum* (7103: 614)
Leucoloma sinuosum var. *setifolium* Besch. = *Leucoloma longifolium* (7103: 612)
- Leucoloma sprengelianum*** (Müll.Hal.) A.Jaeger SAF(1531,8328), SWZ(7972), TAN(46,2322).
- Leucoloma squarrosulum*** (Geh.) Wright MDG(40).
Leucoloma squarrosulum var. *subbiplicatum* (Renauld & Cardot) Broth. = *Leucoloma lepervancheri* (7101: 541). Note: this taxon was mis-spelled as 'var. subplicatum' in previous versions of this list.
Leucoloma subbifidum Renauld = *Leucoloma lepervancheri* (7101: 541)
Leucoloma subbiplicatum Renauld & Cardot = *Leucoloma lepervancheri* (7101: 541)
- Leucoloma subcespitulans*** Besch. REU(105).
- Leucoloma subchrysobasilare*** Renauld MDG(40,7101).
- Leucoloma subsecundifolium*** Broth. COM(40), KEN(46,7065), MLW(67), TAN(46).
Leucoloma subtuberculosum Renauld = *Leucoloma ochrobasilare* ssp. *ochrobasilare* (7101: 581)
Leucoloma subtuberculosum var. *longifolium* P.de la Varde = *Leucoloma ochrobasilare* ssp. *longifolium* (7101: 585)
- Leucoloma syrrhopodontoides*** Broth. SAF(1531,7103,8328), ZIM(61).
- Leucoloma talazaccii*** Renauld & Cardot MDG(40,7101).
Leucoloma talazaccii var. *fragilifolium* Thér. & P.de la Varde = *Leucoloma talazaccii* (7101: 572)
- Leucoloma tanganyikae*** P.de la Varde TAN(46).
Leucoloma terricola Broth. = *Leucoloma subsecundifolium* (7103: 617)
- Leucoloma thraustum*** Hampe ex Besch. MDG(40,7101).
- Leucoloma thuretii*** Besch. MDG(40,7101).
Leucoloma tortuosulum Müll.Hal., *nom. illeg. incl. spec. prior.* = *Leucoloma isleanum* [1521; 7103: 611]
Leucoloma trachynotus Müll.Hal. = *Leucoloma seychellense* (7101: 570)
Leucoloma traustum C.H.Wright, *orthogr.* = *Leucoloma thraustum* [1521]
- Leucoloma tuberculosum*** Renauld MDG(40,7101).
- Leucoloma villaumei*** Thér. MDG(40).
Leucoloma viridissimum Paris, *nom. nud.* Excluded: an undescribed specimen from Madagascar (*Sikora 14315*).
Leucoloma volkensis Broth. = *Leucoloma subsecundifolium* (7103: 617)
Leucoloma volkensis Broth. ex Paris, *err. pro* = *Leucoloma volkensis* [1521]
Leucoloma woodii Rehmann & MacOwan = *Leucoloma zuluense* var. *zuluense* (7101: 552)
Leucoloma zanzibarensis Broth. = *Leucoloma sprengelianum* (7103: 616)
- Leucoloma zeyheri*** (Müll.Hal.) Kindb. SAF(7103,8328).
Leucoloma zeyheri var. *compactum*, Müll.Hal. ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed collection (Rehmann 28) from Table Mountain, South Africa.
Leucoloma zeyherianum A.Jaeger, *nom. illeg. incl. spec. prior.* = *Leucoloma zeyheri* [1521]
- Leucoloma zuluense*** var. *ovatum* La Farge COM(7101), TAN(7101).
- Leucoloma zuluense*** var. *zuluense* Broth. & Bryhn KEN(7101), SAF(7101,8328), TAN(46,7101), ZIM(7101).
Leucomium aneurodictyon (Müll.Hal.) A.Jaeger = *Leucomium strumosum* (92)
Leucomium codonopyxis (Müll.Hal.) Kindb. = *Vesicularis codonopyxis* [1521]
Leucomium commixtum (Müll.Hal.) Kindb. = *Leucomium strumosum* (92)
Leucomium debile (Sull.) Mitt. = *Leucomium aneurodictyon* [2737: 1107]
Leucomium golungense A.Gepp in Hiern. = *Leucomium strumosum* (1878)
Leucomium hapalyptherum (Müll.Hal.) Kindb. = *Vesicularia hapalypthera* [1521]
Leucomium le-testui Broth. & P.de la Varde = *Leucomium strumosum* (1878)

- Leucomium mahorens* Besch. = *Leucomium aneurodictyon* (40) (= *Leucomium strumosum*)
Leucomium perglaucum Müll.Hal. ex Broth. = *Leucomium strumosum* (92)
Leucomium strephomischos (Welw. & Duby) A.Jaeger = *Vesicularia strephomischos* (1521)
- Leucomium strumosum*** (Hornsch.) Mitt. ANG(46,92), BIO(47,92,2662), CAF(47,92,6209), CMN(47,92,1925,6209), COM(40,92,6209), CON(47,92), GAB(47,92), GHA(47,92), GUI(92), IVO(92,1880), LBR(47,92), MDG(40,92,6908), NGA(92), REU(5440), RIM(4639), RWA(2675), SAO(47), SEY(92,1926,1950,2353), TAN(46,92), TOG(1878), UGA(92), ZAI(65,92,2675,5319).
- Leucoperichaetium eremophilum*** Magill NAM(1531,7155,8024).
Leucophanella revoluta (Dozy & Molk.) M.Fleisch. = *Syrrophodon revolutus* (1521) (= *Syrrophodon involutus*).
- Leucophanes angustifolium*** Renauld & Cardot in Renauld BIO(8180), CMN(47,1896), COM(1149,1896), GHA(1149,1896), MAU(105), REU(105,1149,1896), SEY(359,1149,1896,1926,2033,2353,4932), TAN(46,1896), ZAI(65,5319).
Leucophanes annobonense Broth. in Mildbr., *nom. nud.* = *Leucophanes unguiculatum* (4930)
Leucophanes calymeraceum Müll.Hal. ex Dusén = *Leucophanes molleri* (1896)
Leucophanes cameruniae Müll.Hal. ex Dusén = *Leucophanes molleri* (1149)
Leucophanes denticuspis Müll.Hal. ex Dusén = *Leucophanes angustifolium* (1149)
- Leucophanes glaucum*** (Schwägr.) Mitt. SEY(1896,2353), SOC(2738).
Leucophanes heterodictyon Onr. = *Leucophanes renauldii* (1896)
Leucophanes hildebrandtii fo. *rigidum* Besch. Excluded: any records for this form have been associated with the owning species.
- Leucophanes hildebrandtii*** Müll.Hal. COM(40,1896), MAU(105,1896), MDG(40,1896), REU(105), TAN(46,1896).
Leucophanes horridulum Broth. = *Leucophanes molleri* [1896]
Leucophanes lecomptei Besch. = *Leucophanes molleri* (1149)
Leucophanes mayottense Cardot = *Leucophanes angustifolium* (1149)
- Leucophanes molleri*** Müll.Hal. BIO(2662), CAF(47), CMN(47,1896), CON(47,1896), GAB(47), GHA(1149,1896), GUI(47), IVO(47,1880,1896), LBR(47,1896), MAU(1896), RIM(4639), SAO(47,1896), SIE(3216), TAN(46,1896), UGA(46,1896,7353), ZAI(65,1896,5319).
Leucophanes obtusatum Müll.Hal. ex Dusén = *Leucophanes molleri* (1896)
- Leucophanes octoblepharioides*** Brid. CAF(47), GAB(47), MAU(1896), SEY(1896,2353).
- Leucophanes renauldii*** Cardot COM(1896), MAU(105,1896), MDG(40,1896,6908), TAN(46).
- Leucophanes rodriguezii*** Müll.Hal. COM(40), MAU(1896), MDG(1896), REU(1896), TAN(46).
Leucophanes scabridens P.de la Varde = *Leucophanes octoblepharioides* (1896)
- Leucophanes seychellarum*** Besch.
 SEY(359,1848,1896,1926,1945,1946,1947,2033,2324,2328,2353), TAN(46).
Leucophanes sphagnoides Welw. & Duby = *Leucobryum sphagnoides* (1521)
- Leucophanes unguiculatum*** Mitt. ANN(47), NGA(1896), PRI(47,1896).
Levierella abyssinica Broth., *nom. nud.* = *Levierella fabroniacea* var. *abyssinica* [1521] (= *Levierella neckeroides*)
Levierella fabroniacea Müll.Hal. = *Levierella neckeroides* [7580: 98]
Levierella fabroniacea var. *abyssinica* Dixon = *Levierella neckeroides* [7580: 98]
Levierella fabroniacea var. *dilatatinerve* Cardot ex Dixon = *Levierella neckeroides* [7580: 98]
- Levierella neckeroides*** (Griff.) O'Shea & Matcham ERI(50), ETH(50,111,3260), GUI(47), KEN(46,3260), NGA(5160,5176), SAF(1531,4897,8328), SWZ(1531), TAN(46), UGA(46,3260), ZAI(65,5319), ZAM(46).
Levierella perserrata P.de la Varde & V.Leroy = *Levierella neckeroides* [7580: 98]
Levierella subfabroniacea Broth. & Paris = *Levierella neckeroides* [7580: 98]
Limnobiella octodiceroides Müll.Hal., *comb. inval.* = *Taxithelium octodiceroides* [1521] (= *Taxiphyllum schweinfurthii*)
Limnobyum palustre (Hedw.) Rabenh. = *Aulacomnium palustre* [1521]
- Limprichtia revolvens*** (Sw.) Loeske LES(4897).
Lindbergia abbreviata Broth., *nom. nud.* Excluded: an undescribed collection (*Schimper s.n.*) from Ethiopia [50: 238].
Lindbergia erythraea M.Fleisch., *nom. nud.* Excluded: an undescribed collection from Eritrea [50: 238].
- Lindbergia haplocladioides*** Dixon KEN(46), SAF(1531,7766,8328), ZIM(61).
- Lindbergia patentifolia*** Dixon DJI(1569), KEN(46,2661,3412,6614,7065), LES(7975), SAF(1531,3411,7766,8328), SWZ(1531), TAN(46), UGA(46), ZAI(65), ZIM(46,61).

- Lindbergia patentifolia* fo. *perrobusta* P.de la Varde. Excluded: any records for this form have been associated with the owning species.
- Lindbergia pseudoleskeoides*** Dixon LES(1531,4897), MOZ(46), SAF(1531,8328), ZIM(46).
Lindbergia taxifolia Dixon. Excluded: this taxon does not appear in the reference given by *Index Muscorum*, and is being treated as a clerical error. No specimen of this name has been found in Dixon's herbarium.
- Lindbergia viridis*** Dixon SAF(1531,3411,8328), SWZ(1531).
Lindigia africana Broth. = *Aerolindigia capillacea* (4138)
Lindigia cameruniae Müll.Hal., *nom. nud.* Excluded: original specimen destroyed [4138: 333]
Lindigia hildebrandtii Müll.Hal. ex Renauld = *Lindigia africana* (285) (= *Aerolindigia capillacea*)
Lindigia subvaginata Müll.Hal. ex Paris, *nom. nud.* Excluded: see note under *Floribundaria subvaginata*.
- Loeskeobryum brevirostre*** (Brid.) M.Fleisch. ex Broth. REU(105).
*Loiseaubryum ephemeroide*s Bizot = *Loiseaubryum nutans* (581)
- Loiseaubryum nutans*** (Wilson ex Mitt.) Fife CHA(4), NGA(1883), SUD(1707).
Lophiodon - see *Ditrichum*
Lopidium campenonii (Renauld & Cardot) M.Fleisch. = *Lopidium struthiopteris* (6705: 267)
Lopidium hemiloma (Müll.Hal.) M.Fleisch. = *Lopidium struthiopteris* (6705: 267)
Lopidium penniforme (Brid.) M.Fleisch. ('*pennaeforme*') = *Lopidium struthiopteris* (6705: 265)
- Lopidium struthiopteris*** (Brid.) M.Fleisch. COM(40,6705), KEN(46,7065), MAU(2220,3410,6705), MDG(40,2220,6705), MLW(2220,6705), REU(105,2220,3410,6705), SAF(1531,2220,6705,7766,8328), SAO(47,2220,6705), TAN(46,2220,6705), UGA(4282), ZAI(65,2220,6705), ZIM(61,2220,6705).
Lopidium struthiopteris var. *campenonii* (Renauld & Cardot) M.Fleisch. = *Lopidium struthiopteris* (6705: 267)
Lopidium subtrichocladon (Broth.) M.Fleisch. = *Lopidium struthiopteris* (6705: 267)
- Luisierella barbula*** (Schwägr.) Steere ALD(2353), ROD(4931).
- Macrocoma abyssinica*** (Müll.Hal.) Vitt CMN(47), ERI(50), ETH(50,111,1927), KEN(46,3412,5315,6615,7065), MLW(67,6087), RWA(65), SOC(40,1626,2374,5613), TAN(46), UGA(4282), ZAI(65).
Macrocoma elegans Hornsch. ex Müll.Hal., *nom. nud. in synonym.* = *Macromitrium lycopodioides* [1521] (= *Macrocoma lycopodioides*)
- Macrocoma lycopodioides*** (Schwägr.) Vitt REU(105,8028), SAF(1531,3411,7766,8328), SWZ(1531).
Macrocoma lycopodioides (Schwägr.) Vitt. Note: Van Rooy (1547), *vide* Vitt, says that this taxon is restricted to southern Africa, and the record for Zimbabwe (61) is erroneous. Similarly I have assumed that Gepp's 1901 collection from Angola is also unreliable.
- Macrocoma pulchella*** (Hornsch.) Vitt SAF(1531,8328).
Macrocoma pulchella (Schwägr.) Vitt. Van Rooy (1547), *vide* Vitt, says that this taxon is restricted to southern Africa, and the record for Zimbabwe (61) is erroneous. Similarly I have assumed that Potier de la Varde's 1947 Kenya record is also unreliable.
- Macrocoma tenuis* ssp. *tenuis*** (Hook. & Grev.) Vitt ANG(46), ETH(1927), KEN(46,3412,5315,6615,7065), LES(1531,4897), MDG(40), MLW(67,6087), MOZ(357), REU(105), RWA(65), SAF(1531,3411,4897,7766,8328), SOC(7529), STH(1296,4202,5331), SWZ(1531), TAN(46), UGA(4282), ZAI(65), ZIM(46,61).
Macrodon aubertii Arnott, *nom. illeg.* = *Leucoloma bifidum* (7101: 532)
Macroglossum pulchellum Thér. & Hilp. = *Hyophila pulchella* [1521] (= *Tisserantiella pulchella*)
- Macrohymenium acidodon*** (Mont.) Dozy & Molk. KEN(46), MAU(3410), MDG(40,1908,3410), REU(105,1908), SEY(595,1908,1926,1946,2195,2328,2353), TAN(46).
Macrohymenium acidodon fo./var. *acutissimum* Besch. Excluded: any records for this form/variety have been associated with the owning species.
Macrohymenium incrassatum (Dixon & Thér.) Kis = *Acroporium incrassatum* [5238: 64]
Macrohymenium megasporum (Duby) Kis = *Acroporium megasporum* [5238: 64]
- Macrohymenium muelleri*** Dozy & Molk. MDG(1908).
- Macrohymenium rufum*** Müll.Hal. MDG(1908).
- Macrohymenium strictum*** Bosch. & Sande Lac. MDG(1908), SEY(1908).
Macromitrium abessinianum var. *angustifolium* Broth., *nom. dub. ex err.* Excluded: this is an undescribed collection (Goetze 1047, from Tanzania) with an invalid name.
Macromitrium abyssinicum Müll.Hal. = *Macrocoma abyssinica* (33)
Macromitrium aciculare Brid., *nom. illeg.* = *Macromitrium pallidum* (40: 219)
- Macromitrium adelphinum*** Cardot MDG(40).
- Macromitrium amaniense*** P.de la Varde TAN(46).

***Macromitrium ancistrophyllum* Cardot MDG(40).**

Macromitrium aneurodictyon Cardot ex P.de la Varde, *nom. inval.* = *Macromitrium anomodictyon* (40: 219)

Macromitrium anii Dixon, *nom. inval. err.* = *Macromitrium mannii* [1521] (= *Macromitrium sulcatum*)

***Macromitrium anomodictyon* Cardot MDG(40).**

Macromitrium appendiculatum (Renauld & Cardot) Paris = *Leiomitrium appendiculatum* [1521] (= *Cardotiella appendiculata*)

***Macromitrium astroideum* Mitt. ROD(105).**

Macromitrium atrum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Sikora 14317*) from Cameroon.

Macromitrium belangeri* Müll.Hal. REU(105).**Macromitrium bequaertii* Thér. & Naveau ZAI(65).**

Macromitrium boivini Müll.Hal., *nom. nud.* = *Macromitrium rufescens* (40: 220)

Macromitrium borbonicum (Besch.) Broth. = *Macromitrium serpens* (1911)

Macromitrium borgenianum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 274*) from Madagascar.

Macromitrium caespitans Müll.Hal. ex Geh., *nom. nud.* = *Macromitrium lycopodioides* [1911: 279] (= *Macrocoma lycopodioides*)

Macromitrium calocalyx* Geh. MDG(40).**Macromitrium calomicron* Broth. MAU(105).**

Macromitrium chlororete Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection from Ethiopia; Cufodontis . describes the species as dubious, confirming earlier views [50: 231].

Macromitrium coarctatum Schimp. ex C.H.Wright, *nom. nud.* = *Macromitrium fasciculare* [1848: 236; 40: 219]

Macromitrium confusum Mitt. = *Macrocoma tenuis* var. *tenuis* (33)

***Macromitrium cucullatum* Müll.Hal. ex Brizi ERI(50).**

Macromitrium cylindricum Schimp. ex C.H.Wright, *nom. illeg.* (1888) = *Ulota fulva* [1848: 229; 40: 222]

Macromitrium dausonifolium Müll.Hal. ex Paris, *nom. inval. err.* = *Macromitrium dawsoniaemitrium* [1521] (= *Macrocoma tenuis*)

Macromitrium dawsanomitrium Müll.Hal. = *Macromitrium dawsoniaemitrium* [1521] (= *Macrocoma tenuis*)

Macromitrium dawsoniaemitrium Müll.Hal. = *Macrocoma tenuis* (1519: 510)

Macromitrium dregei Hornsch. = *Macrocoma tenuis* var. *tenuis* (33)

***Macromitrium dusenii* Müll.Hal. ex Broth. CMN(47), GAB(47), IVO(1880), LBR(47), NGA(47,5148), ZAI(65).**

Macromitrium eckendorffii Thér. & P.de la Varde = *Macromitrium sulcatum* (1878)

***Macromitrium ecrispatum* Dixon TAN(46).**

Macromitrium elegans Duby, *hom. illeg.* = *Macromitrium serpens* [1911: 283]

Macromitrium fasciculare* Mitt. MDG(40), REU(105), TAN(46).**Macromitrium fasciculare* var. *angustifolium* P.de la Varde MDG(40).**

Macromitrium ferrugineum (Hook. & Grev.) Müll.Hal. = *Schlotheimia ferruginea* [1521]

Macromitrium fimbriatum* (P.Beauv.) Schwaegr. MAU(105), MDG(40), REU(105).**Macromitrium fimbriatum* var. *chloromitrium* Besch. MAU(105).*****Macromitrium fragile* G.Negri, *hom. illeg.* UGA(46).*****Macromitrium funicaule* Besch. MAU(105).**

Macromitrium gimalacii Bizot & Onr. = *Macrocoma lycopodioides* [8028]

***Macromitrium hildebrandtii* Müll.Hal. COM(40).**

Macromitrium hyalinum Broth. = *Macrocoma tenuis* var. *tenuis* (33)

Macromitrium insculptum Mitt ex Sim, *nom. nud. in synon.* = *Macromitrium levatum* [5490: 128] (= *Macromitrium sulcatum*)

Macromitrium involutum Mitt. ex Paris, *nom. nud.* Excluded: an undescribed collection (*C.H. Wright, s.n.*) from Madagascar.

Macromitrium laevatum Mitt. ex Broth., *orthogr. pro* = *Macromitrium levatum* [1521] (= *Macromitrium sulcatum*)

***Macromitrium lanceolatum* Broth. MAU(105).**

Macromitrium laxotorquatum Müll.Hal. ex Besch. = *Groutiella laxotorquata* [1521]

***Macromitrium lebomboense* Van Rooy SAF(1438,1531,7766,8328).**

Macromitrium leucoblastum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection from Ankober, Ethiopia [6793: 239; 50: 233].

Macromitrium levatum Mitt. = *Macromitrium sulcatum* (1878)

***Macromitrium liliputanum* Müll.Hal. KEN(46).**

Macromitrium liliputanum Müll.Hal. Note: Vitt (1980) (33) said that this species was probably either *Macrocoma abyssinica* or *Macrocoma tenuis* var. *tenuis*, but he was unable to find any specimen.

Macromitrium limbatulum Broth. & Paris = *Groutiella limbatula* [1521] (= *Groutiella laxotorquata*)

Macromitrium longisetum Schimp. ex C.H.Wright, *nom. nud.* = *Macromitrium soulae* [1848: 245; 40: 220]

Macromitrium lycopodioides Schwägr. = *Macrocoma lycopodioides* (7013)

- Macromitrium macleani* Paris, *nom. nud.* = *Macromitrium levatum* [5490: 128] (= *Macromitrium sulcatum*)
Macromitrium macropelma Müll.Hal. SAF(1531,8328).
Macromitrium mannii A.Jaeger = *Macromitrium levatum* (5490: 128) (= *Macromitrium sulcatum*)
Macromitrium mauritianum Schwägr. AGA(40,1848), MAU(105), MDG(40), REU(105), TAN(46).
Macromitrium mauritianum var. *viride* Broth. MAU(105).
Macromitrium megacarpum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 508*) from Cameroon.
Macromitrium megalosporum Thér. & Naveau KEN(46), ZAI(65).
Macromitrium megapterum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 508*) from Cameroon.
Macromitrium menziesii Mitt., *hom. illeg.* = *Macromitrium levatum* (5490: 128) (= *Macromitrium sulcatum*)
Macromitrium microphyllum Hook. & Grev. = *Macrocoma tenuis* var. *tenuis* (1519: 510)
Macromitrium nanothecium Cardot MDG(40).
Macromitrium nanothecium var. *sublaeve* Thér. MDG(40).
Macromitrium onraedtii Bizot MDG(40,109).
Macromitrium orthostichum Nees ex Schwägr. UGA(4282).
Macromitrium pallidum (P.Beauv.) Wijk & Margad. MAU(105), REU(105), SEY(1941,2353).
Macromitrium perundulatum Broth. = *Macromitrium levatum* (5490: 128) (= *Macromitrium sulcatum*)
Macromitrium pervillei Schimp. ex C.H.Wright, *nom. nud.* = *Ulota fulva* [1848: 229; 40: 222]
Macromitrium pleurosigmoideum Paris & Broth. = *Groutiella pleurosigmoidea* [1521] (= *Groutiella laxotorquata*)
Macromitrium pobeguinii Paris & Broth. = *Groutiella pobeguinii* [1521] (= *Groutiella laxotorquata*)
Macromitrium productinerve Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 662*) from Cameroon.
Macromitrium protractum Broth. = *Macrocoma abyssinica* (33)
Macromitrium proximum Thér. MDG(40).
Macromitrium pulchellum (Hornsch.) Brid. = *Macrocoma pulchella* (7013: 219)
Macromitrium quadrifidum Müll.Hal., *nom. illeg. incl. spec.prior.* = *Schlotheimia angulosa* [1521]
Macromitrium recurvum Mitt., *nom. nud.* Excluded: an undescribed collection from Montagne du Pouce, Mauritius [8833: 406; 105: 83].
Macromitrium rehmannii Paris, *nom. nud.* = *Macromitrium serpens* [4378: 116]
Macromitrium rhizomatosum Müll.Hal. MDG(40).
Macromitrium richardii Schwägr. SAF(1438,1531,8328).
Macromitrium rufescens Besch. COM(40), KEN(46), MDG(40), REU(105), TAN(46).
Macromitrium rugifolium Müll.Hal. ex Broth., *hom. illeg.* = *Macromitrium mannii* [5143: 317] (= *Macromitrium sulcatum*)
Macromitrium rugifolium Müll.Hal., *hom. illeg.* = *Macromitrium schlotheimiaeforme* [6793: 241] (= *Cardotiella secunda*)
Macromitrium sanctae-mariae Renauld & Cardot MDG(40).
Macromitrium sarcotrichum (Müll.Hal.) Paris = *Groutiella sarcotricha* (1521)
Macromitrium schizomitrium Besch. ex M.Fleisch., *nom. nud. in synon.* = *Macromitrium fasciculare* [2737: 430]
Macromitrium schlotheimiaeforme Paris = *Cardotiella secunda* (1519: 525)
Macromitrium sclerodictyon Cardot MDG(40), SEY(1926,2353).
Macromitrium scleropodium Besch. CMN(47), GAB(47), MDG(40), REU(105), RIM(4639), ZAI(65).
Macromitrium secundum (Müll.Hal.) Broth. = *Cardotiella secunda* (1519: 525)
Macromitrium seemannii Mitt. STH(1296,2707,4202,5331).
Macromitrium semidiaphanum Renauld & Cardot = *Schlotheimia semidiaphana* [1521]
Macromitrium semihispidium Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 855*) from Cameroon.
Macromitrium semipapillosum Thér. & P.de la Varde MDG(40).
Macromitrium semipellucidum Renauld & Cardot ex Broth., *nom. inval. err.* = *Schlotheimia semidiaphana* [1521]
Macromitrium seriatum Paris & Broth. GUI(47).
Macromitrium serpens (Bruch ex Hook. & Grev.) Brid. MDG(40), MLW(67), MOZ(46), REU(105), SAF(1531,7766,8328), TAN(46).
Macromitrium serpentinum Mitt. ex J.Shaw, *nom. nud.* = *Macromitrium serpens* [1911: 282]
Macromitrium sobrinum Cardot = *Macromitrium tenuis* var. *tenuis* (33)
Macromitrium soulae Renauld & Cardot MDG(40).
Macromitrium squarrosus (Brid.) Müll.Hal. = *Schlotheimia squarrosa* [1521]

- Macromitrium stuhlmannii* Broth., *nom. nud.* Excluded: an undescribed collection (*Stuhlmann 9173*) from Tanzania.
- Macromitrium subpungens*** Hampe ex Müll.Hal. COM(40), MDG(40), SEY(1926,1946,1947,1950,2353), TAN(46).
- Macromitrium subpungens*** var. *madagassum* Cardot MDG(40).
- Macromitrium subtortum*** (Hook. & Grev.) Schwägr. MDG(40).
- Macromitrium sulcatum*** var. *sulcatum* (Hook.) Brid. BIO(47), CAF(47), CMN(47), COM(1447), ETH(111,1927), GAB(47), GHA(47), IVO(47), KEN(46,6615,7065), MDG(40), MLW(67), MOZ(46), NGA(47,5148,5176), PRI(47), RWA(65), SAF(1531,4897,8328), SAO(47), SIE(47), TAN(46), TOG(1878), UGA(4282), ZAI(65), ZAM(46,62), ZIM(46,61).
- Macromitrium tenue* (Hook. & Grev.) Brid. = *Macrocoma tenuis* (7013: 217)
- Macromitrium tenue* var. *brachypus* Müll.Hal. ex Mitt., *nom. nud. in synonym.* = *Macromitrium lycopodioides* [1911: 279] (= *Macrocoma lycopodioides*)
- Macromitrium tenue* var. *brevirameum* Rehmann ex Paris, *nom. nud.* Excluded: an undescribed collection (*Rehmann 512*) from Transvaal, South Africa.
- Macromitrium tenue* var. *dregei* (Hornsch.) Müll.Hal. = *Macrocoma tenuis* var. *tenuis* (1519: 510)
- Macromitrium tenue* var. *leptocladum* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Rehmann 163*) from Cape Peninsula, South Africa.
- Macromitrium tenue* var. *lycopodioides* (Schwägr.) Müll.Hal. = *Macrocoma lycopodioides* (1519: 509)
- Macromitrium thraustophyllum* Müll.Hal. ex Broth. = *Groutiella thraustophylla* [1521]
- Macromitrium tortifolium* Thér. = *Macromitrium levatum* (1886) (= *Macromitrium sulcatum*)
- Macromitrium tristratosum* Dixon = *Macromitrium serpens* (1447)
- Macromitrium trollii*** Dixon KEN(46).
- Macromitrium turgidum* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 274*) from Cameroon.
- Macromitrium ulota* Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection (*Breutel s.n.*) from Cape Peninsula, South Africa.
- Macromitrium uncinatum* (Brid.) Brid. = *Macromitrium fimbriatum* (40: 219)
- Macromitrium undatifolium* Müll.Hal. = *Macromitrium levatum* (5490: 128) (= *Macromitrium sulcatum*)
- Macromitrium urceolatum*** Müll.Hal. ex Geh. AGA(40,2327), MDG(40), TAN(46).
- Macromitrium urceolatum*** (Hook.) Brid. STH(1296,4202,5331).
- Macromitrium virescens* Müll.Hal. ex Venturi = *Macrocoma abyssinica* (33)
- Macromitrium voeltzkowii*** Broth. MAU(105), REU(105).
- Macromitrium wilhelmi* Paris, *nom. nud.* = *Ulota fulva* [2328: 229]
- Maschalocarpus ecklonii* Spreng. = *Macrocoma tenuis* var. *tenuis* (1519: 510)
- Maschalocarpus flavescens* (Hook.) Spreng. = *Campylodontium flavescens* [1521] (= *Mesonodon flavescens*)
- Maschalocarpus gracilis* (Hedw.) Spreng. = *Pterogonium gracile* [1521]
- Maschalocarpus smithii* (Hedw.) Spreng. = *Leptodon smithii* [1521]
- Meesia bolleana* Müll.Hal. = *Hydrogonium bolleanum* [1521] (= *Barbula bolleana*)
- Meesia kenyae* P.de la Varde = *Ceratodon purpureus* (5604)
- Meiotheciopsis usambarica* (Broth.) W.R.Buck = *Donnellia usambarica* (1982)
- Meiothecium chlorocladum*** (Broth.) Broth. CMN(47), RIM(4639).
- Meiothecium chlorocladum*** var. *intermedium* Thér. ZAI(65).
- Meiothecium congolense*** (Cardot) Dixon ZAI(65).
- Meiothecium crassirete*** (Renauld & Cardot) Cardot MDG(40,2672).
- Meiothecium diversifolium* (Renauld & Cardot) Broth. = *Meiothecium madagascariense* (1631)
- Meiothecium fuscescens*** (A.Jaeger) Broth. SAF(1531,8328).
- Meiothecium guineense*** (Broth. & Paris) W.Schultze-Motel GUI(47).
- Meiothecium madagascariense*** (Brid.) Broth. MAU(3410), MDG(40,3410), REU(3410), ROD(1631,4931).
- Meiothecium pobeginii*** (Broth. & Paris) Broth. GUI(47).
- Meiothecium undulatum*** (Renauld & Cardot) O'Shea MDG(40).
- Meiothecium usambaricum* (Broth.) Broth. = *Meiotheciopsis usambarica* (2743: 138) (= *Donnellia usambarica*)
- Mesonodon flavescens*** (Hook.) W.R.Buck CMN(47), GUI(47), MAU(105), MDG(40), MLW(67), RIM(4639), TAN(46), TOG(1878,2851), ZAI(5925).
- Meteorium africanum* (Müll.Hal.) Mitt. = *Papillaria africana* (1521)
- Meteorium biforme* (Hampe) Besch. = *Squamidium brasiliense* (1519: 578)
- Meteorium calochroum* Broth. ex Paris, *nom. nud.* Excluded: an undescribed collection from Tanzania.
- Meteorium capense* (Müll.Hal.) Schimp. ex Ångstr. = *Aerobryopsis capensis* (7168)
- Meteorium floribundum* (Dozy & Molk.) Dozy & Molk. = *Floribundaria floribunda* (1519: 583)

- Meteorium hispidum* (Müll.Hal.) Mitt. = *Trachypus bicolor* var. *hispidus* [1521]
Meteorium imbricatum (P.Beauv.) Mitt. = *Pilotrichella pentasticha* [4284: 42] (= *Orthostichella pentasticha*)
Meteorium involutifolium Mitt. = *Orthostichidium involutifolium* (2)
Meteorium involutum Mitt. ex C.H.Wright, *nom. nud.* = *Renauldia patentissima* var. *patentissima* [1848: 341; 40: 226]
Meteorium patentissimum (Hampe) Kindb. = *Renauldia patentissima* [1521]
Meteorium pseudocapense (Aongstr.) Melvill = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)
Meteorium rehmannii Müll.Hal. = *Squamidium brasiliense* (1519: 578)
Meteorium serrulatum (P.Beauv.) Mitt. = *Trachypodopsis serrulata* [1521]
Meteorium silvaticum Mitt. ex Paris, *nom. nud.* = *Orthostichopsis subimbricata* [1848: 344; 40: 226]
Meteorium sublivens Besch. = *Orthostichopsis sublivens* [1521]
Meteorium sylvaticum Mitt. ex Paris, *nom. nud.* = *Orthostichopsis subimbricata* [1848: 344; 40: 226]
Meteorium vaginans (Welw. & Duby) A.Jaeger = *Floribundaria vaginans* (1521)
Meteorium viridulum (Mitt.) Mitt. = *Trachypus bicolor* var. *viridulus* [1521]
Meteorium welwitschii (Duby) A.Jaeger = *Pilotrichella welwitschii* (1521)
Metzlerella alticaulis (Broth.) Broth. = *Atractylocarpus alticaulis* (7265)
Metzlerella madagascariensis Thér. = *Atractylocarpus madagascariensis* (7265)
Metzlerella naveauana Thér. in Naveau = *Atractylocarpus alticaulis* (465)
Metzleria - see note under *Atractylocarpus*.
- Microbryum davallianum*** (Sm.) R.H.Zander SAF(1531,8328).
Microbryum davallianum var. *conicum* (Schleich. ex Schwägr.) R.H.Zander = *Microbryum davallianum* (4793)
- Microbryum rufochaete*** (Magill) R.H.Zander SAF(82,1531,8328).
- Microbryum subplanomarginatum*** (Dixon) R.H.Zander LES(4897), NAM(1531,7155), SAF(1531,8328).
Microcampylopus dicranelloides (Renauld & Cardot) Cardot in Grandid. = *Microcampylopus perpusillus* [1911: 181] (= *Campylopus perpusillus*)
Microcampylopus kouroussensis (Renauld & Paris) P.W.Richards & Clear = *Campylopus kouroussensis* (507) (= *Campylopus perpusillus*)
- Microcampylopus laevigatus*** (Thér.) Giese & J.-P.Frahm ASC(507), BIO(8180), BUR(507), KEN(46), MDG(40,507), MLW(46,67,2084), RWA(65,507), TAN(46), UGA(46,507), ZAI(65).
Microcampylopus minor (Besch.) Broth. ex Paris = *Campylopus minor* [1521] (= *Campylopus pyriforme*)
Microcampylopus nanus (Müll.Hal.) Broth. ex Paris = *Dicranella subsubulata* (507).
Microcampylopus perpusillus (Mitt.) Broth. ex Paris = *Campylopus perpusillus* (507).
Microcampylopus pusillus Müll.Hal. = *Dicranella subsubulatum* (82: 121)
- Microcrossidium apiculatum*** (Magill) J.Guerra & M.J.Cano SAF(1531,2059,8328).
Microdus afro-exiguus (Dusén) Paris = *Leptotrichella afro-exigua* (4222)
Microdus ampullaceus (Dusén) Paris = *Leptotrichella ampullacea* (4222)
Microdus congolensis Renauld & Cardot = *Leptotrichella congolensis* (4222)
Microdus glabrifolium (Müll.Hal.) Kindb. Note: this name combination does not exist and arises from an error in the Central Africa checklist (65), where *Microthamnium glabrifolium* (a synonym of *Mittenothamnium pseudoreptans*) was incorrectly copied.
Microdus ligulifolius (Müll.Hal.) Broth. = *Leptotrichella ligulifolia* (4222)
Microdus limosus Besch. = *Microdus minutus* (4800: 182) (= *Leptotrichella minuta*)
Microdus lutarius Besch. = *Leptotrichella lutaria* (4222)
Microdus minutus (Dusén) Paris = *Leptotrichella minuta* (4222)
Microdus moenkemeyeri (Müll.Hal.) Paris = *Leptotrichella moenkemeyeri* (4222)
Microdus nitidulus (Mitt.) Paris = *Leptotrichella nitidula* (4222)
Microdus pallidisetus (Brid.) Besch. = *Leptotrichella pallidiseta* (4222)
Microdus subnitidulus Thér. & P.de la Varde = *Leptotrichella subnitidula* (4222)
Micromitrium elimbatum Thér. = *Groutiella elimbata* (1663)
Micromitrium laxotorquatum (Besch.) Paris = *Groutiella laxotorquata* [1521]
Micromitrium limbatulum (Broth. & Paris) Paris = *Groutiella limbatula* [1521] (= *Groutiella laxotorquata*)
- Micromitrium megalospermum*** Austin CMN(6765).
- Micromitrium perexiguum*** Müll.Hal. SAF(6765,8328).
Micromitrium pleurosigmoideum (Paris & Broth.) Broth. = *Groutiella pleurosigmoidea* [1521] (= *Groutiella laxotorquata*)
Micromitrium pobeguini (Paris & Broth.) Paris = *Groutiella pobeguini* [1521] (= *Groutiella laxotorquata*)
Micromitrium sarcotrichum (Müll.Hal. ex Broth.) Paris = *Groutiella sarcotricha* (1521) (= *Groutiella laxotorquata*)
- Micromitrium tenerum*** (Bruch) Crosby BIO(8180).
Micromitrium thraustophyllum (Broth.) Paris = *Groutiella thraustophylla* [1521]
Micropoma bukobense Broth. = *Physcomitrium bukobense* (1680).
Micropoma niloticum (Delile) Lindb. = *Physcomitrium niloticum* (1680).
Microstegium niloticum (Delile) Lindb. = *Micropoma nilotica* [1521] (= *Physcomitrium niloticum*)
Microthamnium afro-elegantulum Broth. = *Mittenothamnium horridulum* [1911: 417]
Microthamnium ankeriense Kiaer ex C.H.Wright, *nom. nud.* = *Mittenothamnium madagassum* [2328: 244]

- Microthamnium argillicola* Renault & Cardot = *Isopterygium argillicola* [1521]
Microthamnium aureum Besch. = *Mittenothamnium aureum* [1521] (= *Mittenothamnium reptans*)
Microthamnium bescherellei Renault & Cardot = *Mittenothamnium bescherellei* [1521]
Microthamnium bessonii Renault & Cardot = *Acanthocladium bessonii* [1521] (= *Wijkia bessonii*)
Microthamnium brachycarpum Renault & Cardot = *Mittenothamnium microthamnioides* [1848: 510]
Microthamnium brachycarpum var. *brevicuspis* P.de la Varde = *Chryso-hypnum frondosum* [717]
Microthamnium brachycarpum var. *glauculum* (Cardot) Thér. = *Mittenothamnium microthamnioides* var. *glauculum* [1521]
Microthamnium brevicuspis (P.de la Varde) P.de la Varde = *Mittenothamnium brevicuspis* [1521] (= *Chryso-hypnum frondosum*)
Microthamnium byssicormum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 214) from Cameroon.
Microthamnium caudiforme (Müll.Hal.) Kindb. = *Mittenothamnium caudiforme* (1521)
Microthamnium cavifolium Dixon = *Mittenothamnium cavifolium* (1521) (= *Chryso-hypnum cavifolium*)
Microthamnium chlorizans (Welw. & Duby) A.Jaeger = *Rhacopilopsis trinitensis* (2746: 88)
Microthamnium ctenidioides Dixon = *Mittenothamnium ctenidioides* (53: 24)
Microthamnium cygnicollum Dixon = *Mittenothamnium cygnicollum* (1521) (= *Mittenothamnium reptans*)
Microthamnium flexile Renault & Cardot = *Heterophyllum flexile* [1521] (= *Rhacopilopsis variegata*)
Microthamnium flexile var. *fuscoalare* Renault & Cardot, *nom. nud.* = *Rhacopilopsis variegata* (4720)
Microthamnium frondosum (Mitt.) A.Jaeger = *Mittenothamnium frondosum* [1521] (= *Chryso-hypnum frondosum*)
Microthamnium fruticellum (Mitt.) A.Jaeger = *Mittenothamnium reptans* (717)
Microthamnium glabrifolium (Müll.Hal.) Kindb. = *Mittenothamnium pseudoreptans* (4274)
Microthamnium horridulum Broth. = *Mittenothamnium horridulum* (1521)
Microthamnium inclinatum Renault = *Mittenothamnium microthamnioides* [1848: 444]
Microthamnium isopterygioides P.de la Varde, *hom. illeg.* = *Mittenothamnium isopterygioides* [174]
Microthamnium lacouturei Renault & Cardot in Renault = *Mittenothamnium lacouturei* [1521]
Microthamnium leptoreptans Broth. = *Mittenothamnium leptoreptans* [1521]
Microthamnium leptosquarrosus Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 840) from Cameroon.
Microthamnium limosum Besch. = *Mittenothamnium limosum* [1521]
Microthamnium longirostrum Thér. Note: this species, along with *Microthamnium perrieri* and *Microthamnium viguieri*, published in 1926 for Madagascar by Thériot (3093), need to be transferred to a different genus, or synonymised.
Microthamnium madagassum Besch. = *Mittenothamnium madagassum* [1521]
Microthamnium mollissimum Müll.Hal. ex C.H.Wright, *nom. nud.* = *Mittenothamnium madagassum* [1848: 446]
Microthamnium nervosum Kiaer ex C.H.Wright, *nom. nud.* = *Rhynchostegium nervosum* [1521]
Microthamnium palmarum Broth. = *Isopterygium palmarum* (1521)
Microthamnium patens (Hampe) A.Jaeger = *Mittenothamnium patens* (1521)
Microthamnium perrieri Thér. Note: see under *Microthamnium longirostrum*.
Microthamnium planosquarrosus Broth. = *Mittenothamnium planosquarrosus* [1521] (= *Rhacopilopsis trinitensis*)
Microthamnium pobeguini Broth. & Paris = *Mittenothamnium pobeguini* [1521] (= *Rhacopilopsis trinitensis*)
Microthamnium prionacis Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 224) from Cameroon.
Microthamnium protractulum (Müll.Hal.) Besch. = *Ectropothecium protractulum* [1521]
Microthamnium pseudoreptans (Müll.Hal.) A.Jaeger = *Mittenothamnium pseudoreptans* (1521)
Microthamnium reptans (Hedw.) Mitt. = *Mittenothamnium reptans* [1521]
Microthamnium reptans var. *pseudoreptans* (Müll.Hal.) Dixon ex Broth. = *Mittenothamnium pseudoreptans* [1521]
Microthamnium raphidostegioides Broth. = *Taxithelium raphidostegioides* (1521)
Microthamnium raphidostegioides var. *pallidum* Broth. = *Taxithelium raphidostegioides* var. *pallidum* [46]
Microthamnium raphidostegioides var. *viride* Broth. = *Taxithelium raphidostegioides* var. *viride* [46]
Microthamnium saproadelphus Broth. = *Mittenothamnium saproadelphus* (1521)
Microthamnium serratum A.Jaeger = *Mittenothamnium serratum* [1521] (= *Mittenothamnium reptans*)
Microthamnium shawii Rehmann ex Renault & Cardot, *nom. nud.* = *Mittenothamnium horridulum* [4800: 218]
Microthamnium stuhlmannii Broth. = *Mittenothamnium stuhlmannii* (1521) (= *Rhacopilopsis trinitensis*)
Microthamnium subelegantum Broth. = *Mittenothamnium subelegantum* [1521] (= *Rhacopilopsis trinitensis*)
Microthamnium tenellum Mitt. ex Dixon, *nom. nud. in synonym.* = *Mittenothamnium saproadelphus* [3420: 78]
Microthamnium trichostegium Müll.Hal. ex Paris, *nom. nud.* Excluded: appears in a list [4254: 21]; no description or specimen provided.
Microthamnium viguieri Thér. Note: see under *Microthamnium longirostrum*.
Microthecium boivinii Schimp. ex Paris, *nom. nud. in synonym.* = *Vesicularia galerulata* [1848: 480]
Mielichhoferia basilaris Bruch. & Schimp. ex Müll.Hal. = *Schizyemenium basilare* (1487)
Mielichhoferia bequaertii Dixon & Naveau = *Pohlia bequaertii* (65)
- Mielichhoferia borbonica* Thér. REU(105).**
Mielichhoferia breutelii Schimp. ex A.Jaeger, *nom. nud.* = *Haplodontium reticulatum* [1911: 316]. Excluded: see note under *Weissia reticulata*.
- Mielichhoferia bryoides* (Harv.) Wijk & Margad. LES(1531,4897), MLW(67,6087), SAF(1531,8328), SWZ(7972), ZIM(46).**
Mielichhoferia campylocarpa Schimp. ex Cufod., *nom. nud.* = *Mielichhoferia schimperii* (50: 229)

- Mielichhoferia cardotii*** A.J.Shaw & H.A.Crum MDG(40).
Mielichhoferia cholnokyi P.de la Varde = *Mielichhoferia subnuda* (83: 339)
Mielichhoferia clavata Bruch & Schimp. ex Müll.Hal. Excluded: see *Weissia reticulata*: the type collection contains two different elements.
- Mielichhoferia clavata*** Bruch & Schimp. ex Müll.Hal., *nom. illeg.* ETH(50), SUD(1419).
Mielichhoferia commixta Thér. = *Schizymerium commixtum* (1487)
Mielichhoferia compacta (Lindb.) Kindb., *hom. illeg. incl. spec. prior.* = *Mielichhoferia mielichhoferi* [1521]
Mielichhoferia cratericola Broth. = *Schizymerium cratericola* (65)
Mielichhoferia densifolia Angstr. = *Brachymerium acuminatum* (23: 4)
Mielichhoferia ecklonii Hornsch. = *Mielichhoferia bryoides* [2584: 231]
- Mielichhoferia elgonensis*** P.de la Varde TAN(46), UGA(46).
Mielichhoferia elongata Rehmman ex Kindb., *nom. nud.* Excluded: an undescribed collection (*Rehmman 212*) from Natal, South Africa.
Mielichhoferia hariotii Thér. = *Schizymerium hariotii* (1487)
Mielichhoferia hymenostoma Bruch. & Schimp. ex Müll.Hal. = *Schizymerium hymenostomum* (1487)
- Mielichhoferia hymenostomoides*** P.de la Varde UGA(46).
- Mielichhoferia linderi*** Thér. RWA(65).
Mielichhoferia madagassa Renaud & Cardot ex Cardot = *Schizymerium madagassum* (1487)
- Mielichhoferia madagassa*** var. ***gracilis*** Thér. MDG(40).
Mielichhoferia madagassa var. *gracilis* Thér. Note: *Mielichhoferia madagassa* has now been transferred to *Schizymerium*, but this variety was not considered at the time of the transfer. It should be synonymised or transferred.
Mielichhoferia mildbraedii Broth. = *Schizymerium mildbraedii* (65)
Mielichhoferia notarisii (Mitt.) Jur. = *Haplodontium notarisii* [1521] (= *Brachymerium notarisii*)
- Mielichhoferia ovalis*** Mitt. CMN(47), IVO(1458).
Mielichhoferia pellucida Hampe. Excluded: see note under *Weissia reticulata*.
Mielichhoferia procerrima Rehmman ex Geh., *nom. nud.* = *Anomobryum promontorii* [4378: 69] (= *Anomobryum julaceum*)
Mielichhoferia procumbens Rehmman ex Paris, *nom. nud.* = *Anomobryum promontorii* [4378: 69] (= *Anomobryum julaceum*)
Mielichhoferia rehmannii Müll.Hal. = *Mielichhoferia bryoides* [1911: 316; 83: 338]
Mielichhoferia ruwenzorensis Thér. & Naveau = *Schizymerium ruwenzorensis* (65)
Mielichhoferia schimperi Besch. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Schimper 1027*) from Ethiopia [50: 229].
- Mielichhoferia speluncae*** P.de la Varde UGA(46).
Mielichhoferia squarrosula Rehmman ex Dixon & A.Gepp, *nom. nud. orthogr.* = *Mielichhoferia squarrosula* [1521] (= *Brachymerium acuminatum*)
Mielichhoferia squarrosula Müll.Hal. = *Brachymerium acuminatum* (83: 343)
- Mielichhoferia squarrosula*** var. ***fragilis*** Thér. & Naveau ZAI(65).
- Mielichhoferia subbasilaris*** Broth. RWA(65), UGA(46).
- Mielichhoferia subnuda*** Sim LES(1531,4897), SAF(1531,8328).
Mielichhoferia transvaaliensis Müll.Hal. = *Mielichhoferia bryoides* (83: 338)
Mielichhoferia vallis-gratiae Hampe ex Paris, *nom. nud.* = *Mielichhoferia bryoides* [1911: 316]
- Mielichhoferia vardei*** J.Shaw & H.A.Crum CMN(47).
- Mielichhoferia woodii*** P.de la Varde UGA(46).
Mittenothamnium afro-elegantulum (Broth.) Cardot = *Mittenothamnium horridulum* [1911: 419]
Mittenothamnium aureum (Besch.) Cardot = *Mittenothamnium reptans* (717)
- Mittenothamnium bescherellei*** (Renaud & Cardot) Cardot REU(105).
Mittenothamnium brachycarpum (Renaud & Cardot) Cardot = *Mittenothamnium microthamnioides* [1848: 510]
Mittenothamnium brachycarpum var. *glauculum* Cardot in Grandid. = *Mittenothamnium microthamnioides* var. *glauculum* [1521]
Mittenothamnium brevicuspis (P.de la Varde) Wijk & Margad. = *Chryso-hypnum frondosum* (717)
Mittenothamnium byssicormum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 214*) from Cameroon.
- Mittenothamnium caudiforme*** (Müll.Hal.) Cardot MOZ(46).
Mittenothamnium cavifolium (Dixon) Wijk & Margad. = *Chryso-hypnum cavifolium* (717)
- Mittenothamnium ctenidioides*** (Dixon) Schelpe SAF(1531,7766,8328), TAN(46).
Mittenothamnium cygnicollum (Dixon) Wijk & Margad. = *Mittenothamnium reptans* (717)
Mittenothamnium elegantulum (Müll.Hal.) Cardot. Excluded: the only taxon with this name (which appears in two papers by Egunyomi (5176, 5745)), has so far only been reported from America, and was described by Hooker, not Müller. From (5745), it is probably a mistake for *Mittenothamnium afroelegantulum* (Broth.) Cardot, which is a synonym of *Mittenothamnium horridulum*, but as it is not clear, the references have been ignored.
Mittenothamnium frondosum (Mitt.) Cardot = *Chryso-hypnum frondosum* (717)

- Mittenothamnium fruticellum* (Mitt.) Cardot = *Mittenothamnium reptans* (717)
Mittenothamnium glabrifolium (Müll.Hal.) Cardot = *Mittenothamnium reptans* var. *pseudoreptans* [4274: 329] (= *Mittenothamnium pseudoreptans*)
- Mittenothamnium horridulum*** (Broth.) Cardot CMN(47), GUI(47), MDG(40), NGA(334), SAF(1531,8328).
Mittenothamnium inclinatum (Renauld) Cardot = *Mittenothamnium microthamnioides* [1848: 444]
- Mittenothamnium isopterygioides*** (Renauld & Cardot) Cardot GAB(47).
Mittenothamnium lacouturei (Renauld & Cardot) Cardot MDG(40).
Mittenothamnium leptoreptans (Broth.) Cardot SAO(47).
Mittenothamnium leptosquarrosus Cardot, *nom. nud.* Excluded: an undescribed collection (*Dusén 840*) from Cameroon.
- Mittenothamnium limosum*** (Besch.) Cardot MDG(40), REU(105).
Mittenothamnium madagassum (Besch.) Cardot COM(40), MAU(3410), MDG(40,3410), REU(105,3410).
Mittenothamnium microthamnioides (Geh.) Wijk & Margad. MDG(40,3410), MOZ(46), REU(3410), ZAM(46).
Mittenothamnium microthamnioides var. ***glauculum*** (Cardot) Wijk & Margad. MDG(40).
Mittenothamnium mollissimum Cardot, *nom. nud.* = *Mittenothamnium madagassum* [1848: 446]
- Mittenothamnium overlaetii*** Thér. & Naveau NGA(5160,5176), TAN(46), ZAI(65).
Mittenothamnium overlaetii var. *kilimandscharicum*. Note: this was an orthographic error in version 1 of the Checklist for *Mittenothamnium patens* var. *kilimandscharicum*.
Mittenothamnium pallescens Broth. in Mildbr., *nom. nud.* Excluded: an undescribed collection (*Mildbraed 6548*) from Annobon [1619: 159; 47: 523].
- Mittenothamnium patens*** (Hampe) Cardot SAF(1531,4897,7766,8328), TAN(46).
Mittenothamnium patens var. ***kilimandscharicum*** (Broth.) Kis TAN(46).
Mittenothamnium perrieri (Thér.) W.Schultze-Motel CAF(47).
Mittenothamnium perrieri (Thér.) W.Schultze-Motel. Note: Crosby & Schultze-Motel (40) suggest that this is probably a synonym of *Mittenothamnium microthamnioides* var. *glauculum*.
Mittenothamnium planosquarrosus (Broth.) Cardot = *Rhacopilopsis trinitensis* (717)
Mittenothamnium pobeguini (Broth. & Paris) Cardot = *Rhacopilopsis trinitensis* (717)
Mittenothamnium proreptans (Müll.Hal.) Cardot = *Mittenothamnium pseudoreptans* (1521)
- Mittenothamnium pseudoreptans*** (Müll.Hal.) Cardot BUR(65), KEN(46), RWA(65,2675), SAF(1531,8328), TAN(46), UGA(46), ZAI(65), ZIM(46).
Mittenothamnium reptans (Hedw.) Cardot BIO(47,2662), CMN(47), ETH(1927), KEN(46), MAU(3410), MDG(40), MLW(67), REU(105,3410), RWA(65), SAF(1531,7766,8328), TAN(46), ZAI(65), ZIM(46).
Mittenothamnium reptans var. *pseudoreptans* (Müll.Hal.) Dixon ex H.A.Crum & Steere = *Mittenothamnium pseudoreptans* [1521]
- Mittenothamnium saproadelphus*** (Broth.) Cardot CMN(47), MAU(105).
Mittenothamnium serratum (A.Jaeger) Cardot = *Mittenothamnium reptans* (717)
Mittenothamnium shawii Cardot = *Mittenothamnium horridulum* [4800: 218]
Mittenothamnium stuhlmannii (Broth.) Cardot = *Rhacopilopsis kilimandscharica* (717)
Mittenothamnium subelegantum (Broth.) Cardot = *Rhacopilopsis trinitensis* (717)
- Mittenothamnium subpatens*** (Broth.) Kis TAN(46).
Mittenothamnium trichostegium Cardot, *nom. nud.* Excluded: appears in a list [4254: 21]; no description or specimen provided.
Mitthyridium chenagonii (Renauld & Cardot) H.Rob. = *Serpotortella chenagonii* (1474)
Mitthyridium cyrtophyllum (Besch.) H.Rob. = *Serpotortella cyrtophylla* (1474)
- Mitthyridium fasciculatum*** ssp. ***cardotii*** (M.Fleisch.) B.C.Tan & L.T.Ellis SEY(1946,1947,1950,2033,2353).
Mitthyridium fasciculatum var. ***fasciculatum*** (Hook. & Grev.) H.Rob. MAU(105), MDG(1375), SEY(2033,2353).
Mitthyridium fasciculatum var. ***obtusifolium*** (Lindb.) M.Menzel in M.Menzel & W.Schultze-Motel SEY(2033,2353).
Mitthyridium flavum (Müll.Hal.) H.Rob. ZAI(4637).
Mitthyridium guineense (Broth. & Paris) W.Schultze-Motel = *Syrhodon africanus* var. *africanus* (1909)
Mitthyridium letestui (Thér. & P.de la Varde) H.Rob. = *Mitthyridium undulatum* [1473: 207]
Mitthyridium micro-undulatum (Dixon) H.Rob. = *Mitthyridium fasciculatum* ssp. *cardotii* (4977)
- Mitthyridium micro-undulatum*** ssp. ***comoroense*** W.D.Reese COM(1713).

- Mitthyridium obtusifolium* (Lindb.) H.Rob. = *Mitthyridium fasciculatum* var. *obtusifolium* (1082)
- Mitthyridium subflavum*** (Renauld & Cardot) H.Rob. MDG(40,5567).
- Mitthyridium undulatum*** (Dozy & Molk.) H.Rob. GAB(47), GUI(4637), NGA(5148), ZAI(4637,5319).
- Mniadelphus dusenii* Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Distichophyllum rigidicaule* [4087: 51]
- Mniadelphus hornsuschuchii* Müll.Hal., 1850 *nom. illeg.* = *Distichophyllum mniifolium* (1519: 612)
- Mniadelphus hornsuschuchii* Müll.Hal., 1899 *hom. illeg.* = *Distichophyllum mniifolium* [1911: 441; 1519: 612]
- Mniadelphus mascarenicus* (Besch.) Kindb. = *Distichophyllum mascarenicum* [1521]
- Mniadelphus procumbens* (Mitt.) A.Jaeger = *Distichophyllum procumbens* [1521]
- Mniadelphus rigidicaulis* Dusén = *Distichophyllum rigidicaule* [1521]
- Mniadelphus woodii* Sim, *nom. nud. in synon.* = *Porothamnium woodii* [1521]. Excluded: see *Stereophyllum woodii*.
- Mniobryum linderi*** Thér. RWA(2660), ZAI(65).
- Mniobryum pergracile*** Thér. & P.de la Varde CAF(47), KEN(46), TAN(259), UGA(46), ZAI(65).
- Mniobryum perlaxum*** Thér. & P.de la Varde MDG(40).
- Mniobryum ruwenzorensense*** P.de la Varde UGA(46).
- Mniobryum subcarneum* Thér., *hom. illeg.* = *Mniobryum linderi* [4363: 141]
- Mniobryum wahlenbergii* (F.Weber & D.Mohr) Jenn. = *Pohlia wahlenbergii* (2185)
- Mniobryum*. Note: species with a valid name in *Pohlia* are treated in that genus, pending a revision of the generic boundaries.
- Mnium alpinum* (With.) P.Beauv. = *Bryum alpinum* [1521]
- Mnium apiculatum* P.Beauv. = *Brachymerium apiculatum* [1521]
- Mnium aubertii* (Schwägr.) Brid. = *Bryum aubertii* (83: 387)
- Mnium australe* Besch. = *Mnium undulatum* var. *australe* [1521] (= *Plagiomnium rhynchophorum* var. *rhynchophorum*)
- Mnium bicolor* (Dicks.) Brid. = *Bryum bicolor* [1521] (= *Bryum dichotomum*)
- Mnium bimum* Schreb. = *Bryum pseudotriquetrum* var. *bimum* [1521]
- Mnium caespiticium* (Hedw.) With. = *Bryum caespiticium* [1521]
- Mnium caespiticium* var. *bicolor* (Dicks.) Roehl. = *Bryum bicolor* [1521] (= *Bryum dichotomum*)
- Mnium capillaceum* Sw., *nom. inval.* = *Distichium capillaceum* [1521]
- Mnium capillare* (Hedw.) With. = *Bryum capillare* [1521]
- Mnium commersonii* Schwägr. = *Rhodobryum commersonii* [1521; 83: 392]
- Mnium cristatum* (Hedw.) P.Beauv. = *Eriopus cristatus* [1521] (= *Calypstrochaete cistata*)
- Mnium crudum* Hedw. = *Pohlia cruda* (83: 350)
- Mnium cuspidatum* Hedw. = *Plagiomnium cuspidatum* [608]
- Mnium ecklonii* Müll.Hal. = *Plagiomnium rhynchophorum* var. *reidii* (83: 395)
- Mnium elongatum* (Hedw.) P.Beauv. = *Pohlia elongata* [1521]
- Mnium erythrocaulon* Schwägr. = *Bryum erythrocaulon* (83: 383)
- Mnium fontanum* L. ex Hedw. = *Philonotis fontana* (1521)
- Mnium giganteum* Schwaegr. = *Rhodobryum giganteum* [1521]
- Mnium heteromallum* (Hedw.) J.F.Gmel. ex With. = *Dicranella heteromalla* [1521]
- Mnium hildebrandtii* Müll.Hal. ex C.H.Wright, *nom. nud.* = *Plagiomnium rhynchophorum* var. *rhynchophorum* (1036)
- Mnium kilima-n'djaricum* Müll.Hal. ex Paris, *orthogr.* = *Mnium kilimandscharicum* [1521] (= *Plagiomnium rhynchophorum* var. *rhynchophorum*)
- Mnium kilimandscharicum* Müll.Hal. = *Plagiomnium rhynchophorum* var. *rhynchophorum* [1036]
- Mnium lanatum* P.Beauv. = *Bryum argenteum* var. *lanatum* [1521] (= *Bryum argenteum*)
- Mnium longirostre* Brid. = *Plagiomnium rostratum* [1036]. Note: *auct. afr.* = *Plagiomnium rhynchophorum* var. *rhynchophorum*.
- Mnium madagascariense* Kiaer ex C.H.Wright, *nom. nud.* = *Plagiomnium rhynchophorum* var. *rhynchophorum* (1036)
- Mnium marchicum* Hedw. = *Philonotis marchica* [1521]
- Mnium mauritanium* (Besch.) Müll.Hal. = *Rhizogonium mauritanium* [1521] (= *Pyrrhobryum spiniforme*)
- Mnium nutans* (Hedw.) Hoffm. ex Spreng., *hom. illeg.* = *Pohlia nutans* [1521]
- Mnium pallens* (Sw.) P.Beauv. = *Bryum pallens* [1521]
- Mnium palmifolium* P.Beauv. = *Fissidens palmifolius* [1521]
- Mnium palustre* Hedw. = *Aulacomnium palustre* (1521)
- Mnium pervilleanum* (Besch.) Müll.Hal. = *Rhizogonium spiniforme* [4692: 347] (= *Pyrrhobryum spiniforme*)
- Mnium pseudotriquetrum* Hedw. = *Bryum pseudotriquetrum* (83: 378)
- Mnium punctatum* (Schreb.) Hedw. = *Rhizomnium punctatum*. Excluded: according to Koponen (1036), this taxon is not known from sub-Saharan Africa.
- Mnium rhynchophorum* Hook. = *Plagiomnium rhynchophorum* var. *rhynchophorum* (1036)
- Mnium roseum* Hedw. = *Rhodobryum roseum* (83:390) (= *Rhodobryum ontariense*)
- Mnium rostratum* (Schrad.) Schwägr. = *Plagiomnium rostratum* (1036). Note: *auct. afr.* = *Plagiomnium rhynchophorum* var. *rhynchophorum*.
- Mnium rostratum* var. *reidii* Dixon = *Plagiomnium rhynchophorum* var. *reidii* (83: 395)
- Mnium rurale* Sw., *nom. inval.* = *Tortula ruralis* [1521] (= *Syntrichia ruralis*)
- Mnium saxatile* Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Cameroon.
- Mnium saxicola* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 42*) from Cameroon.

- Mnium serpyllifolium* var. *punctatum* (Hedw.) Jolycl. = *Mnium punctatum* [1521]. Note: see under *Mnium punctatum*.
Mnium serpyllifolium var. *undulatum* (Hedw.) L. ex Richt. = *Mnium undulatum* [1521] (= *Plagiomnium undulatum*)
Mnium spatulatum Hornsch. = *Rhodobryum roseum* (83:391) (= *Rhodobryum ontariense*)
Mnium spiniforme (Hedw.) Müll.Hal. = *Pyrrhobryum spiniforme* (83: 403)
Mnium spiniforme var. *comorense* Müll.Hal. = *Rhizogonium spiniforme* var. *comorense* [1521] (= *Pyrrhobryum spiniforme* var. *comorense*)
Mnium subenerve Schwaegr. = *Eriopus cristatus* [6894: 276 b] (= *Calyptrochaeta cristata*)
Mnium tomentosum Sw. ex Brid. = *Breutelia tomentosa* [1521]. Excluded: see note under *Breutelia tomentosa*.
Mnium truncorum Brid. = *Bryum truncorum* [1521] (= *Bryum pycnophyllum*)
Mnium turbinatum Hedw. = *Bryum turbinatum* (83: 375)
Mnium turgidum Wahlenb. = *Aulacomnium turgidum* [1521]
Mnium umbraculum (Hook.) Schwaegr. = *Rhodobryum umbraculum* [1521] (= *Bryum umbraculum*)
Mnium undulatum Hedw. = *Plagiomnium undulatum* [608]
Mnium undulatum var. *australe* (Besch.) Paris = *Plagiomnium rhynchophorum* var. *rhynchophorum* [40]
Mnium vallis-gratiae Hampe = *Pyrrhobryum vallis-gratiae* (83: 401)
Moenkemeyera diaphanodonta P.de la Varde = *Fissidens diaphanodontus* (107)
Moenkemeyera etessei Broth. & Paris = *Fissidens fouta-djalloni* (76) (= *Fissidens gardneri*)
Moenkemeyera flexipes P.de la Varde = *Fissidens parkii* (72)
Moenkemeyera hians (Hampe) Müll.Hal. Note: see *Fissidens hians* (Hampe) Paris; it is likely that these two taxa, described in successive years, are homotypic, based on a collection made by Rabenhorst near Lagos (Bruggeman-Nannenga, pers. comm.).
Moenkemeyera konkourae (Paris & Broth.) P.de la Varde = *Fissidens microcarpus* (73)
Moenkemeyera macrocarpa Broth. & Paris = *Fissidens parkii* (72)
Moenkemeyera macroglossa Broth. = *Fissidens macroglossus* (1458 (fide Bruggeman-Nannenga))
Moenkemeyera macroglossoides Broth. = *Fissidens macroglossus* (3212)
Moenkemeyera mirabilis Müll.Hal. = *Fissidens parkii* (72)
Moenkemeyera scleromitria (Besch.) P.de la Varde = *Fissidens scleromitrius* (53: 24)
Moenkemeyera subsphaerocarpa P.de la Varde = *Fissidens microcarpus* (73)

Molendoa sendtneriana (Bruch, Schimp. & W.Gümbel) Limpr. LES(4304,4897), SOM(50), SUD(4304), TAN(7833).

Molendoa sublaevis Demaret & P.de la Varde ZAI(65).

- Mollia brachydontia* (Bruch) Lindb. = *Trichostomum brachydontium* [1521]
Mollia caespitosa (Schwaegr.) Broth. = *Tortella humilis* [1912: 251]
Mollia calcarea (Nees & Hornsch.) Lindb. ex Braithw. = *Gymnostomum calcareum* [1521]
Mollia crispula (Bruch.) Lindb. = *Trichostomum crispulum* [1521]
Mollia humilis (Hedw.) Lindb. = *Tortella humilis* [1521]
Mollia ruralis Schrank, *nom. inval.* = *Tortula ruralis* [1521] (= *Syntrichia ruralis*)
Mollia rutilans (Hedw.) Lindb. ex Braithw. = *Weissia rutilans* [1521]
Mollia verticillata (Brid.) Lindb. = *Eucladium verticillatum* [1521]
Nanobryum drummondii Dixon ex Wijk & Margad., *nom. nud. in synonym.* = *Nanobryum dummeri* ['duemmeri'] [1521]
Nanobryum dummeri Dixon = *Nanobryum gladiolum* (4059) (= *Fissidens gladiolus*). Note: Stone (4060) would prefer *Nanobryum dummeri* to be retained, as a link to the Australian plant *Nanobryum thorborei* (the only other species in the family), separating it from *Fissidens gladiolus* on leaf structure.
Nanobryum gladiolum (Mitt.) Bizot = *Fissidens gladiolus* (2088)
Nanonomitrium hians Hampe ex Müll.Hal., *nom. nud. in synonym.* = *Moenkemeyera hians* [1521]. Note: see under *Moenkemeyera hians*.
Nanomitriopsis laxifolia (Renauld & Cardot) Cardot in Grandid. = *Pseudephemerum laxifolium* [1521] (= *Pseudephemerum nitidum*). Note: see also *Pseudephemerum laxifolium*.

Nanomitriopsis longifolia Cardot ZAI(65,3040).

- Nanomitriopsis longifolia* Cardot = *Pseudephemerum laxifolium* [4363: 139] (= *Pseudephemerum nitidum*)
Neckera abyssinica Bruch, Schimp. & W.Gümbel, *nom. nud.* = *Neckera remota* [7150: 1939]
Neckera abyssinica Müll.Hal., *nom. inval.* = *Pylaisiobryum abyssinicum* (1521)
Neckera acutifolia Brid. = *Calyptothecium acutifolium* var. *acutifolium* [1521; 2]
Neckera acutifolia var. *antitrichioides* Besch. = *Calyptothecium acutifolium* var. *antitrichioides* [1521]
Neckera africana Müll.Hal. = *Papillaria africana* (1519: 582)
Neckera africana Schimp., *nom. nud.* = *Neckera valentiniana* [4800: 210]
Neckera afroviatoriae (Dusén) Paris = *Neckeropsis afroviatoriae* [1521] (= *Neckeropsis foveolata*)
Neckera ampullacea Müll.Hal. = *Pilotrichella ampullacea* [1521]
Neckera angustiramea Müll.Hal. ex Pol., *nom. nud.* Excluded: an undescribed collection from the Comoro islands.
Neckera ascensionis Besch. = *Himantocladium ascensionis* (1521) (= *Himantocladium implanum*)
Neckera assimilis Müll.Hal. = *Felipponea assimilis* (5698) (= *Pterogoniadelphus assimilis*)
Neckera aubertii (P.Beauv.) Brid. = *Cyclodictyon aubertii* [1521]
Neckera boiviniana Müll.Hal. ex Besch. = *Neckeropsis boiviniana* [1521]
Neckera boivinii Besch. ex Renauld, *nom. illeg. incl. spec. prior.* = *Neckeropsis boiviniana* [1521]
Neckera bolleana Müll.Hal. = *Neckera intermedia* (2666)
Neckera bollei Kindb., *nom. illeg. incl. spec. prior.* = *Neckera bolleana* [1521] (= *Neckera intermedia*)
Neckera borgeniana Kiaer ex Paris, *nom. illeg. incl. spec. prior.* = *Neckera valentiniana* [1848: 373]

- Neckera borgenii* Kiaer ex Renauld = *Neckera valentiniana* [1848: 373]
Neckera breviuscula Müll.Hal. ex Dusén = *Calyptothecium breviusculum* [1521] (= *Calyptothecium acutifolium* var. *breviusculum*)
Neckera brotheri Paris = *Calyptothecium subacutifolium* [1521] (= *Calyptothecium acutifolium* var. *acutifolium*)
Neckera canariensis (Brid.) Brid. = *Leucodon canariensis* [1521]
Neckera capensis Bruch, Schimp. & W.Gümbel, *nom. nud.* = *Neckera valentiniana* [4800: 210]
Neckera capensis Müll.Hal. = *Aerobryopsis capensis* [1521; 1519: 581]
Neckera capensis var. *laevigata* Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Neckera valentiniana* [1911: 400]
Neckera chevalieri Broth. & Corb. = *Neckeropsis chevalieri* [1521] (= *Neckeropsis liliana*)
Neckera chrysonera Hampe ex Müll.Hal. = *Orthostichopsis subimbricata* [1848: 345; 2]
Neckera cirrifolia (Schwaegr.) Müll.Hal. = *Aerobryopsis cirrifolia* [1521]
Neckera comorae Müll.Hal. = *Neckeropsis lepineana* var. *comorae* [1521] (= *Neckeropsis lepineana*)

***Neckera complanata* Hedw. SAF(8358), TAN(7273).**

***Neckera complanata* var. *maxima* Dixon KEN(46,7065).**

- Neckera crispa* Hedw. Excluded: *Index Muscorum* lists this taxon as occurring in sub-Saharan Africa, but no records have been found.
Neckera curtispindula Hedw. = *Antitrichia curtispindula* (1521). Note: see *Antitrichia kilimandscharica*.
Neckera decolorans Hampe ex Müll.Hal., *nom. nud. in synonym.* = *Pilotrichella pseudo-imbricata* [2193: 265]
Neckera dentata (Schwaegr.) Müll.Hal., *hom. illeg.* = *Leptohymenium dentatum* [1521]. Excluded: so far no specimens under these names have been found.
Neckera denticulata (P.Beauv.) Brid. = *Pilotrichum denticulatum* [1521]. Note: see under *Pilotrichum denticulatum*.
Neckera diaphana Müll.Hal. = *Braunia secunda* [5414: 10; 1519: 547]
Neckera disticha Hedw. = *Neckeropsis disticha* (1521)
Neckera dregeana Hornsch. = *Entodon dregeanus* [1521] (= *Entodon macropodus*)
Neckera dusenii Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Pinnatella braunii* [4087: 41] (= *Homaliodendron piniforme*)
Neckera ehrenbergii Müll.Hal. Note: a valid neotropical taxon, which appeared in previous versions of this list as a synonym of *Neckera remota*. Unfortunately Müller used this name twice, once as an illegitimate synonym of *N. ehrenbergii*, once as a valid African taxon, but both with the same authors, and on the same page.
Neckera extans Besch. = *Neckeropsis disticha* (286)
Neckera flagellacea Mitt. = *Pinnatella flagellacea* [1521] (= *Homaliodendron pinniforme*)
Neckera flavescens (Hook.) Müll.Hal., *hom. illeg.* = *Campyloodontium flavescens* [1521] (= *Mesonodon flavescens*)
Neckera flexuosa Harv. in Hook. = *Cryptoleptodon pluvinii* (301)
Neckera floribunda (Dozy & Molk.) Müll.Hal. = *Floribundaria floribunda* [1521; 1519: 583]
Neckera floribundula Müll.Hal. = *Floribundaria floribundula* [1521]
Neckera fluminalis Müll.Hal. ex Renauld = *Neckeropsis madecassa* [1848: 371]
Neckera foveolata Mitt. = *Neckeropsis foveolata* [1521]
Neckera fuscescens Müll.Hal. = *Meiothecium fuscescens* [1521]
Neckera gracilis (Hedw.) Müll.Hal. = *Pterogonium gracile* [1521; 1519: 556]
Neckera grateloupii (Mont.) Müll.Hal. = *Schwetschkea grateloupii* [1521]
Neckera gromieri Thér. = *Neckera remota* (286)
Neckera guillemei Broth. ex Paris, *nom. nud.* Excluded: an undescribed specimen from Tanzania.
Neckera hedbergii P.de la Varde. Note: De Sloover (286) states that without sporophytes, it is impossible to assign this taxon to a species, but suggests that it might be a synonym of *Neckera remota*, which has been followed here.
Neckera hoehneliana Müll.Hal., *nom. illeg.* = *Calyptothecium hoehnelii* (2)
Neckera hoehnelii Müll.Hal. = *Calyptothecium hoehnelii* (2)
Neckera homoclada Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen from Ethiopia, which Cufodontis [50: 236] suggests may be a synonym of *Neckera remota*.
Neckera hookeriacea (Dusén) M.Fleisch. = *Neckeropsis hookeriacea* [1521; 286] (= *Neckeropsis madecassa*)
Neckera humboldtii (Hook.) Müll.Hal. = *Rhacocarpus purpurascens* [10: 721]
Neckera hygrometrica (Harv. & Hook.) Müll.Hal. = *Wardia hygrometrica* [1521]
Neckera imberbis (Sm.) Müll.Hal. = *Hedwigidium integrifolium* [8254: 14]
Neckera imbricata (P.Beauv.) Schwaegr. = *Pilotrichella pentasticha* [4284: 42]
Neckera imbricatula (Geh.) Müll.Hal. = *Pilotrichella isleana* var. *isleana* [1848: 350]

***Neckera intermedia* Brid. CVI(1296,2666).**

- Neckera julacea* Hook. ex Schwaegr. = *Erythrodonium julaceum* [1521]
Neckera lepineana Mont. = *Neckeropsis lepineana* [1521]
Neckera lepinei Mont. ex Aongstr., *nom. illeg. incl. spec. prior.* = *Neckeropsis lepineana* [1520]
Neckera liliana Renauld = *Neckeropsis liliana* [1521]
Neckera longiuscula Müll.Hal. ex Dusén = *Calyptothecium acutifolium* var. *longiusculum*(2)
Neckera macleai Rehmann ex Kindb., *nom. nud.* = *Trachypodopsis serrulata* [1911: 397]
Neckera macleana Rehmann ex Paris = *Trachypodopsis serrulata* [1911: 397; 1519: 561]
Neckera macrocarpa Broth. ex Mildbr., *hom. illeg.* = *Neckera submacrocarpa* (286)
Neckera madagascariensis (Brid.) Müll.Hal. = *Meiothecium madagascariensis* [1521]
Neckera madagassa Besch. ex Renauld, *orthogr.* = *Neckera madecassa* [1521] (= *Neckeropsis madecassa*)
Neckera madecassa Besch. = *Neckeropsis madecassa* [1521]
Neckera mariei Besch. = *Pinnatella mariei* [1521] (= *Caduciella mariei*)
Neckera maritima Müll.Hal., *nom. nud. in synonym.* = *Hedwigidium integrifolium* [10: 717]
Neckera mascarenica Müll.Hal. = *Pilotrichella mascarenica* [1521]

Neckera moenkemeyeri Müll.Hal. = *Pilotrichella moenkemeyeri* [1521]

Neckera natalensis Rehmman ex Kindb., *nom. nud.* = *Pterobryopsis natalensis* [1521]. Excluded: an undescribed specimen from Natal, South Africa.

***Neckera nelloi* Broth. ex Broth. & Tongiorgi ERI(50).**

Neckera nelloi Broth. ex Broth. & Tongiorgi. Note: De Sloover (286) suggests that this taxon is probably a synonym of *Neckera remota*.

Neckera nodicaulis Müll.Hal. = *Trachypodopsis serrulata* [5492: 67]

Neckera occidentalis Besch. = *Neckeropsis disticha* (286)

Neckera octodicerias Müll.Hal. = *Floribundaria octodicerias* [1521] (= *Floribundaria vaginans*)

Neckera panduraefolia Müll.Hal. = *Pilotrichella panduraefolia* [1521] (= *Orthostichella pandurifolia*)

Neckera pechuellii Müll.Hal. = *Pinnatella pechuellii* [1521] (= *Pinnatella minuta*)

***Neckera pennata* Hedw. BIO(47), ZIM(61).**

Neckera pennata Hedw. Note: De Sloover (286) states that it is likely that the identifications of this taxon are in error.

Neckera perichaetialis Hampe = *Papillaria perichaetialis* [1521]

Neckera pertruncata Cardot = *Neckeropsis lepineana* [1848: 372-3]

Neckera pervilleana Besch. = *Neckeropsis lepineana* var. *pervilleana* [1521] (= *Neckeropsis lepineana*)

Neckera pervillei Renaud, *nom. illeg. incl. spec. prior.* = *Neckeropsis lepineana* var. *pervilleana* [1521] (= *Neckeropsis lepineana*)

Neckera phleoides (Brid.) Müll.Hal. = *Pilotrichella phleoides* [1521]

***Neckera platyantha* (Müll.Hal.) Paris BIO(8180), BUR(65), ETH(111,1927), KEN(46,2661,3412,4112,5315,6614,7065), RWA(46,65), TAN(46), UGA(46), ZAI(65,5319).**

Neckera producta (Hornsch.) Müll.Hal. = *Forsstroemia producta* [1521; 1519: 587]

Neckera pseudo-crispa Rehmman ex Müll.Hal. = *Calyptothecium acutifolium* [1911: 399]

Neckera pseudo-imbricata Müll.Hal. = *Pilotrichella pseudo-imbricata* [1521]

Neckera pseudo-imbricata var. *pallescens* Müll.Hal. = *Pilotrichella pseudo-imbricata* var. *pallescens* [1521]

Neckera pseudo-imbricata var. *rufescens* Müll.Hal. = *Pilotrichella pseudo-imbricata* var. *rufescens* [1521]

Neckera pseudoseductrix Müll.Hal. = *Entodon pseudoseductrix* [1521]

Neckera pterops Rehmman ex Geh., *nom. illeg.* = *Porothamnium comorense* [1911: 402] (= *Porothamnium stipitatum*)

Neckera pygmaea Renaud & Cardot, *nom. illeg.* = *Homalia pygmaea* [1521] (= *Symphiodon pygmaeus*)

Neckera ramulosa Mitt. = *Poro-trichum cameruniae* (5490: 123) (= *Poro-trichum quintasii*)

***Neckera remota* Bruch & Schimp. ex Müll.Hal. BIO(8180), BUR(65), CMN(47), DJI(50), ERI(50), ETH(50,111), KEN(46), MDG(40), MLW(2387), RWA(65), TAN(46), UGA(46), ZAI(65,5319).**

Neckera remota Bruch & Schimp. ex Müll.Hal. Note: see under *N. ehrenbergii* regarding the validity of this name.

Neckera remota var. *laxa* Bruch & Schimp. ex Tongiorgi = *Neckera remota* (50: 237) (= *Neckera ehrenbergii*)

Neckera retusa Brid., *nom. illeg. incl. spec. prior.* = *Neckeropsis disticha* [1521]

Neckera schimperi Müll.Hal., *nom. inval. in synon. err.* = *Neckera abyssinica* Müll.Hal. (1521) (= *Pylaisiobryum abyssinicum*)

Neckera schimperiana Müll.Hal., *nom. illeg. incl. spec. prior.* = *Braunia schimperiana* (1521)

Neckera scioana Brizi = *Poro-thamnium hildebrandtii* var. *scioanum* [1521] (= *Poro-thamnium stipitatum*)

Neckera secunda (Hook.) Müll.Hal. = *Braunia secunda* [1521]

Neckera sericea Hedw., *nom. inval.* = *Homalothecium sericeum* [1521]

Neckera sericea Müll.Hal., *nom. illeg.* = *Palamocladium sericeum* [1521] (= *Palamocladium leskeoides*)

Neckera serpens Willd. = *Amblystegium serpens* [1521]

Neckera serrulata (P.Beauv.) Brid. = *Trachypodopsis serrulata* var. *serrulata* [1521; 1519: 561]

Neckera seychellarum Mitt. ex Dixon, *nom. nud. in synon.* = *Himantocladium seychellarum* [1521] (= *Himantocladium cyclophyllum*)

Neckera sikorae Müll.Hal. ex Renaud, *nom. nud. in synon.* = *Neckera valentiniana* [1848: 373]

Neckera smithii (Hedw.) Müll.Hal. = *Leptodon smithii* var. *smithii* [1521; 1519: 588]

Neckera splachnoides Sm. = *Daltonia splachnoides* [1521]

Neckera spuriotruncata Müll.Hal. ex Dusén = *Neckeropsis spuriotruncata* [1521]

Neckera straminea Müll.Hal., *nom. illeg.* = *Leptohymenium stramineum* (1521)

Neckera subdisticha Besch. = *Neckeropsis disticha* [2849: 88; 787]

Neckera subimbricata Hampe = *Orthostichopsis subimbricata* [1521; 2]

***Neckera submacrocarpa* Dixon CMN(286), KEN(46,136,5315), RWA(65), TAN(46), UGA(46), ZAI(65).**

Neckera subpiligera Hampe = *Aerobryidium subpiligerum* [1521] (= *Aerobryopsis capensis*)

Neckera subplatyantha Broth. in Mildbr. = *Neckera platyantha* (286)

Neckera subremota Müll.Hal. ex Dusén = *Neckera remota* (286)

Neckera subtruncata Broth., *nom. nud.* = *Neckeropsis subtruncata* [1521] (= *Neckeropsis disticha*)

Neckera traversii Müll.Hal. ex Paris, *nom. nud.* = *Cryptoleptodon flexuosus* [4768: 185] (= *Cryptoleptodon pluvini*)

Neckera truncata (P.Beauv.) Dusén ex M.Fleisch., *nom. illeg.* = *Neckeropsis disticha* [7306: 110]

Neckera undulatifolia Mitt. ex Paris, *nom. nud.* = *Neckera valentiniana* [4800: 210]

Neckera vaginans Welw. & Duby = *Floribundaria vaginans* (1521)

- Neckera valentiniana*** Besch. LES(7482), MDG(40), REU(105), SAF(1531,4897,7766,8328), ZAI(65).
Neckera valentiniana Besch. Note: De Sloover (286) states that the records of this plant for 'central Africa' are in error.
Neckera valentinii Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Neckera valentiniana* [1521]
Neckera viridula Mitt. = *Trachypus bicolor* var. *viridulus* [1521; 1519: 563]
Neckera viticulosoides P.Beauv. = *Leptodontium viticulosoides* (82: 189)
Neckera welwitschii Duby = *Pilotrichella welwitschii* (1521)
Neckeropsis afrovectoriae (Dusén) M.Fleisch. = *Neckeropsis foveolata* (787)
Neckeropsis angustiretis Dixon ex Tosco & Piovano, *nom. nud.* Excluded: Enroth (787) states that not only has this taxon no description, there are no records of *Neckeropsis* for Kenya (the reputed origin of the specimen), and it is thus a doubtful record. In addition, Tosco & Piovano (407) state that although Dixon must have seen a specimen, there is now only an empty folder, and the specimen is missing.
Neckeropsis bequaertii Thér. & Naveau = *Neckeropsis madecassa* (787)
- Neckeropsis boiviniana*** (Besch.) Cardot MDG(40), SEY(1926,2353).
Neckeropsis chevalieri (Broth. & Corb.) Broth. = *Neckeropsis liliana* (787)
Neckeropsis comorae (Müll.Hal.) Broth. ex Paris = *Neckeropsis lepineana* var. *comorae* [1521] (= *Neckeropsis lepineana*)
- Neckeropsis disticha*** (Hedw.) Kindb. BIO(47), BUR(65), CAF(47), CMN(47), COM(40), CON(47), GAB(47), GHA(47), IVO(787,1880), LBR(108,787), NGA(787,5148,5176), PRI(787), RIM(4639), SIE(3216), TOG(58,1878,2851), UGA(46), ZAI(65,5319).
- Neckeropsis foveolata*** (Mitt.) Broth. ex Paris BIO(8180), CAF(47), CMN(47), IVO(1880), LBR(47), NGA(47), RIM(4639).
Neckeropsis hookeriacea (Dusén) M.Fleisch. = *Neckeropsis madecassa* (787)
- Neckeropsis lepineana*** (Mont.) M.Fleisch. CMN(787), COM(40), GAB(47), MAU(105), MDG(40), REU(105), ROD(105), SAF(787), TAN(46), UGA(46), ZAI(65,5319).
Neckeropsis lepineana var. *comorae* (Müll.Hal.) Cardot = *Neckeropsis lepineana* (787)
Neckeropsis lepineana var. *pervilleana* (Müll.Hal.) Cardot = *Neckeropsis lepineana* (787)
- Neckeropsis liliana*** (Renauld) Broth. ex Paris CAF(47), CMN(47), GHA(787), IVO(787,1880), ZAI(787).
- Neckeropsis madecassa*** (Besch.) M.Fleisch. CMN(47), GAB(47), MDG(40), REU(785), ZAI(65).
Neckeropsis pervilleana (Besch.) Broth. = *Neckeropsis lepineana* var. *pervilleana* [1521] (= *Neckeropsis lepineana*)
- Neckeropsis pocsii*** Enroth & Magill COM(510).
- Neckeropsis spuriotruncata*** (Müll.Hal. ex Dusén) M.Fleisch. CMN(47), CON(47), GAB(47), GUI(47), IVO(47), SIE(3216), ZAI(1552).
Neckeropsis spuriotruncata var. *latifolia* Broth. & P.de la Varde = *Neckeropsis madecassa* (787)
Neckeropsis subdisticha (Besch.) M.Fleisch. = *Neckeropsis disticha* [2849: 88]
Neckeropsis subtruncata M.Fleisch., *nom. nud.* = *Neckeropsis disticha* (787)
Neckeropsis truncata (P.Beauv.) M.Fleisch. = *Neckeropsis disticha* [7306: 110; 2849: 86]
- Neophoenix matoposensis*** R.H.Zander & During ZIM(5298).
Neorutenbergia armata Bizot & Pócs = *Neorutenbergia usagarae* (6: 444)
- Neorutenbergia usagarae*** (Dixon) Bizot & Pócs KEN(6614,7065), TAN(46,6353).
- Neosharpiella aztecorum*** H.Rob. & Delgad. LES(1531,4897), SAF(1531,4897,8328).
Notarisia capensis Hampe, *nom. illeg. incl. spec. prior.* = *Ptychomitrium crispatum* [1521; 1519: 474]
Notarisia crispata (Hedw.) Mont. ex Webb. & Berth. = *Ptychomitrium crispatum* [1521]
Ochrobryum boivinii Besch. = *Leucobryum mayottense* [7180: 7,15,28]
Ochrobryum dendeliae Broth. & Paris = *Ochrobryum gardneri* (2169)
- Ochrobryum gardneri*** (Müll.Hal.) Lindb. CAF(47), GUI(47,2169).
Ochrobryum glaucescens Cardot ex Paris, *nom. nud.* = *Ochrobryum normandii* [4375: 94] (= *Ochrobryum gardneri*)
Ochrobryum maclaudii Cardot & Paris = *Ochrobryum subulatum* (2169)
Ochrobryum normandii Cardot & Paris = *Ochrobryum gardneri* (2169)
Ochrobryum normandii var. *fragilifolium* Dixon & Thér. = *Ochrobryum subulatum* (2169)
Ochrobryum normandii var. *glaucescens* Paris, *nom. nud.* = *Ochrobryum normandii* [4375: 94] (= *Ochrobryum gardneri*). Note: this taxon was not treated in Allen's revision of the genus (2169).
Ochrobryum obtusissimum Dixon = *Leucobryum incurvifolium* (2169)
Ochrobryum rutenbergii Müll.Hal. ex Geh. = *Leucobryum cucullatum* var. *rutenbergii* [1521]
- Ochrobryum sakalavum*** Cardot & Paris MDG(40,2169,6908).
- Ochrobryum subulatum*** Hampe in Besch. GUI(47,2169), SIE(3216), ZAI(65,2169).
- Octoblepharum africanum*** (Broth.) Cardot MDG(40).
Octoblepharum albidum fo. *longifolia* Dixon. Excluded: any records for this form have been associated with the owning species.

Octoblepharum albidum Hedw. ANG(46), ANN(47), BEN(47), BIO(2662), BUR(65), CAF(47,355), CGS(5699,8220), CMN(47), COM(40), CON(47), GAB(47), GHA(47), GUI(47,1458), IVO(63,1458,1880), KEN(6615), LBR(47), MAU(105,1882), MDG(40,6908), MLW(67,6087), MOZ(46), NGA(47,334,5148,5176,6263), PRI(47), REU(105), RIM(4639), ROD(105), SAF(1531,8328), SAO(47), SEN(47), SEY(759,1926,1941,1945,1946,1950,2030,2033,2324,2353,4899,4932), SIE(47,3216), SWZ(1531), TAN(46), TOG(58,1878,2851), UGA(46), ZAI(65,5319,7863), ZAM(46,62), ZIM(46,61).

Octoblepharum brevisetum C.C.Towns. = *Octoblepharum albidum* (762)

Octoblepharum leptodontium Broth. in Lindau, *nom. nud.* Excluded: an undescribed collection from Bukoba, Tanzania [22: 68].

Octoblepharum leptoneuron Cardot SEN(47).

Octoblepharum serratum Brid., *nom. illeg. incl. spec. prior.* = *Tayloria orthodonta* [1521]

Octoblepharum serratum Hook., *hom. illeg.* = *Tayloria indica* [2740: 128]

Octodiceras amphibium (Müll.Hal.) A.Jaeger = *Fissidens amphibius* [1521] (= *Fissidens crispulus*)

Octodiceras borbonicum (Müll.Hal.) A.Jaeger = *Fissidens palmifolius* [4250: 284]

Octodiceras capensis (Müll.Hal.) A.Jaeger = *Fissidens palmifolius* (85)

Octodiceras capensis var. *nigrescens* Rehmman ex Dixon & A.Gepp = *Fissidens palmifolius* [85]

Octodiceras debilis (Schwaegr.) C.E.O.Jenner = *Fissidens palmifolius* [85]

Octodiceras fontanum (Bach.Pyl.) Lindb. = *Fissidens fontanus* (82: 67). Note: or *Fissidens palmifolius* - see note under *Fissidens fontanus*.

Octodiceras julianum (DC.) Brid. = *Fissidens fontanus* [8172: 405] Note: or *Fissidens palmifolius* - see note under *Fissidens fontanus*.

Octodiceras nigrescens Rehmman ex Dixon & A.Gepp = *Fissidens fontanus* [4800: 180] Note: or *Fissidens palmifolius* - see note under *Fissidens fontanus*.

Oedipodiella australis (Wager & Dixon) Dixon LES(1531), SAF(1531,8328).

Oedipodium australe Wager & Dixon = *Oedipodiella australis* (83: 303)

Oligotrichum africanum P.de la Varde = *Oligotrichum cavallii* (288)

Oligotrichum afrolaevigatum (Dixon) G.L.Sm. LES(289,1531,4897),

SAF(289,1531,4897,8328).

Oligotrichum capense Schelpe & Fanshawe, *nom. nud.* Excluded: an unpublished name from South Africa that appeared in Fanshawe's PhD.

Oligotrichum cavallii (G.Negri) G.L.Sm. KEN(289), RWA(46,65), TAN(46,289),

UGA(46,289), ZAI(65).

Oligotrichum tetragonum Schelpe & Fanshawe, *nom. nud.* Excluded: an unpublished name from South Africa that appeared in Fanshawe's PhD.

Oligotrichum wageri (Broth.) G.L.Sm. SAF(289,1531,8328).

Oncophorus billardierei (Brid.) Brid. = *Dicranoloma billardierei* [1521]

Oncophorus cyathicarpus (Mont.) Mitt. = *Amphidium cyathicarpus* (1521) (= *Amphidium tortuosum*)

Oncophorus dichotomus (P.Beauv.) Brid. = *Dicranoloma billardierei* [1911: 162]

Onphacoloroma cameruniae Müll.Hal. ex Paris = *Leucoloma cameruniae* [1521]

Oreas capensis Bruch ex Müll.Hal., *nom. nud. in synonym.* = *Mielichhoferia bryoides* [1521]

Oreoweisia erosa (Müll.Hal.) Kindb. KEN(7984), LES(225,1531,4897), MDG(40),

SAF(225,1531,8328), TAN(7984), ZAI(65,220,225).

Orthodon thomeanus Broth. = *Tayloria thomeana* [1521] (= *Brachymitrium moritzianum*)

Orthodicranum flagellare (Hedw.) Loeske. Excluded: see *Dicranum flagellare*.

Orthodicranum scottianum (Turn.) Roth. Excluded: listed in *Index Muscorum*, but no reports found.

Orthodon borbonicus Bory ex Besch. = *Tayloria orthodonta* (123)

Orthodon isleanus Besch. = *Tayloria isleana* (83: 331)

Orthodon madecassus Renauld, *nom. nud.* = *Tayloria isleana* [1848: 165; 40: 211]

Orthodon serratus Bory ex Schwaegr. = *Tayloria orthodonta* [4382: 85; 40: 211]

Orthodontium aethiopica Müll.Hal. = *Orthodontium gracile* [616: 22]

Orthodontium brevifolium Broth. = *Orthodontium loreifolium* [616: 57]

Orthodontium gracile Schwägr. ex Bruch, Schimp. & W.Gümbel BIO(8180), CMN(47),

ETH(50), KEN(411,5315), RWA(65), TAN(46), UGA(5696), ZAI(65,5319).

Orthodontium haplohymenium Dixon & Naveau = *Orthodontium loreifolium* [616: 57]

Orthodontium lineare Schwägr. MLW(67), SAF(1531,4897,7766,8328), TAN(146).

Orthodontium lineare ssp. *piriforme* Meijer. Note: treated here as *Orthodontium lineare*.

Orthodontium loreifolium Besch. KEN(46,3412), MLW(67), REU(105), RWA(65,2660),

TAN(46), UGA(46), ZAI(65,2660).

Orthodontium ruwenzorensis (Thér. & Naveau) O'Shea UGA(46), ZAI(65).

- Orthopyxis palustris* (Hedw.) P.Beauv. = *Aulacomnium palustre* [1521]
Orthorrhynchidium planifrons (Renauld & Paris) Renauld & Cardot = *Calypothecium planifrons* (2)
Orthostichella - see note under *Pilotrichella*: many species of that genus belong here.
Orthostichella capillicaulis Müll.Hal., *comb. inval.* = *Pilotrichella capillicaulis* (1521)
Orthostichella communis (Dusén) Müll.Hal. ex Paris, *nom. inval. in synonym.* = *Pilotrichella communis* [1521]
Orthostichella curvifrons Müll.Hal., *comb. inval.* = *Pilotrichella curvifrons* (1521)
Orthostichella dusenii Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Pilotrichella muelleri* [4087: 33]
Orthostichella gracilicaulis Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Pilotrichella gracilicaulis* [1521]
Orthostichella imbricatula (Geh.) Müll.Hal. ex Paris, *nom. inval. in synonym.* = *Pilotrichella isleana* [1848: 550] (= *Pilotrichella mascarenica*)
Orthostichella leptopteridea Müll.Hal. ex Paris, *nom. nud.* = *Pilotrichella leptopteridea* [1521] (= *Pilotrichella ragazzii*)
Orthostichella pandurifolia (Müll.Hal.) W.R.Buck ETH(111),
KEN(46,2661,3412,4112,5315,6614,7065), MLW(67), SAF(1531,7766,8328),
SWZ(1531), TAN(46), ZIM(61).
Orthostichella pentasticha (Brid.) W.R.Buck BIO(47), CMN(47), KEN(46), MAU(3410),
MDG(40), MLW(67), REU(105), SIE(47), TAN(46), ZAM(62).
Orthostichella platyclada Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 846*) from Cameroon.
Orthostichella profusicaulis Müll.Hal., *comb. inval.* = *Pilotrichella profusicaulis* (1521)
Orthostichella sericea Müll.Hal., *comb. inval.* = *Pilotrichella sericea* (1521)
Orthostichella subimbricata Müll.Hal., *comb. inval.* = *Orthostichopsis subimbricata* [1521]
Orthostichella tenellula Müll.Hal., *comb. inval.* = *Pilotrichella tenellula* (1521)
Orthostichella turgidellacea (Müll.Hal. ex Dusén) W.R.Buck CMN(47).
Orthostichidium cameruniae Dusén = *Orthostichidium involutifolium* (2)
Orthostichidium dusenii Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Orthostichidium perpinnatum* [4087: 19] (= *Orthostichidium involutifolium*)
***Orthostichidium involutifolium* ssp. involutifolium** (Mitt.) Broth. ANG(2,46),
BIO(2,47,2662,3414), CAF(47), CMN(2,47), ETH(111), GAB(47), GHA(2,47),
GUI(2,47), IVO(44), LBR(2,47), MDG(40), NGA(2,47,334), RIM(4639), ROD(105),
SAO(47), SIE(2,47,3216), ZAI(65,5319).
***Orthostichidium involutifolium* ssp. thomeanum** (Broth.) Argent BIO(2,47,2662),
CMN(2,47), PRI(47), REU(105), SAO(2,47).
Orthostichidium perpinnatum (Broth.) Dusén = *Orthostichidium involutifolium* (2)
Orthostichidium perseriatum (Broth. & Paris) Broth. = *Orthostichidium involutifolium* (2)
Orthostichidium thomeanum (Broth.) Broth. = *Orthostichidium involutifolium* ssp. *thomeanum* (2)
Orthostichopsis chrysoneura (Müll.Hal.) Broth. = *Orthostichopsis subimbricata* [1848: 345; 2; 40: 226]
Orthostichopsis debilinervis (Renauld & Cardot) Broth. REU(105).
Orthostichopsis longinervis (Renauld & Cardot) Broth. MAU(3410), MDG(40),
REU(3410).
Orthostichopsis madagassa Dixon MDG(40).
Orthostichopsis pinnatella (Broth.) Broth. MLW(67), SAF(1531,8328), TAN(46).
Orthostichopsis scaberula (Renauld & Cardot) M.Fleisch MDG(40).
Orthostichopsis subimbricata (Hampe) Broth. COM(2,40), KEN(46), MDG(2,40),
REU(2,105), RWA(2675), SAF(1531,8328), TAN(46), UGA(46), ZAI(2675).
***Orthostichopsis subimbricata* var. borbonica** (Renauld & Cardot) Cardot REU(105).
***Orthostichopsis subimbricata* var. flageyi** (Renauld & Cardot) Cardot MDG(40).
Orthostichopsis sublivens (Besch.) Broth. REU(105).
Orthothecium neilgheriense (Mont.) A.Jaeger = *Palamocladum nilgheriense* [1521] (= *Palamocladum leskeoides*)
Orthotrichum angulosum P.Beauv. = *Schlotheimia angulosa* [1521]
Orthotrichum abyssinicum Hampe ex Dixon, *nom. nud. in synonym.* = *Orthotrichum leptocarpum* [5545: 60] (= *Orthotrichum affine*)
Orthotrichum aciculare Hook. & Grev., *nom. illeg. incl. spec. prior.* = *Macromitrium pallidum* [1521]
Orthotrichum aequatoreum Mitt. ETH(111), KEN(411), RWA(65), TAN(46), UGA(46).
***Orthotrichum affine* var. affine** Brid. ETH(50,347,1927), KEN(46,2661,3412,5315),
RWA(65), TAN(46), UGA(46), ZAI(65,5319).
Orthotrichum affine var. *rupestre* Brid., *nom. nud.* = *Orthotrichum rupestre* [1521]
Orthotrichum afrofastigiatum Müll.Hal. Excluded: considered by Lewinsky & van Rooy (1065) to be *nomen dubium*,
and replaced by *Orthotrichum incurvomarginatum*.
Orthotrichum afrofastigiatum sensu Sim (1911) = *Stoneobryum mirum* (1519: 502)
Orthotrichum albidum Hedw. ex Wijk, Margad. & Florsch., *orthogr. err.* = *Octoblepharum albidum*. Note: this is the
result of a clerical error in *Index Muscorum*.

- Orthotrichum arborescens*** Thér. & Naveau ETH(1927,6400),
KEN(46,136,2661,3412,5315), RWA(65), UGA(5696), ZAI(65).
- Orthotrichum armatum*** Lewinsky & Van Rooy SAF(1065,1531,7766,8328).
Orthotrichum bequaertii Thér. & Naveau = *Orthotrichum affine* (347)
Orthotrichum crispatum (Hedw.) Hook. & Grev. = *Ptychomitrium crispatum* (1519: 474)
- Orthotrichum denticulatum*** Lewinsky ETH(50,111,347), RWA(65), TAN(46).
- Orthotrichum diaphanum*** var. *diaphanum* Schrad. ex Brid. CVI(2666), ETH(347),
KEN(46), LES(4897), NAM(6798,8024), SAF(1531,4897,7766,8328), SOM(50).
Orthotrichum ecklonii Hornsch. = *Ulota ecklonii* (1519: 504)
Orthotrichum ferrugineum Bruch ex Hook. & Grev. = *Schlotheimia ferruginea* (1519: 521)
Orthotrichum fimbriatum P.Beauv. = *Macromitrium fimbriatum* [1521]
- Orthotrichum firmum*** Venturi BIO(8180), ERI(50), ETH(50), KEN(46,3412,5315),
RWA(65), SAF(1065,1531,7766,8328), TAN(46), UGA(46), ZAI(65).
- Orthotrichum galiciae*** F.Lara, Garilleti & Mazimpaka ETH(8323).
Orthotrichum glaucum Spreng. = *Orthotrichum diaphanum* (347)
Orthotrichum hornsuschuchii Hook. & Grev. = *Macromitrium pulchellum* [1521] (= *Macrocoma pulchella*)
Orthotrichum illecebrum Willd. ex Besch., *nom. nud. in synon.* = *Schlotheimia illecebra* [1521]
- Orthotrichum incurvomarginatum*** Lewinsky & Van Rooy SAF(1065,1531,8328).
Orthotrichum laeve P.Beauv. ex Schrad., *nom. illeg.* = *Macromitrium pallidum* [2584: 745]
Orthotrichum latifolium Dixon ex Sappa = *Orthotrichum denticulatum* (347)
Orthotrichum leikipiae Müll.Hal. = Excluded: see Lewinsky (347).
Orthotrichum leptocarpum Bruch & Schimp. ex Müll.Hal. = *Orthotrichum affine* (347)
Orthotrichum lycopodioides Burch. ex Schwaegr., *nom. nud. in synon.* = *Macromitrium lycopodioides* [1521] (= *Macrocoma lycopodioides*)
Orthotrichum macleani Rehm ex Sim = *Orthotrichum rupestre* (347)
Orthotrichum macleanum J.Shaw = *Orthotrichum rupestre* (1519: 496)
Orthotrichum microphyllum Hook. & Grev. = *Macrocoma tenuis* [1911: 280; 1519: 510]
Orthotrichum mirum Lewinsky = *Stoneobryum mirum* (1531)
Orthotrichum mollissimum Müll.Hal. Note: Lewinsky (347: 83) says that she was unable to find any material of this taxon, but from the description it was likely to be *Orthotrichum diaphanum*.
- Orthotrichum mollissimum*** Müll.Hal. SUD(3076).
Orthotrichum molluscum Bruch ex Dixon, *nom. nud. in synon.* = *Orthotrichum firmum* [5545: 286]
- Orthotrichum oreophilum*** Lewinsky & Van Rooy LES(1065,1531,4897).
Orthotrichum ovatum Venturi, *nom. nud.* = *Orthotrichum rupestre* var. *ovatum*. Excluded: see *Orthotrichum rupestre* var. *ovatum*.
Orthotrichum pallidum P.Beauv. = *Macromitrium pallidum* [1521]
Orthotrichum piliferum Schimp. ex J.Shaw, *hom. illeg.* = *Orthotrichum glaucum* [3076: 408] (= *Orthotrichum diaphanum*)
Orthotrichum plicatum P.Beauv. = *Leiomitrium plicatum* [1521]
Orthotrichum pseudotenellum Hampe ex Müll.Hal. = *Orthotrichum diaphanum* (347)
Orthotrichum pseudotenellum sensu Sim (1911) = *Orthotrichum subexertum* (1519: 497)
- Orthotrichum pumilum*** Sw. CVI(2666,6453).
Orthotrichum quadrifidum Hook. & Grev., *nom. illeg. incl. spec. prior.* = *Schlotheimia angulosa* [1521]
- Orthotrichum recurvifolium*** (Hornsch.) Müll.Hal., *hom. illeg.* SAF(1506).
Orthotrichum rupestre var. *ovatum* Venturi ex Husn. & ssp. *ovatum* (Venturi) Broth. Excluded: the African specimen described appears to be quite different to the other specimens quoted for this variety [4913: 156].
- Orthotrichum rupestre*** var. *rupestre* Schleich. ex Schwägr. KEN(46,5315),
LES(1065,1531,4897), SAF(1531,4418,8328), TAN(46), UGA(46).
Orthotrichum schimperi Hammar = *Orthotrichum pumilum* (4793)
Orthotrichum serpens Dixon = *Macromitrium serpens* (1519: 518)
Orthotrichum serrifolium Müll.Hal. = *Leptodontium pungens* (290)
Orthotrichum sinense Schimp. ex Paris = *Orthotrichum firmum* (347)
Orthotrichum smithii (Hedw.) Brid. = *Leptodon smithii* [1521]
Orthotrichum squarrosus (Brid.) Hook. & Grev. = *Schlotheimia squarrosa* [1521]
- Orthotrichum subexsertum*** Schimp. ex Müll.Hal. KEN(46), LES(4897), RWA(65),
SAF(1531,3411,4897,7766,8328), UGA(5696).
Orthotrichum tenue Hook. & Grev. = *Macrocoma tenuis* (7013: 217)
- Orthotrichum transvaaliense*** Rehm ex Sim SAF(1531,8328).
Orthotrichum uncinatum (Brid.) Arnott = *Macromitrium fimbriatum* [77: 309]
- Orthotrichum undulatifolium*** Müll.Hal. ETH(50), TAN(46), ZAI(65).
Orthotrichum urceolatum Hook. = *Macromitrium urceolatum* [1521]
Oxyrrhynchium afrorusciforme (Broth.) Broth. = *Platyhypnidium afrorusciforme* [1521]

***Oxyrrhynchium confervoidum* Sim SAF(1531,8328).**

Oxyrrhynchium kenyae Dixon, *nom. nud.* = *Oxyrrhynchium peyronelii* (407) (= *Eurhynchium peyronelii*)

Oxyrrhynchium macowanianum (Paris) Broth. = *Platyhypnidium macowanianum* (1521)

Oxyrrhynchium petronellii Tosco & Piovano. Note: this was an orthographic error in Kis (46) for *Orthotrichum peyronelii*.

Oxyrrhynchium peyronelii Tosco & Piovano = *Eurhynchium peyronelii* (4224)

***Oxyrrhynchium porothamnioides* P.de la Varde & Levier ZAI(65).**

Oxyrrhynchium praelongum (Hedw.) Warnst. = *Eurhynchium praelongum* [71: 641] (= *Kindbergia praelonga*)

Oxyrrhynchium riparioides (Hedw.) Jenn. = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)

Oxyrrhynchium rusciforme Warnst., *nom. illeg. incl. spec. prior.* = *Platyhypnidium riparioides* (1521) (= *Amblystegium riparium*)

***Oxyrrhynchium subasperum* Sim SAF(1531,7766,8328).**

Oxyrrhynchium swartzii (Turner) Warnst. = *Eurhynchium hians* (2079)

Oxystegus circinatus (Besch.) Hilp. = *Oxystegus cylindricus* [1911: 245]

Oxystegus cylindricus (Brid.) Hilp. = *Trichostomum tenuirostre* [71: 623]

Oxystegus leptotortella (Müll.Hal.) Hilp. = *Chionoloma bombayense* [7961: 36]. Note: see under *Barbula leptotortella*.

Oxystegus rhodesiae (Brid.) Hilp. = *Trichostomum rhodesiae* (1420) (= *Chionoloma bombayense*)

Oxystegus soulae (Müll.Hal. ex Renaud & Cardot) Wijk & Margad. = *Trichostomum soulae* (1420) (= *Chionoloma bombayense*)

Oxystegus soulae var. *corticicola* (Renaud & Cardot) Wijk & Margad. = *Trichostomum soulae* var. *corticicola* (1420) (= *Chionoloma bombayense*)

Oxystegus tenuirostris var. *tenuirostris* (Hook. & Taylor) A.J.E.Sm. = *Trichostomum tenuirostre* (1420)

Pachyfidens grandifrons (Brid.) Limpr. = *Fissidens grandifrons* [1521]

Pachyneurum atrovirens (Sm.) Amann = *Desmatodon convolutus* [8215: 224] (= *Tortula atrovirens*)

Pachyneurum atrovirens var. *edentula* (Bruch & Schimp.) Amann = *Desmatodon convolutus* var. *edentula* [1521] (= *Tortula atrovirens*)

Palamocladium boivinianum (Besch.) Müll.Hal., *nom. illeg. incl. spec. prior.* = *Homalothecium nilgheriense* [1848: 521] (= *Palamocladium leskeoides*)

Palamocladium capense Müll.Hal., *nom. nud.* Excluded: no description or specimen given.

Palamocladium involutum Broth. ex Paris, *nom. inval. in synonym.* = *Palamocladium sericeum* [4345: 171] (=

Palamocladium leskeoides)

Palamocladium involvens Broth. = *Palamocladium sericeum* [4345: 171] (= *Palamocladium leskeoides*)

***Palamocladium leskeoides* (Hook.) E.Britton COM(40,3299), CVI(1296,2666), DJI(50), ETH(50,1927,3299), KEN(46,3299,6614,7065), LES(1531), MDG(40,3299), REU(105,1626,3299,3410), RWA(47,65,3299), SAF(1531,3410,3411,4897,7766,8328), SOC(40,1626,2374,3299,5613), SOM(1626,3299), SWZ(1531,3299), TAN(46,3299), UGA(46,3299), ZAI(47,65).**

Palamocladium neelgheriense (Mont.) Müll.Hal. Note: see *Palamocladium nilgheriense*.

Palamocladium nilgheriense (Mont.) Müll.Hal. = *Palamocladium leskeoides* (3299)

Palamocladium schoanum Müll.Hal., *nom. nud.* Excluded: see (3299).

Palamocladium sericeum (A.Jaeger) Müll.Hal. = *Palamocladium leskeoides* (3299)

Palamocladium sericeum var. *afrostriatum* Müll.Hal. = *Palamocladium leskeoides* (3299)

Palamocladium subsericeum Broth. & Paris = *Homalothecium nilgheriense* [1848: 521] (= *Palamocladium leskeoides*)

Pancovia denticulata (Hedw.) Kickx = *Plagiothecium denticulatum* [1521]. Note: see under *Plagiothecium denticulatum*.

Pancovia myosuroides (Brid.) Kickx = *Isothecium myosuroides* [1521]. Note: although *Index Muscorum* records this taxon for sub-Saharan Africa, no accepted records are available.

Pancovia plumosa (Hedw.) Piré = *Brachythecium plumosum* [1521]

Pancovia populea (Hedw.) Piré = *Brachythecium populeum* [1521]

Pancovia rivularis (Hedw.) Piré = *Brachythecium rivulare* [1521]

Pancovia rusciformis Kickx, *nom. illeg. incl. spec. prior.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)

Pancovia salebrosa (F.Weber & D.Mohr) Piré = *Brachythecium salebrosus* [1521]

Pancovia tenella (Dicks.) Piré = *Rhynchostegiella tenella* [1521]

Papillaria (Müll.Hal.) Lorentz. Note: this genus has been made a synonym of *Meteorium* Dozy & Molk, *emend.* Fleisch, by Buck (2759), but he made no transfers of names and mentioned problems with the typification of *Meteorium*. For the time being, no new combinations have been made here.

Papillaria acinacifolia* Besch. MAU(105).**Papillaria africana* (Müll.Hal.) A.Jaeger ANG(46), COM(40), ETH(111),**

KEN(46,2661,3412,4112,5315,6614,7065), MAU(105), MDG(40), MLW(67),

REU(105,3410), SAF(1531,3411,4897,7766,8328), SEY(1941,2353), SWZ(1531),

TAN(46), UGA(46), ZAM(411), ZIM(46,61).

Papillaria africana fo. *pinnata* Dixon ex Tosco & Piovano. Excluded: any records for this form have been associated with the owning species.

Papillaria africana* var. *flagellacea* Bizot TAN(46).**Papillaria africana* var. *gracilis* (Renauld & Cardot) Wijk & Margad. MDG(40).**

- Papillaria africana* var. *natalensis* Rehmman ex Paris, *nom. nud.* = *Papillaria africana* [1911: 392]
Papillaria africana var. *rupestris* Müll.Hal. ex Paris, *nom. nud.* = *Papillaria africana* [1911: 392]
Papillaria africana var. *tenuis* Müll.Hal. ex Dixon & A.Gepp, *nom. nud.* = *Papillaria africana* [1911: 392]
Papillaria ankaratrensis Kiaer ex Grandid. = *Papillaria africana* [1848: 353]
Papillaria ankeriensis Kiaer ex Renauld = *Papillaria africana* [1848: 353]
Papillaria appendiculata Renauld & Cardot = *Trachypus appendiculatus* [1521]

***Papillaria bazzacoi* Tosco & Piovano TAN(46).**

- Papillaria bicolor* (Reinw. & Hornsch.) A.Jaeger = *Trachypus bicolor* [1521]
Papillaria boiviniana Besch. = *Papillaria africana* [4692: 349]
Papillaria boiviniana var. *gracilis* (Renauld & Cardot) Paris = *Papillaria africana* var. *gracilis* [1521]
Papillaria boiviniana var. *macrotris* (Renauld) Paris = *Papillaria africana* [1848: 353]
Papillaria boivini Renauld, *nom. illeg. incl. spec. prior.* = *Papillaria africana* [4692: 349]
Papillaria boivini var. *gracilis* Renauld & Cardot in Renauld = *Papillaria africana* var. *gracilis* [1521]
Papillaria boivini var. *macrotris* Renauld = *Papillaria africana* [1848: 353]

Papillaria borchgrevinkii* Kiaer MDG(40), TAN(46).**Papillaria breviculifolia* Müll.Hal. TAN(46).**

- Papillaria cameruniae* Müll.Hal. ex Dusén = *Floribundaria cameruniae* [1521]
Papillaria capensis (Müll.Hal.) Aongstr. = *Aerobryopsis capensis* [1521]
Papillaria cirrifolia (Schwaegr.) A.Jaeger = *Aerobryopsis cirrifolia* [1521]

***Papillaria crocea* (Hampe) A.Jaeger SOC(7173).**

- Papillaria diversifolia* Renauld & Cardot = *Floribundaria diversifolia* [1521] (= *Floribundaria vaginans*)
Papillaria filifunalis Müll.Hal. = *Papillaria africana* (7168)
Papillaria fiorini-mazzantiae Paris, *nom. nud., orthog. err.* Excluded: no description or specimen available - see *Pilotrichella fiorini-mazzantiae*.

***Papillaria flaccidula* Cardot MDG(40).**

- Papillaria floribunda* (Dozy & Molk.) Müll.Hal. = *Floribundaria floribunda* (1519: 583)
Papillaria fulvastra Besch. = *Floribundaria floribunda* [2737: 820]
Papillaria hispida (Müll.) A.Jaeger = *Trachypus bicolor* var. *hispidus* [1521]
Papillaria jumboana Müll.Hal. ex Dusén = *Floribundaria jumboana* [1521] (= *Floribundaria vaginans*)
Papillaria laeta Renauld & Cardot = *Trachypus bicolor* var. *viridulus* (344)
Papillaria macrotris Müll.Hal., *nom. nud.* = *Papillaria africana* [1848: 353; 40: 227]
Papillaria mauritiana Renauld, *nom. nud.* = *Papillaria africana* [4692: 349; 40: 227]
Papillaria moenkemeyeri (Müll.Hal.) Paris = *Pilotrichella moenkemeyeri* [1521]
Papillaria molleri Müll.Hal. = *Trachypus molleri* [1521] (= *Trachypus bicolor* var. *viridulus*)
Papillaria natalensis Sim = *Trachypus bicolor* var. *viridulus* (1519: 563)
Papillaria nitidula Rehmman ex Kindb., *nom. nud.* = *Floribundaria floribunda* [1911: 394]
Papillaria nodicaulis (Müll.Hal.) A.Jaeger = *Trachypodopsis serrulata* var. *serrulata* [5492: 67]
Papillaria octodicerias (Müll.Hal.) Kindb. = *Floribundaria octodicerias* [1521] (= *Floribundaria vaginans*)
Papillaria patentissima Besch. = *Floribundaria patentissima* (1521)

***Papillaria perichaetialis* (Hampe) A.Jaeger MDG(40).**

- Papillaria pintasiana* Müll.Hal. ex Paris, *nom. nud.* = *Trachypodopsis serrulata* var. *serrulata* [10: 832]
Papillaria pintoriana Müll.Hal. ex Paris, *nom. nud.* = *Trachypodopsis serrulata* var. *serrulata* [10: 832]
Papillaria pseudocapensis Ångstr. = *Aerobryidium subpiligerum* [1848: 357] (= *Aerobryopsis capensis*)
Papillaria pseudofulvastra Müll.Hal. = *Floribundaria patentissima* [7718: 302] (= *Floribundatis vaginans*)
Papillaria pseudofulvastra var. *squarrosa* Renauld & Cardot = *Floribundaria patentissima* var. *squarrosa* [1521] (= *Floribundaria vaginans*)

***Papillaria renauldii* Besch. MAU(105).**

- Papillaria robillardii* Müll.Hal. ex Besch. = *Floribundaria floribunda* [1848: 359,360; 7168]
Papillaria rutenbergii Müll.Hal. ex Geh. = *Trachypodopsis serrulata* [10: 832; 1848: 366]
Papillaria scariosa (Müll.Hal.) Broth. = *Antitrichia curtispindula* [3097: 282]
Papillaria serpentina Müll.Hal. = *Papillaria africana* (7168)
Papillaria serrulata (P.Beauv.) A.Jaeger = *Trachypodopsis serrulata* var. *serrulata* (1521)
Papillaria subpiligera (Hampe) Besch. = *Aerobryidium subpiligerum* [1521] (= *Aerobryopsis capensis*)
Papillaria tanganyikae Broth. ex Paris, *nom. nud.* Excluded: an undescribed collection from western Tanzania.
Papillaria vaginans (Welw. & Duby) A.Gepp in Hiern. = *Floribundaria vaginans* (1521)
Papillaria viridula (Mitt.) A.Jaeger = *Trachypus viridulus* [1521] (= *Trachypus bicolor* var. *viridulus*)

Papillidiopsis complanata* (Dixon) W.R.Buck & B.C.Tan UGA(4015,4282).**Papillidiopsis mahensis* (Besch.) O'Shea SEY(1941,1946,2195,2328,2353,4015).*****Paraleucobryum longifolium* ssp. *brasiliense* (Broth.) P.Mueller & J.-P.Frahm ZAI(65,5319).**

- Paraleucobryum populeum* (Hedw.) Loeske = *Brachythecium populeum* [1521]

***Pelekium chenagonii* (Müll.Hal. ex Renauld & Cardot) Touw BIO(8180), BUR(32,65),**

CAF(32), CMN(32), COM(32,40), GAB(32), GUI(32), IVO(32), KEN(46,2661), MDG(32,40), MLW(6087), MOZ(46), NGA(5176,5745), RWA(65), SIE(32), TAN(46), UGA(46), ZAI(32,65,5319,5320), ZAM(411), ZIM(46).

Pelekium contortulum (Mitt.) Touw TAN(6647), UGA(6647).

Pelekium gratum (P.Beauv.) Touw ANG(32), ANN(32), BEN(6128), BIO(32,2662), BKN(32), BUR(32), CAF(32), CMN(32), COM(32,40,6647), CON(32), GAB(32), GHA(32), GNB(32), GUI(32,1458), IVO(32,1458,1880), LBR(32), MDG(32,40,6647), MLI(32), MLW(67), NGA(32,334,5148,5176,6263), RIM(4639), SEN(32), SEY(22,2353), SIE(32,3216), SUD(32,3076), TAN(32), TOG(1878,2851), UGA(32), ZAI(32,65,5319).

Pelekium intricatum (A.Jaeger) Touw BIO(8180), BUR(32), CMN(32), MDG(6908), RWA(32), UGA(4282), ZAI(32,5319).

Pelekium investe (Mitt.) Touw ANG(46), BIO(32), CAF(32), CMN(32), COM(32,40,6647), GAB(32), GUI(32), IVO(63), MDG(32,40,6647,6908), NGA(32), RIM(4639), TOG(2851), ZAI(32,5319).

Pelekium minusculum (Mitt.) Touw MLW(6647), TAN(6647).

Pelekium ramusculosum (Mitt.) Touw ANG(46), BIO(32), CMN(32), GUI(32), KEN(46,5315), MDG(32,40), MLW(67,6087), RWA(65), SAF(32,1531,8328), TAN(46), UGA(46), ZAM(46,62), ZIM(46).

Pelekium varians (Welw. & Duby) Touw ANG(46), BIO(2662), BUR(32), CAF(32), CMN(32), COM(32,40), GAB(32), GHA(32), GUI(32,5041), IVO(32,1880), KEN(6614), MDG(32,40), MLW(67,6087), MOZ(46), NGA(334), RIM(4639), RWA(65), SAF(32,1531,8328), SIE(32,3216), SUD(32,3076), SWZ(32,1531), TAN(46), TOG(58,1878,2851), UGA(46), ZAI(32,5319), ZAM(62,411).

Pelekium velatum Mitt. BUR(2741), TAN(46,6647).

Pelekium versicolor (Müll.Hal.) Touw CMN(32,6647), ETH(111), KEN(46,6614,7065), LES(32), MDG(32,40,6647), MLW(67,6087), REU(32,287,3410,6647), RWA(32,65), SAF(32,1531,4897,7766,8328), TAN(46), UGA(46), ZAI(32,65,5319,5320), ZAM(46), ZIM(46).

Perisiphorus ciliatus (Hedw.) P.Beauv. = *Hedwigia ciliata* [1521]

Perssonia sanguinea Bizot CVI(2666,6453).

Phasconica tisserantii P.de la Varde = *Trichostomum unguiculatum* (1420)

Phascum alternifolium (Dicks.) Hedw. = *Archidium alternifolium* (1521) (= *Archidium ohioense*)

Phascum artragonum Harv. ex J.Shaw, *nom. inval. err.* = *Phascum tetragonum* [1521] (= *Tetrapterum tetragonum*)

Phascum brevipes (Hook.) Schwaegr. = *Bruchia brevipes* [1521]

Phascum bulbosum var. *muticum* (Hedw.) De Not., *nom. illeg. prior. ut spec.* = *Acaulon muticum* [1521]. Excluded: see *Phascum muticum*.

Phascum capense Spreng. ex Müll.Hal., *nom. nud. in synon.* = *Pleuridium nervosum* [1521]

Phascum decipiens Dicks, ex Paris, *err.* = *Phascum alternifolium* [1521] (= *Archidium alternifolium*). Excluded: see *Archidium alternifolium*.

Phascum elegans Hornsch. = *Bruchia brevipes* [8020: 92; 8320: 313]

Phascum exiguum Hook.f. & Wilson = *Eccremidium exiguum* (82: 89)

Phascum kilimandscharicum (Müll.Hal.) Broth. = *Bryum kilimandscharicum* (Müll.Hal.) R.H.Zander, *hom. inval.* (1420).

Note: there is already a *Bryum kilimandscharicum* Broth., which is a synonym of *Bryum algovicum* var. *rutheanum* (23). This species, recorded for Tanzania by Kis (46), is thus provisionally excluded.

Phascum leptophyllum Müll.Hal. = *Chenia leptophylla* (1420)

Phascum muticum Hedw. = *Acaulon muticum* [1521]. Excluded: *Index Muscorum* lists this taxon for sub-Saharan Africa, but no records have been found.

Phascum nervosum Hook. = *Pleuridium nervosum* (82: 86)

Phascum peraristatum Müll.Hal. KEN(411), SAF(1531,8328).

Phascum splachnoides Hornsch. = *Pottia splachnoides* (82: 208) (= *Tortula splachnoides*)

Phascum tetragonum Hook. = *Tetrapterum tetragonum* [1521; 82: 250]

Philonotis africana (Müll.Hal.) Rehmman ex Paris MLW(67), SAF(1531,4418,8328), SWZ(1531), ZAM(46,62), ZIM(61).

Philonotis afroacuminata Paris, *nom. inval. err.* = *Philonotis afro-uncinata* [1521] (= *Philonotis dregeana*)

Philonotis afrocapillaris Dixon in Sim = *Philonotis comosa* (7468: 35)

Philonotis afrofontana (Müll.Hal.) Paris = *Philonotis falcata* (83: 430)

Philonotis afrofontana var. *brevisetata* (Müll.Hal.) Paris = *Breutelia substricta* (83: 437)

- Philonotis afrofontana* var. *gracilescens* (Müll.Hal.) Paris = *Philonotis dregeana* (83: 425)
Philonotis afrouncinata (Müll.Hal.) Paris = *Philonotis dregeana* (83: 425)
- Philonotis amblystegioides*** Demaret & P.de la Varde ZAI(65).
Philonotis androgyna (Hampe) A.Jaeger = *Philonotis dregeana* (83: 425)
Philonotis angustiretis Broth. in Lindau, *nom. nud.* Excluded: an undescribed collection from Rwenzori Mts, Uganda [22: 72; 46: 76].
Philonotis angustiuscula Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 86) from Cameroon.
Philonotis annobonense Broth. in Mildbr., *nom. nud.* = *Philonotis uncinata* var. *glaucescens* (4930)
Philonotis arbuscula Paris, *nom. inval. err.* = *Philonotis arbusculacea* [1521]
- Philonotis arbusculacea*** (Müll.Hal.) A.Jaeger SUD(3076).
Philonotis argillicola Renauld & Cardot ex Broth., *nom. nud.* = *Philonotis imbricatula* [1848: 309] (= *Philonotis hastata*)
- Philonotis baginsensis*** (Müll.Hal.) A.Jaeger SUD(3076).
Philonotis basaltica Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 436) from Cameroon.
- Philonotis bescherellei*** Thér. REU(105,4097).
Philonotis boschbergiana Müll.Hal. ex Kindb. = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)
- Philonotis brevicuspis*** Broth. CAF(47), CMN(47), ZAI(65,1552).
Philonotis brevicuspis var. ***perobtusata*** P.de la Varde CAF(47).
Philonotis byssiformis Müll.Hal. MDG(40).
Philonotis caespitans Paris = *Philonotis imbricatula* [1848: 307] (= *Philonotis hastata*)
- Philonotis caespitosa*** Wilson ex Milde LES(7468), SAF(7468,8328), SUD(6417).
Philonotis calcarea (Bruch & Schimp.) Schimp. CVI(6453).
Philonotis cavifolia Sim, *nom. nud. in synonym.* = *Philonotis obtusata* [1911: 308]
- Philonotis cernua*** (Wilson) D.G.Griffin & W.R.Buck BIO(47), CMN(47).
Philonotis comorensis (Müll.Hal.) A.Jaeger = *Philonotis hastata* [2737: 616; 40: 217]
- Philonotis comosa*** (Broth.) D.G.Griffin & W.R.Buck SAF(1531,7468,7766,8328).
Philonotis conostomoides Ochyra KEN(46,5315).
Philonotis crystallina Paris, *nom. nud.* Excluded: an undescribed specimen from Madagascar (*Hildebrandt* 2056).
Philonotis curvifolia Besch. = *Philonotis hastata* [2584: 480]
- Philonotis curvula*** (Müll.Hal.) Kindb. KEN(46).
Philonotis delagoae (Müll.Hal.) Paris. Excluded: type of basionym (*Bartramia delagoae*) not located (83: 418).
- Philonotis dregeana*** (Müll.Hal.) A.Jaeger BOT(1531), CAF(47), CHA(4508), LES(1531,4897), NAM(1531,7155), SAF(1531,7766,8328), SUD(3076,6417), SWZ(1531), TAN(46), ZAI(65), ZIM(46,61).
Philonotis dregei Müll.Hal. ex Kindb., *nom. illeg. incl. spec. prior.* = *Philonotis dregeana* [1521]
- Philonotis falcata*** (Hook.) Mitt. BOT(1531), LES(1531,4897,7468), MLW(67), NAM(1531,7155), RWA(65), SAF(1531,7468,7766,8328), ZAI(65), ZAM(62), ZIM(61).
Philonotis filamentosa Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 511) from Cameroon.
- Philonotis flaccidifolia*** (Mitt.) Paris ROD(105).
Philonotis flavinervis (Müll.Hal.) Kindb. BIO(47).
Philonotis floribundaria Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén* 94) from Cameroon.
- Philonotis fontana*** (Hedw.) Brid. CVI(2666), ETH(50), KEN(46,5315,6615,7065), STH(1296,4202,5331), TAN(46), UGA(46), ZAI(65).
Philonotis fontana ssp. *marchica* (Hedw.) Boulay = *Philonotis marchica* [1521]
- Philonotis fugacissima*** Paris GUI(47).
Philonotis gemmascens (Müll.Hal.) Kindb. TAN(46), ZAI(65).
Philonotis globosa (Müll.Hal.) D.G.Griffin & W.R.Buck LES(1531,4897), SAF(1531,8328), TAN(46), UGA(46), ZAM(46), ZIM(46,61).
Philonotis gracilescens Kindb. ex H.Möller, *nom. inval. in synonym. err.* = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)
Philonotis gracilescens Müll.Hal. ex Kindb., *nom. nud.* = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)
- Philonotis gracilescens*** Schimp. in C.H.Wright MAU(105), REU(105).
Philonotis hastata (Duby) Wijk & Margad. ANG(46), BKN(47), BOT(1531), CAF(47), CHA(51,4480,4507), CMN(47), COM(40), CVI(2666,6453), ETH(111), GAB(47), GHA(47), IVO(47), KEN(46), LES(1531,4897), MDG(40), MLW(67), MOZ(357), MTN(6996), NGA(334,5148,5176,6263), REU(105), RWA(65), SAF(1531,8328), SEY(1926,2353), SIE(47), SUD(6417), SWZ(1531), TAN(46), TOG(1878), UGA(46),

- ZAI(65,1552,7863), ZIM(46,61).
Philonotis hastata var. *gemmiclada* P.de la Varde, *nom. nud.* Note: this taxon, recorded only for Cape Verde Is., is treated by Frahm *et al.* (2666) as a synonym of *Philonotis hastata*.
Philonotis heleniana (Mitt.) Herzog = *Philonotis fontana* [25: 3: 374]
- Philonotis helenica*** (Besch.) Paris STH(1296,2322).
Philonotis heterophylla Mitt. = *Philonotis hastata* (3447)
Philonotis hymenodon (Müll.Hal.) A.Jaeger = *Philonotis scabrifolia* (83: 431)
Philonotis hyophila Rehmann ex Dixon & A.Gepp, *nom. nud.* Excluded: an undescribed collection (Rehmann 195) from South Africa.
Philonotis imbricatula Mitt. = *Philonotis hastata* [2737: 2: 616]
Philonotis imbricatula var. *gemmiclada* P.de la Varde = *Philonotis hastata* (47: 499)
Philonotis imbricatula var. *synoica* Thér. = *Philonotis hastata* [40: 217]
- Philonotis incrassata*** (Müll.Hal.) Kindb. ANG(46).
Philonotis jungneri Broth. CMN(47), ZAI(65).
Philonotis laeviuscula Dixon ZIM(46).
Philonotis latiuscula Paris, *nom. nud.* Excluded: an undescribed specimen (Dusén 96) from Cameroon.
Philonotis laxissima (Müll.Hal.) Mitt. = *Philonotis hastata* [2584: 480]
- Philonotis le-testui*** P.de la Varde CAF(47).
Philonotis luteoviridis Besch. = *Philonotis mauritiana* [1848: 311]
- Philonotis marangensis*** Broth. KEN(46), TAN(46), ZAI(65).
Philonotis marangensis Broth. = *Philonotis hastata* [1911: 307]
Philonotis maranguensis Broth. in Engl., *nom. nud.* = *Philonotis hastata* [1911: 307]
- Philonotis marchica*** var. *marchica* (Hedw.) Brid. CVI(2666,6453), MLI(51), SUD(1419,6417).
Philonotis mauritiana Ångstr. MAU(105), MDG(40), REU(105), SEY(2353), TAN(46), UGA(46).
Philonotis mauritiana var. *gemmiclada* Broth. ZAI(65).
Philonotis mauritiana var. *stricta* Renauld & Cardot MDG(40).
Philonotis microthamnia Broth. CAF(47), CMN(47), CON(47), GAB(47), IVO(1880), KEN(46), UGA(46), ZAI(65).
Philonotis mnelabiensis Thér. & P.de la Varde GAB(47), ZAI(65).
Philonotis mniobryoides Broth. BEN(4302), CAF(47), CMN(47), GAB(47), IVO(1458), TOG(1878), ZAI(65).
Philonotis mniobryoides var. *angustifolia* Thér. & P.de la Varde GAB(47), GHA(47), ZAI(65).
Philonotis molmonica Rehmann ex Geh., *nom. nud.* = *Philonotis afrofontana* [1911: 310] (= *Philonotis falcata*)
- Philonotis nanothecia*** (Müll.Hal.) Kindb. BEN(47), CAF(47), SAO(47), TOG(1878), ZAI(65).
Philonotis nanothecioidea Paris & Broth. CAF(47), CVI(2666,6453), GAB(47), GUI(47).
Philonotis natalensis Rehmann ex Dixon & A.Gepp = *Philonotis androgyna* [1911: 307] (= *Philonotis dregeana*)
- Philonotis niamniamiae*** (Müll.Hal.) A.Jaeger SUD(3076).
Philonotis obtusata Müll.Hal. ex Renauld & Cardot = *Philonotis hastata* (2666)
Philonotis oraniae Rehmann ex Geh., *nom. nud.* = *Philonotis afrofontana* [4378: 93] (= *Philonotis falcata*)
Philonotis oranica Paris, *nom. nud. err.* = *Philonotis oraniae* [1521] (= *Philonotis falcata*)
- Philonotis papillarioides*** Müll.Hal. in Büttner ZAI(6152).
Philonotis pechuelii (Müll.Hal.) Kindb. CAF(47), ZAI(65).
Philonotis penicillata C.H.Wright ASC(1296,5340).
Philonotis perconferta Broth. CMN(47).
Philonotis pergracilis Broth. ASC(5329,5340).
Philonotis perigonalis Besch. REU(105).
Philonotis perigonalis fo. *procerior* Besch. Excluded: any records for this form have been associated with the owning species.
Philonotis permana (Müll.Hal.) Paris = *Philonotis androgyna* [1911: 306] (= *Philonotis dregeana*)
Philonotis permana (Müll.Hal.) Paris = *Philonotis dregeana* (83: 425)
- Philonotis perpustakaan*** Cardot MDG(40).
Philonotis perrieri Thér. MDG(40).
Philonotis plana Dixon & Herzog UGA(46).

Philonotis platyneura P.de la Varde TAN(46), UGA(46).*Philonotis polyclados* Besch. ex Grandid., *nom. nud. in synonym.* = *Philonotis mauritiana* [1848: 311]*Philonotis pulchella* Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Breutel, s.n.*) from the Cape, South Africa. An annotation by Gepp suggests that this is a synonym of *Philonotis dregeana*.***Philonotis pungens*** (Mitt.) Mitt. ROD(105,4931), SOC(40,2374,5613).***Philonotis pygmaeola*** Müll.Hal. SUD(3076).***Philonotis rigida*** Brid. CVI(1296,2666,6453).*Philonotis rigida* var. *eurigida* Kab. = *Philonotis rigida* [1521]***Philonotis ruwenzorensis*** Thér. & Naveau TAN(46), UGA(46), ZAI(65).***Philonotis scabrifolia*** (Hook.f. & Wilson) Braithw. LES(1531,4897), REU(4928), SAF(1531,4897,8328).***Philonotis schroederi*** Broth. TAN(46).*Philonotis stenodictyfolia* Müll.Hal. ex Kindb., *nom. nud.* Excluded: no specimen or description is associated with this name.*Philonotis simplex* (Müll.Hal.) A.Jaeger = *Philonotis dregeana* [1911: 311]***Philonotis soulii*** Thér. & P.de la Varde KEN(46).***Philonotis sparsifolia*** (Hampe) A.Jaeger KEN(46), MDG(40).***Philonotis speiophylla*** Dixon KEN(46).***Philonotis spongiosa*** (Welw. & Duby) A.Gepp in Hiern ANG(46).*Philonotis stenodictyon* Renaud & Cardot = *Breutelia stenodictyon* [1521] (= *Breutelia microdonta*)*Philonotis stenodictyon* var. *patentissima* Renaud & Cardot = *Breutelia sclerodictya* [1848: 315] (= *Breutelia microdonta*)***Philonotis strictula*** Cardot CAF(47), CMN(47), GAB(47), IVO(1458), SIE(47), UGA(46), ZAI(65).*Philonotis subcaespitans* Müll.Hal. ex Grandid., *nom. nud. in synonym.* = *Philonotis mauritiana* [1848: 311]*Philonotis subcapillaris* Paris, *nom. illeg. incl. spec. prior.* = *Philonotis mniobryoides* [1521]*Philonotis subcordata* Rehmann ex Geh., *nom. nud.* = *Breutelia aristaria* [4378: 93] (= *Bartramia aristaria*)*Philonotis subcurvula* Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 435*) from Cameroon.*Philonotis subexigua* (Müll.Hal.) Kindb. = *Philonotis scabrifolia* [7601: 19]***Philonotis submarchica*** Besch. REU(105).***Philonotis submarchica*** var. *plumosa* Renaud & Cardot REU(105).***Philonotis subolescens*** (Müll.Hal.) Paris ASC(1296,5334,5340).***Philonotis subsimplex*** Broth. & Paris MLI(47).*Philonotis tenuicaulis* A.Jaeger, *nom. illeg.* = *Philonotis hastata* [4097: 61; 40: 217]*Philonotis tenuicula* (Hampe) Besch. = *Philonotis hastata* [4097: 61; 40: 217]***Philonotis tomentella*** Mol. KEN(46), RWA(65), TAN(46), ZAI(65).*Philonotis tomentosa* (Brid.) Brid. = *Breutelia tomentosa* [1521]*Philonotis transvaaloalpina* (Müll.Hal.) Broth. Excluded: see *Bryum transvaaloalpina*.***Philonotis trichodonta*** (Müll.Hal.) Kindb. SAO(47).***Philonotis tricolor*** (Müll.Hal.) Kindb. TAN(46).***Philonotis uncinata*** var. *glaucescens* (Hornsch.) Florsch. ANN(47).***Philonotis usambarica*** Broth. TAN(46).***Philonotis vagans*** Hook.f. & Wilson SAF(1531,8328).***Philonotis vanderystii*** Cardot CAF(47), CMN(47), ZAI(65).*Philonotis wilsonii* (Bruch, Schimp. & W.Gümbel) Mitt. = *Bartramidula cernua* (47: 498) (= *Philonotis cernua*)*Philonotis woodii* Rehmann ex Kindb., *nom. nud.* = *Philonotis afrofontana* [1911: 310] (= *Philonotis falcata*)*Philonotis zuluensis* Broth. & Bryhn = *Philonotis hastata* (83: 427)*Philonotula angustiuscula* Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén 86*) from Cameroon.*Philonotula basaltica* Müll.Hal., *nom. nud.* Excluded: an undescribed specimen (*Dusén 436*) from Cameroon.*Philonotula brevicuspis* Müll.Hal. ex Paris, *nom. nud.* = *Philonotis brevicuspis* [1521]*Philonotula caespitans* Müll.Hal. ex Paris, *nom. nud.* = *Philonotis imbricatula* [1848: 307] (= *Philonotis hastata*)*Philonotula capillaris* Müll.Hal. ex Paris, *nom. nud.* = *Philonotis mniobryoides* [6793: 268]*Philonotula capillaris* Müll.Hal. ex Paris, *nom. nud.* = *Philonotis mniobryoides* [6793: 268]*Philonotula curvula* Müll.Hal., *nom. nud.* Excluded: an undescribed specimen (*Dusén 435*) from Cameroon.*Philonotula filamentosa* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 511*) from Cameroon.*Philonotula floribundaria* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 94*) from Cameroon.*Philonotula helenica* Besch. = *Philonotis helenica* [1521]*Philonotula latiuscula* Müll.Hal., *nom. nud.* Excluded: an undescribed specimen (*Dusén 96*) from Cameroon.*Philonotula microthamnia* Müll.Hal. ex Paris, *nom. nud.* = *Philonotis microthamnia* [1521]

- Philonotula perconferta* Müll.Hal. ex Paris, *nom. nud.* = *Philonotis perconferta* [1521]
Philonotula subcapillaris Müll.Hal. ex Paris, *nom. inval. in synon. err.* = *Philonotula capillaris* [1521] (= *Philonotis mniobryoides*)
- Phyllodon perplanicaulis*** (Broth.) Kis BIO(8180), CAF(47), CMN(47), GAB(47,6809), REU(6809), UGA(7981), ZAI(6809).
Phyllodon perplanicaulis (Broth.) Kis. Note: this taxon appears to belong to *Taxiphyllum* rather than *Phyllodon*.
- Phyllodon scutellifolius*** (Besch.) W.R.Buck MDG(40,6309).
Phyllodon truncatulus (Müll.Hal.) W.R.Buck. Note: see under *Phyllodon truncatus*.
- Phyllodon truncatulus*** (Müll.Hal.) W.R.Buck ANG(46,4281), BIO(2662,4281), CAF(47), CMN(47), CON(47), GAB(47), IVO(1880,2733), MDG(40), REU(7981), RIM(4639), TOG(1878), UGA(4281,4282,7981), ZAI(65,5319).
Phyllodon truncatus (Welw. & Duby) W.R.Buck. Note: this taxon has caused some confusion, with some authors treating all African collections as *Phyllodon truncatus* (4281), others all as *Phyllodon truncatulus* (Müll.Hal.) W.R.Buck (the earlier name), and others using both names (6809). Until this is resolved all collections are listed here under the earliest name.
- Phylloprepanium falcifolium* (Schwägr.) Crosby. Excluded: excluded from Africa by Crosby (5474), endorsed by O'Shea & Ochyra (5546).
Phyllogonium callichroum Brid. ex Besch., *nom. nud. in synon.* = *Phyllogonium viscosum* [2195: 270]
Phyllogonium chevalieri Corb. = *Calypothecium planifrons* (1)
- Phyllogonium fulgens* var. *fulgens*** (Hedw.) Brid. REU(105,348).
Phyllogonium fulgens var. *viscosum* (P.Beauv.) Brid. = *Phyllogonium viscosum* [1521]
Phyllogonium longirostre (Brid.) Brid. = *Diplostichum longirostre* [1521] (= *Eustichia longirostris*)
- Phyllogonium viride*** Brid. REU(348).
Phyllogonium viscosum (P.Beauv.) Mitt. MAU(105), MDG(40), REU(105,348,1881,1925), SAF(348).
Phyllogonium viscosum fo. *viride* Besch. (var. *viride* (Besch.) Paris) = *Phyllogonium viride* (348)
Physcomitrella magdalenae De Sloover = *Physcomitrella patens* var. *magdalenae* (1677)
- Physcomitrella patens* ssp. *magdalenae*** (De Sloover) B.C.Tan BIO(8180), RWA(65), UGA(4282), ZAI(5319).
- Physcomitrellopsis africana*** Broth. & Wager in Dixon SAF(1531,8328), TAN(46).
Physcomitrium acuminatum Bruch & Schimp. = *Physcomitrium eurystomum* [2769]
Physcomitrium acuminatum var. *denticulatum* Rabenh. = *Physcomitrium eurystomum* [1521]
- Physcomitrium aubertii*** Besch. MAU(105).
Physcomitrium bergianus (Hornsch.) Müll.Hal. = *Funaria bergiana* (83: 323) (= *Entosthodon bergianus*)
Physcomitrium brachypodium Müll.Hal. = *Physcomitrium spathulatum* [1911: 293; 83: 318]
Physcomitrium breutelii Müll.Hal. = *Gigaspermum repens* [1911: 289; 83: 299]
- Physcomitrium bukobense*** (Broth.) Fife TAN(46).
Physcomitrium coarctatum Cardot MDG(40).
Physcomitrium curvipes Müll.Hal. = *Funaria curvipes* (1521) (= *Entosthodon curvipes*)
- Physcomitrium dilatatum*** Renauld & Cardot MDG(40).
Physcomitrium eurystomum Sendtn. KEN(46), MLW(67), TAN(46), UGA(46).
Physcomitrium flexifolium Mitt. STH(1296,4202,5331).
Physcomitrium harveyi Mitt. ex J.Shaw, *nom.nud.* Excluded: an undescribed collection.
Physcomitrium leptolimbatum Müll.Hal. = *Funaria limbata* (83: 321) (= *Entosthodon limbatus*)
Physcomitrium macleai Rehm ex Kindb. = *Physcomitrium spathulatum* [1911: 293]
- Physcomitrium mirabile*** (Broth. & Paris) R.H.Zander GUI(47).
Physcomitrium niloticum (Delile) Müll.Hal. CMN(7273), MOZ(46), NAM(7273), SAF(1531,8328), SUD(207,1707), ZAM(7273), ZIM(46,61).
Physcomitrium poculiforme Mitt. ex Dixon, *nom. nud. in synon.* = *Physcomitrium spathulatum* [5143: 334]
Physcomitrium rivale (Geh.) Broth. = *Funaria rhomboidea* (83: 237)
Physcomitrium rottleri (Schwägr.) Hampe ex Müll.Hal. = *Funaria rottleri* (83: 325) (= *Entosthodon rottleri*)
Physcomitrium schinzii (Geh.) Hampe ex Sim, *nom. inval. in synon.* = *Funaria schinzii* [1521] (= *Funaria rhomboidea*)
Physcomitrium sessile J.Shaw = *Physcomitrium spathulatum* var. *sessile* (83: 319)
Physcomitrium spathulatum var. *brevicollum* Müll.Hal. = *Physcomitrium spathulatum* (83: 318)
- Physcomitrium spathulatum* var. *sessile*** (J.Shaw) Magill SAF(1531,8328).
Physcomitrium spathulatum* var. *spathulatum (Hornsch.) Müll.Hal. KEN(46), MOZ(46), NAM(1531,7155), REU(5440), SAF(1531,8328), ZIM(46).
Physcomitrium sphaericum var. *eurystomum* (Sendtn.) Husn., *nom. illeg. incl. var. prior.* = *Physcomitrium eurystomum* [1521]
- Physcomitrium subspathulatum*** Thér. & Naveau RWA(65), ZAI(65,5319).

- Physcomitrium succulentum* Wager & C.H.Wright ex Broth., *nom. inval. err.* = *Funaria succuleata* (83: 321)
Physedium splachnoides (Hornsch.) Brid. = *Pottia splachnoides* [1521] (= *Tortula splachnoides*)
- Pilopogon africanus*** Broth. in Mildbr. BUR(65), KEN(411,3412,5315,6615,7065), NGA(5160), RWA(65), TAN(46), ZAI(65,5319).
Pilopogon africanus var. *kivuensis* P.de la Varde & Thér. = *Pilopogon africanus* (288)
Pilopogon fuscolutescens (Renauld & Cardot) Broth. = *Campylopus fuscolutescens* [1521] (= *Campylopus thwaitesii*)
Pilotrichella - Note: according to Allen & Magill [7683], most African taxa in *Pilotrichella* are likely to belong to *Orthostichella*. The only African taxa they accept are *Pilotrichella flexilis* and its form *nudiramulosa*, and *Pilotrichella mascarenica*. They made no new combinations in *Orthostichella*, and a revision of that genus is now required.
- Pilotrichella ampullacea*** (Müll.Hal.) A.Jaeger COM(40), ETH(1927), KEN(46,2661,3412,5315,7065), MLW(46,67), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(46).
Pilotrichella ankaratrensis Kiaer ex C.H.Wright, *nom. nud.* = *Renauldia hildebrandtielloides* [5540: 191; 40: 225]
- Pilotrichella attenuata*** Broth. TAN(46).
Pilotrichella bescherellei Kiaer ex Renauld & Cardot, *nom. nud.* = *Calyptothecium bescherellei* [1521]
Pilotrichella biformis (Hampe) Müll.Hal. ex Geh. = *Squamidium biforme* [1521] (= *Squamidium brasiliense*)
Pilotrichella biformis var. *congesta* Renauld & Cardot = *Squamidium biforme* var. *congesta* [1521] (= *Squamidium brasiliense*)
- Pilotrichella calomicra*** Broth. CMN(47), GUI(47), SAO(47).
Pilotrichella capillicaulis Kindb. KEN(46).
Pilotrichella chlorothrix Müll.Hal. = *Squamidium chlorothrix* [1521] (= *Squamidium brasiliense*)
Pilotrichella chrysonaura (Hampe ex Müll.Hal.) A.Jaeger = *Orthostichopsis subimbricata* [1848: 345]
Pilotrichella chrysonaura var. *viridis* Renauld & Cardot, *nom. nud.* = *Orthostichopsis subimbricata* (40: 226)
- Pilotrichella communis*** Müll.Hal. ex Dusén BIO(47,3414,3418), CMN(47), CON(47), GAB(47), GHA(47), GUI(47), IVO(47), NGA(5148,5160,5176), RIM(4639), SAO(47), SIE(47), TOG(1878,2851).
Pilotrichella conferta Renauld & Cardot = *Pilotrichella pandurifolia* (1519: 577) (= *Orthostichella pandurifolia*)
Pilotrichella cordata Broth. in P.de la Varde, *nom. nud.* Excluded: an undescribed collection (*leg. R.P. Wetzler*) from Kiswani, Tanzania [4261: 1057; 46: 97] and a subsequent collection from SW of Nairobi, Kenya [4368:11; 46: 97].
- Pilotrichella curvifrons*** Kindb. KEN(46).
Pilotrichella cuspidata Broth. = *Orthostichopsis subimbricata* [1848: 345]
- Pilotrichella cuspidata*** var. ***gracilescens*** Tosco & Piovano KEN(46).
Pilotrichella cuspidata var. *gracilescens* Tosco & Piovano. Note: the owning species of this variety has been synonymised with *Orthostichopsis subimbricata*. This variety also needs revision.
Pilotrichella debilinervis Renauld & Cardot = *Orthostichopsis debilinervis* [1521]
- Pilotrichella delicatula*** Broth. ex Mildbr. ZAI(3255).
Pilotrichella densiramea Broth. = *Squamidium brasiliense* (93)
Pilotrichella dusenii Paris, *nom. illeg. incl. spec. prior.* = *Pilotrichella muelleri* [1521]
Pilotrichella fiorini-mazzantiae Paris, *nom. nud.* Excluded: no description or specimen available.
- Pilotrichella flexilis*** (Hedw.) Ångstr. MAS(40), MDG(40,7683), TAN(46,7683).
Pilotrichella flexilis fo. ***nudiramulosa*** (Müll.Hal.) B.H.Allen & Magill MDG(7683).
Pilotrichella gracilicaulis Müll.Hal. ex Dusén CMN(47).
Pilotrichella grimaldii Renauld & Cardot MDG(40), TAN(46).
Pilotrichella guineensis Ångstr. in Müll.Hal. GUI(47,4098).
Pilotrichella hampeana Kiaer in Wright, *nom. nud.* = *Pilotrichella mascarenica* [1848: 352; 40: 228]
- Pilotrichella holstii*** Broth. MOZ(46), TAN(46).
Pilotrichella imbricata (P.Beauv.) Schwägr. = *Pilotrichella pentasticha* [7772: 42] (= *Orthostichella pentasticha*)
Pilotrichella imbricatula Müll.Hal. = *Pilotrichella isleana* [1848: 350] (= *Pilotrichella mascarenica*)
Pilotrichella imbricatula var. *exserta* Thér. = *Pilotrichella isleana* (40: 228) (= *Pilotrichella mascarenica*)
Pilotrichella imbricatula var. *nervosa* Renauld & Cardot = *Pilotrichella isleana* var. *nervosa* [1521]
- Pilotrichella incurva*** Broth. ANG(46).
Pilotrichella inflatifolia Müll.Hal. SAO(47).
Pilotrichella involutifolia (Mitt.) A.Jaeger = *Orthostichidium involutifolium* [1521]
Pilotrichella isleana Besch. = *Pilotrichella mascarenica* [7683: 59]
- Pilotrichella isleana*** var. ***nervosa*** (Renauld & Cardot) Cardot MDG(40).
Pilotrichella isleana var. *nervosa* and var. *virescens*. Note: these two varieties were not considered when the owning species was synonymised with *Pilotrichella mascarenica* [7683: 59]
- Pilotrichella isleana*** var. ***virescens*** Besch. REU(2195,2328).
Pilotrichella islei Besch. ex Kindb. *nom. inval.* = *Pilotrichella mascarenica* [7683: 59]

- Pilotrichella kuntzei* Müll.Hal. = *Pilotrichella pandurifolia* [4800: 209; 1519: 575] (= *Orthostichella pandurifolia*)
- Pilotrichella latiramea*** Müll.Hal. ex Dusén CAF(47), CMN(47), GAB(47), IVO(1880), KEN(46), NGA(5148,5176), TAN(46).
- Pilotrichella leptoclada*** Müll.Hal. CON(47), SAO(47).
- Pilotrichella lepto-eriolada* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 800*) from Cameroon.
- Pilotrichella leptopteridea* Müll.Hal., *nom. nud.* = *Pilotrichella ragazzii* (50: 236)
- Pilotrichella longinervis* Renault & Cardot = *Orthostichopsis longinervis* [1521]
- Pilotrichella mascarenica*** (Müll.Hal.) A.Jaeger ETH(50), KEN(46), MDG(40,7683), MLW(46,67), REU(105,3410,7683), TAN(46).
- Pilotrichella mauritiana* Paris, *nom. nud.* = *Papillaria africana* [4692: 349]
- Pilotrichella moenkemeyeri*** (Müll.Hal.) Kindb. NGA(47).
- Pilotrichella moenkemeyeri* Kindb. ex Paris, *nom. inval. err.* = *Pilotrichella moenkemeyeri* [1521]
- Pilotrichella muelleri*** Dusén BIO(2662), CMN(47).
- Pilotrichella obovata* Kiaer, *nom. nud.* = *Pilotrichella isleana* [1848: 350; 40: 228] (= *Pilotrichella mascarenica*)
- Pilotrichella panduraefolia* (Müll.Hal.) A.Jaeger (1877) = *Orthostichella pandurifolia* (1714)
- Pilotrichella panduraefolia* Müll.Hal. ex Dusén (1895), *hom. illeg.* = *Orthostichella pandurifolia* (1714)
- Pilotrichella pentasticha* (Brid.) Wijk & Margad. = *Orthostichella pentasticha* (1714)
- Pilotrichella percapillaris* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 654*) from Cameroon.
- Pilotrichella percordata* Broth. in P.de la Varde, *nom. nud.* Excluded: an undescribed collection from Nairobi, Kenya [5064: 53] and from Pare, Tanzania [5065: 11].
- Pilotrichella perrobusta* P.de la Varde = *Pilotrichella flexilis* [7683: 52]
- Pilotrichella phleoides*** (Brid.) A.Jaeger REU(105).
- Pilotrichella pilifolia* Dixon = *Orthostichopsis subimbricata* (6)
- Pilotrichella pinnatella* Broth. = *Orthostichopsis pinnatella* (2)
- Pilotrichella platyclada* Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 846*) from Cameroon.
- Pilotrichella porotrichoides* Paris, *nom. nud.* Excluded: an undescribed collection (*Sikora 14324*) from Madagascar.
- Pilotrichella profusicaulis*** Paris KEN(46), TAN(46), ZAI(65).
- Pilotrichella pseudo-imbricata*** (Müll.Hal.) A.Jaeger COM(40), MDG(40), MLW(67).
- Pilotrichella pseudo-imbricata*** var. *pallescens* (Müll.Hal.) Paris COM(40).
- Pilotrichella pseudo-imbricata*** var. *rufescens* (Müll.Hal.) Paris COM(40).
- Pilotrichella ragazzii*** Brizi ETH(50).
- Pilotrichella rehmannii* Müll.Hal., *nom. nud.* = *Squamidium rehmannii* [1521] (= *Squamidium brasiliense*)
- Pilotrichella sericea*** Kindb. KEN(46), TAN(46).
- Pilotrichella sordidoviridis*** Müll.Hal. ex Dusén CAF(47), CMN(47), CON(47), GAB(47), GHA(47), IVO(1458,1880), LBR(47), NGA(47,5148,5160,5176), RIM(4639).
- Pilotrichella sordidoviridis*** var. *dewevrei* Renault & Cardot ZAI(2672).
- Pilotrichella stuhlmannii*** Broth. KEN(46), TAN(46).
- Pilotrichella subbiformis* Renault & Cardot = *Erythrodonium subbiforme* [1521]
- Pilotrichella subimbricata* (Hampe) A.Jaeger = *Orthostichopsis subimbricata* (2)
- Pilotrichella subimbricata* var. *borbonica* Renault & Cardot in Renault = *Orthostichopsis subimbricata* var. *borbonica* [1521]
- Pilotrichella subimbricata* var. *flageyi* Renault & Cardot in Renault = *Orthostichopsis subimbricata* var. *flageyi* [1521]
- Pilotrichella sublivens* (Besch.) Paris = *Orthostichopsis sublivens* [1521]
- Pilotrichella subpanduraefolia*** Kindb. CMN(47), RIM(4639).
- Pilotrichella tenellula*** Paris TAN(46).
- Pilotrichella turgidellacea* Müll.Hal. ex Dusén = *Orthostichella turgidellacea* (1714)
- Pilotrichella welwitschii*** (Duby) A.Gepp in Hiern ANG(46).
- Pilotrichum antipyreticum* (Hedw.) Müll.Hal. = *Fontinalis antipyretica* [1521]
- Pilotrichum biforme* Hampe = *Squamidium biforme* [1521] (= *Squamidium brasiliense*)
- Pilotrichum capense* Mitt. ex J.Shaw, *nom. nud.* Excluded: an undescribed collection.
- Pilotrichum ciliatum* (Hedw.) Müll.Hal. = *Hedwigia ciliata* [1521]
- Pilotrichum denticulatum* P.Beauv. Excluded: Crosby (1565), in his monograph of this genus, finds it difficult to ascribe an identity to this moss (stated to be from Mauritius) as the original specimen is missing, but from the distribution of members of the genus, from the original description, and from comments of Palisot de Beauvois, Bridel and Müller, he concludes that it is unlikely to be a *Pilotrichum*.
- Pilotrichum distichum* (Hedw.) P.Beauv. = *Neckeropsis disticha* [1521]
- Pilotrichum exiguum* Müll.Hal. = *Cryphaea exigua* [1521] (= *Cryphaea jamesonii*)
- Pilotrichum foveolatum* (Mitt.) Hampe = *Neckeropsis foveolata* [1521]
- Pilotrichum hildebrandtielloides* Renault & Cardot = *Renauldia hildebrandtielloides* [1521]
- Pilotrichum limbatum* Hampe = *Rutenbergia limbata* [1521]

- Pilotrichum monbuttoviae* (Müll.Hal.) Kindb. = *Plagiothecium monbuttoviae* [1521]
Pilotrichum palmetorum Besch. ex Paris, *nom. nud. in synon.* = *Orthostichopsis debilinervis* [8298: 24]
Pilotrichum patentissimum Hampe = *Renauldia patentissima* [1521]
Pilotrichum pennatum (Hedw.) P.Beauv. = *Neckera pennata* [1521]
Pilotrichum perrottetii (Mont.) Müll.Hal. = *Erpodium perrottetii* [1521]
Pilotrichum protensum (Müll.Hal.) Müll.Hal. = *Cryphaea protensa* [1521]
Pilotrichum ragazzii Brizi = *Cryphaea ragazzii* [1521; 6614: 49]
Pilotrichum serrulatum P.Beauv. = *Trachypodopsis serrulata* var. *serrulata* (1519: 561)
Pilotrichum smithii (Dicks.) P.Beauv. = *Leptodon smithii* [1521]
Pilotrichum solitarium (Brid.) Müll.Hal. = *Jaegerina solitaria* [1521]
Pilotrichum stellatum Mitt. ex J.Shaw, *nom. nud.* Excluded: an undescribed collection.
Pilotrichum stoloniferum Müll.Hal. = *Jaegerina stolonifera* [1521; 1]
Pilotrichum tamariscinum Hampe = *Pinnatella tamariscina* [1521] (= *Homaliodendron piniforme*)
Pilotrichum truncatum P.Beauv. = *Neckeropsis disticha* [7306: 110]
Pinnatella africana (Welw. & Duby) Broth. = *Pinnatella minuta* (1830)
Pinnatella allamanoi Tosco & Piovano = *Porotrichum molliculum* (1300)
Pinnatella braunii (Broth.) M.Fleisch. = *Homaliodendron piniforme* (1300)
Pinnatella chalaropteris (Dusén) Broth. = *Homaliodendron piniforme* (1300)
Pinnatella chenagonii (Renauld & Cardot) M.Fleisch. ex Paris = *Pinnatella geheebii* var. *chenagonii* [1521] (= *Leptodon fuciformis*)
Pinnatella dupuisii (Renauld & Cardot) Broth. = *Pinnatella minuta* (1830)
Pinnatella engleri (Broth.) M.Fleisch. = *Pinnatella minuta* (1830)
Pinnatella flagellacea (Mitt.) Broth. ex Paris = *Homaliodendron piniforme* (1300)
Pinnatella fuciformis (Brid.) Touw ("*fuciforme*") = *Leptodon fuciformis* (301)
Pinnatella geheebii (Müll.Hal.) M.Fleisch. = *Pinnatella minuta* (1830)
Pinnatella geheebii var. *chenagonii* (Müll.Hal.) Cardot = *Pinnatella fuciformis* (40: 230) (= *Leptodon fuciformis*)
Pinnatella geheebii var. *regularis* (Renauld & Cardot) Renauld & Cardot = *Pinnatella geheebii* [7612: 223] (= *Pinnatella minuta*)
Pinnatella herpetineura (Besch.) Kindb. ex Paris = *Pinnatella minuta* (1830)
Pinnatella le-testui Thér. & P.de la Varde = *Pinnatella minuta* (1830)
Pinnatella lopidioides Broth. ex Paris, *nom. illeg. incl. spec. prior.* = *Pinnatella africana* [1521] (= *Pinnatella minuta*)
Pinnatella mariei (Besch.) Broth. = *Caduciella mariei* (780)
Pinnatella mayumbensis (Besch.) M.Fleisch. = *Homaliodendron piniforme* (1300)
Pinnatella minuta (Mitt.) Broth. ANG(46,1830), BIO(1830,2659,2662), CAF(47,1830), CMN(47,1830), COM(40,1830), CON(47,1830), GAB(47), GUI(47,1830), IVO(44,1830,1880), KEN(46,1830), MAU(1830), MDG(40,1830), MLW(2387), PRI(1830), REU(1830), RIM(4639), SAF(1531,1830,8328), SAO(47,1830), SIE(3216), TAN(46,1830), UGA(46,65,1830), ZAI(65,1830,3076,5319).
Pinnatella mixta (Müll.Hal.) Broth. ex Paris. Excluded: see note in Enroth 1994 (1830: 62)
Pinnatella mucronata (Bosch & Sande Lac.) M.Fleisch. SEY(1830,1926,2353).
Pinnatella oblongifrondea (Broth.) Broth. = *Pinnatella minuta* (1830)
Pinnatella pechuelii (Müll.Hal.) Broth. = *Pinnatella minuta* (1830)
Pinnatella revoluta Bizot = *Cryptoleptodon longisetus* (1830)
Pinnatella rotundifrondea (Müll.Hal.) M.Fleisch. = *Pinnatella minuta* [1830]
Pinnatella scaberula (Renauld & Cardot) M.Fleisch. = *Orthostichopsis scaberula* [1521]
Pinnatella stoloniramea (Müll.Hal. ex Dusén) Broth. ex Paris = *Homaliodendron piniforme* (1830)
Pinnatella tamariscina (Hampe) Broth. = *Homaliodendron piniforme* (1300)
Pinnatella usagara (Mitt.) Broth. = *Porotrichum usagarum* (299)
Pinnatella vignolo-lutatii Tosco & Piovano, *nom. inval.* = *Porotrichum elongatum* (1830)
Pirella filicina (Hedw.) Cardot. Excluded: it is unlikely that this neotropical taxon occurs in Africa (A.E. Newton, pers. comm.), and this 1827 record from Réunion (105) is thus suspect. It appears in Bridel (77: 2:257) amongst various neotropical records.
Pirella hanningtonii (Mitt.) Broth. = *Pterobryum flagelliferum* (1)
Plagiobryum laxum Demaret & P.de la Varde ZAI(65).
Plagiobryum piliferum P.de la Varde TAN(23,46).
Plagiobryum zieri (Hedw.) Lindb. LES(1531,4897), SAF(1531,4897,8328), ZIM(7623).
Plagiomnium cuspidatum (Hedw.) T.J.Kop. KEN(411,6615), UGA(46,1036).
Plagiomnium rhynchophorum var. *reidii* (Dixon) T.J.Kop. ETH(111), KEN(46,1036), LES(1036,1531,4897), RWA(65,1036), SAF(1036,1531,4897,7766,8328), TAN(46,1036), UGA(7353), ZAI(65,1036).
Plagiomnium rhynchophorum var. *rhynchophorum* (Hook.) T.J.Kop. BIO(47,2662,3414), CMN(47,1036), ETH(50,1036,1927), KEN(46,1036,2661,3412,5315,6615), MDG(40,1036), MLW(67,6087), REU(105,1036), RWA(65), SAF(3411), SAO(47),

- TAN(46,1036), UGA(46,1036), ZAI(65,1036,5319), ZAM(62), ZIM(46,61,1036).
Plagiomnium rostratum (Schrad.) T.J.Kop. *auct. afr.* = *Plagiomnium rhynchophorum* (1036)
- Plagiomnium undulatum*** (Hedw.) T.J.Kop. ETH(1336,1927).
Plagiopus oederi (Brid.) Limpr. = *Plagiopus oederianus* (6686: 636)
- Plagiopus oederianus*** (Sw.) H.A.Crum & L.E.Anderson LES(1074,1531), SAF(1531,8328).
Plagioracelopus marginatus (Mitt.) G.L.Sm. = *Pogonatum marginatum* (56: 39)
Plagiothecium alluaudii Thér. = *Plagiothecium mildbraedii* (46)
Plagiothecium aptychopsis (Müll.Hal.) Kindb. = *Isopterygium aptychopsis* [1521] (= *Isopterygium argyroleucum*)
Plagiothecium arboreum Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection of Breutel from Gnadenthal, Cape Peninsula, South Africa.
Plagiothecium austrodenticulatum Renauld & Cardot in Renauld = *Isopterygium austrodenticulatum* [1521]
- Plagiothecium capense*** Schimp. ex A.Jaeger ETH(50).
Plagiothecium corticola Ångstr. = *Sematophyllum corticolum* (1663)
Plagiothecium denticulatum (Hedw.) Bruch, Schimp. & W.Gümbel. Note: the presence of this species in sub-Saharan Africa is doubtful.
- Plagiothecium denticulatum*** var. *denticulatum* Bruch, Schimp. & W.Gümbel MAS(40).
Plagiothecium elaiadelphus Müll.Hal. ex Paris. Excluded: an undescribed collection (*Dusén 685*) from Cameroon.
Plagiothecium hendersonii Dixon = *Entodon dregeanus* (53: 24) (= *Entodon macropodus*)
Plagiothecium homalophyllum (Mitt.) A.Jaeger = *Taxithelium homalophyllum* [1521]
- Plagiothecium lamprostachys*** (Hampe) A.Jaeger LES(7984), SAF(7984).
Plagiothecium lucidum (Hook.f. & Wilson) Paris ETH(1927,5920).
Plagiothecium luteonitens Paris = *Isopterygium luteonitens* [1521]
- Plagiothecium membranosulum*** Müll.Hal. LES(4897), SAF(1531,7766,8328).
Plagiothecium mildbraedii Broth. RWA(46,65), TAN(46), UGA(46), ZAI(65).
Plagiothecium monbuttoviae (Müll.Hal.) A.Jaeger ZAI(3076).
Plagiothecium nanoglobum (Müll.Hal.) Kindb. = *Isopterygium nanoglobum* [1521]
- Plagiothecium neckeroideum*** var. *javense* M.Fleisch. ETH(1927).
Plagiothecium nitens Dixon BIO(8180), KEN(46,2661,3412,5315,7065), REU(3410), RWA(65), TAN(3410), ZAI(65).
Plagiothecium nitidifolium (Mitt.) A.Jaeger BIO(47), RWA(65), TAN(46).
Plagiothecium novo-granatense (Hampe) Mitt. UGA(6989).
Plagiothecium plumigerum Müll.Hal. ex Broth., *nom. nud. in synon.* = *Isopterygium plumigerum* [1521] (= *Ectropothecium plumigerum*)
Plagiothecium rhynchostegioides Müll.Hal. = *Isopterygium tenerum* [7706]
Plagiothecium selaginelloides Müll.Hal. = *Plagiothecium membranosulum* [1911: 431]
Plagiothecium sphagnadelphus Müll.Hal. = *Plagiothecium rhynchostegioides* [1911: 431] (= *Isopterygium tenerum*)
- Plagiothecium standleyi*** E.B.Bartram UGA(6989).
Plagiothecium subrhynchostegioides Broth. & Wager ex Dixon, *nom. nud. in synon.* = *Isopterygium brachycarpum* [4800: 218] (= *Ectropothecium brachycarpum*)
Platygyriella aureoides (Broth. & Paris) W.R.Buck = *Platygyriella densa* (47)
- Platygyriella densa*** (Hook.) W.R.Buck CAF(47), CVI(2666), GUI(47), NGA(334), ZAI(65), ZAM(46).
Platygyriella frahmii (W.R.Buck) Arikawa RWA(65).
Platygyrium afrum Müll.Hal. Excluded: see note under *Hypnum cupressiforme* var. *capense*.
Platygyrium brevicollum A.Jaeger, *nom. inval.* = *Trachyphyllum ferricola* [1521] (= *Trachyphyllum inflexum*)
Platygyrium ferricola (Müll.Hal.) A.Jaeger = *Trachyphyllum ferricola* [1521] (= *Trachyphyllum inflexum*)
Platygyrium inflexum (Harv.) A.Jaeger = *Trachyphyllum inflexum* [1521]
Platygyrium julaceum (Schwaegr.) Bosch & Sande Lac. = *Erythrodontium julaceum* [1521]
Platygyrium stramineum Schimp. ex A.Jaeger, *nom. nud.* = *Leptohymenium stramineum* (1521)
Platygyrium subjulaceum (Müll.Hal.) A.Jaeger = *Erythrodontium subjulaceum* [1521]
- Platyhypnidium afrusciforme*** (Broth.) M.Fleisch. CMN(47).
Platyhypnidium hedbergii (P.de la Varde) Ochyra & Sharp KEN(46), TAN(46), ZAI(65).
Platyhypnidium macowanianum (Paris) M.Fleisch. SAF(1531,7766,8328), ZIM(46).
Platyhypnidium riparioides (Hedw.) M.Fleisch. CVI(2666), ETH(6137), KEN(46,6614), RWA(65), TAN(46).
Platyhypnidium rusciforme (Hedw.) Dixon = *Platyhypnidium riparioides* (1521) (= *Amblystegium riparium*)
Platyhypnum riparioides (Hedw.) Loeske, *nom. inval.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)
Platyhypnum rusciforme Loeske, *nom. illeg. incl. spec. prior.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)
Platyneurium laticostatum (Cardot) Broth. = *Platyneurium praealtum* (4223)

- Platyneurum praealtum** (Mitt.) Ochyra & Bednarek-Ochyra SAF(1531,8328).
Plaubelia canariensis (Brid.) Brid., *nom. inval. in synon.* = *Leucodon canariensis* [1521]
- Plaubelia involuta** (Magill) R.H.Zander BOT(1531), NAM(1531).
- Pleuridium acuminatum** Lindb. LES(4897), MLW(67), REU(8028).
Pleuridium alternifolium (Hedw.) Brid. Excluded: see note under *Archidium alternifolium*.
Pleuridium axillare (Sm.) Lindb. = *Pseudephemerum nitidum* [3492: 20]
Pleuridium breutelianum (Hampe) A.Jaeger = *Pleuridium pappeanum* [82: 84]
Pleuridium breutelii Kindb., *nom. illeg. incl. spec. prior.* = *Pleuridium breutelianum* [1521] (= *Pleuridium pappeanum*)
- Pleuridium ecklonii** (Müll.Hal.) Snider SAF(1531,4670,8328).
Pleuridium globiferum Brid = *Archidium ohioense* (4302)
- Pleuridium nervosum** (Hook.) Mitt. ETH(1927), KEN(7984), LES(1531), MDG(40,7385), SAF(1531,4670,8328).
- Pleuridium papillosum** Magill SAF(1531,8328).
- Pleuridium pappeanum** (Müll.Hal.) A.Jaeger LES(1531), SAF(1531,8328), ZIM(61).
Pleuridium pappei Kindb., *nom. illeg. incl. spec. prior.* = *Pleuridium pappeanum* [1521]
- Pleuridium subulatum** (Hedw.) Lindb. SAF(8328).
- Pleurochaete beccarii** Venturi ERI(50), SOM(50), ZAI(65).
Pleurochaete beccarii Venturi. Note: Zander (1420) reports that African material identified as this taxon at BM and NY is *Pleurochaete squarrosa* var. *squarrosa*, and that type material of *Pleurochaete beccarii* at TR could not be obtained on loan, but is probably synonymous.
- Pleurochaete malacophylla** (Müll.Hal.) Broth. ERI(50), SUD(3076).
Pleurochaete malacophylla (Müll.Hal.) Broth. Note: Zander (1420) states that this taxon is "doubtfully distinct from *Pleurochaete squarrosa* var. *squarrosa*".
- Pleurochaete squarrosa** var. *squarrosa* (Brid.) Lindb. CVI(1296,2666,6453), DJI(1569), ETH(50,6137), KEN(46), SOC(349,2374,5613), TAN(46).
Pleuropus boivinianus (Besch.) Broth. = *Homalothecium nilgheriense* [1848: 521] (= *Palamocladium leskeoides*)
Pleuropus bonplandii Hook. = *Palamocladium leskeoides* (1521)
Pleuropus dentatus Griff. ex Schwaegr., *nom. nud. in synon.* = *Leptohymenium dentatum*. Excluded: so far no specimens under these names have been found.- check with Magill
Pleuropus fenestratus Griff. = *Homalothecium nilgheriense* [4250: 873] (= *Palamocladium leskeoides*)
Pleuropus involvens (Broth.) Broth. = *Palamocladium leskeoides* (3299)
Pleuropus leskeoides (Hook.) Steere = *Palamocladium leskeoides* [1521]
Pleuropus nilgheriensis (Mont.) Cardot in Grandid. = *Homalothecium nilgheriense* [1521] (= *Palamocladium leskeoides*)
Pleuropus schoanus M.Fleisch., *nom. nud.* Excluded: see *Palamocladium schoanum*.
Pleuropus sericeus (A.Jaeger) Broth., *hom. illeg.* = *Palamocladium sericeum* [1521] (= *Palamocladium leskeoides*)
Pleuropus sericeus (Hedw.) Dixon = *Homalothecium sericeum* [1521]
Pleuropus sericeus var. *afrostriatus* (Müll.Hal.) Dixon = *Palamocladium sericeum* var. *afrostriatum* [1521] (= *Palamocladium leskeoides*)
Pleuropus subsericeus (Broth. & Paris) Broth. = *Homalothecium nilgheriense* [1848: 521] (= *Palamocladium leskeoides*)
Pleuroziopsis prolifera (Brid.) Kindb. = *Hylocomium splendens* [3492: 262]
Pleurozium brevirostre (Brid.) Kindb. = *Hylocomium brevirostre* [1521] (= *Loeskeobryum brevirostre*)
Pleurozium purum (Hedw.) Kindb. = *Pseudoscleropodium purum* [1521]
- Pleurozium schreberi** (Brid.) Mitt. ETH(1927,7099).
Pleurozium splendens (Hedw.) Mitt. = *Hylocomium splendens* [1521]
Pleurozygodon aestivalis (Hedw.) Lindb. = *Anoetangium aestivalis* [1521]
- Pocsiella hydrogonioides** Bizot TAN(46).
Poecilophyllum acutum Mitt. ex C.H.Wright, *nom. nud.* = *Leucoloma crepinii* [1848: 81] (= *Leucoloma seychellense*)
Pogonatum afro-aloides (Geh.) Paris = *Pogonatum capense* [4361: 92; 56: 47]
Pogonatum afro-urnigerum Bizot = *Pogonatum urnigerum* (56: 11)
Pogonatum aloides (Hedw.) P.Beauv. Excluded: all African material examined by Hyvönen had been misidentified (56)
Pogonatum alpinum (Hedw.) Roehl. Excluded: see *Polytrichastrum alpinum*.
Pogonatum angolense (Welw. & Duby) A.Jaeger = *Pogonatum capense* (56: 47)
- Pogonatum belangeri** (Müll.Hal.) A.Jaeger BIO(8180), BUR(56,65), CMN(56), ETH(1927), KEN(56), MAU(56), MDG(56,6908), MLW(56,67), NGA(5160,5176), REU(56), RWA(56,65), SAF(56,8328), TAN(56), UGA(56), ZAI(56,65), ZIM(61).
Pogonatum borgenii (Hampe) A.Jaeger = *Pogonatum capense* (56: 47)
Pogonatum brachypus Brid., *nom. nud. in synon.* = *Pogonatum convolutum* [77: 111; 56: 33]
Pogonatum brachythecium Besch. = *Pogonatum belangeri* (56: 56)
Pogonatum brachythecium var. *hildebrandtii* Thér. = *Pogonatum belangeri* (56: 56)
Pogonatum brachythecium var. *madagassum* Cardot = *Pogonatum belangeri* (56: 56)
Pogonatum breviurnaceum Paris, *nom. nud.* = *Pogonatum gracilifolium* [56: 53]
- Pogonatum capense** (Hampe) A.Jaeger ANG(56,289), MAU(289), MDG(40,56,289,6908),

- NGA(5160,5176), SAF(56,289,1531,8328), SWZ(56,1531), ZIM(61,289).
Pogonatum confusum Thér., *nom. nud.* = *Pogonatum belangeri* (56: 56)
Pogonatum confusum var. *longisetum* Thér. = *Pogonatum belangeri* (56: 56)
- Pogonatum congolense*** Cardot CMN(47,56,289), GAB(56), ZAI(56,65,289).
Pogonatum congolense var. *subintegrifolium* Thér. & P.de la Varde = *Pogonatum congolense* (56: 58)
- Pogonatum convolutum*** (Hedw.) P.Beauv. MAU(56,289), MDG(40,56,289,6908),
 REU(56,289).
Pogonatum convolutum var. *madagassum* Cardot = *Pogonatum convolutum* (56: 34)
Pogonatum convolutum var. *minus* Brid. ex P.Beauv., *nom. nud.* = *Pogonatum capense* (56: 47)
Pogonatum flexibilifolium Müll.Hal. ex Paris, *nom. nud.* = *Pogonatum usambaricum* (56: 58)
Pogonatum flexuosum Mitt. Excluded: Hyvönen (56) states that the only specimen of the taxon is mislabelled, and is not from Africa, but from Borneo. It is now a synonym of *Pogonatum cirratum* var. *macrophyllum* (Dozy & Molk.) Hyvönen.
- Pogonatum gracilifolium*** Besch. ANG(289), BIO(289,3414), BUR(65), CMN(56,289),
 COM(40), ETH(56,289), KEN(56,289,5315), LBR(289), MAU(289), MDG(40),
 MLW(56,67,289), REU(56), RWA(56,65,289), SAF(289), SAO(56,289), TAN(56,289),
 UGA(56,289), ZAI(56,65,289,5319).
Pogonatum hildebrandtii Müll.Hal. ex C.H.Wright, *nom. nud.* = *Pogonatum belangeri* (56: 56)
Pogonatum holstii (Broth.) Paris = *Pogonatum usambaricum* (56: 58)
Pogonatum macei Thér. = *Pogonatum perichaetiale* subsp. *oligodus* (56: 16)
Pogonatum madagassum (Hampe) A.Jaeger = *Polytrichum madagassum* [1521] (= *Polytrichum commune*)
- Pogonatum marginatum*** Mitt. MAU(289).
Pogonatum marginatum Mitt. Note: this species is said by Hyvönen (56) to occur only in SE Asia, and is shown as such in his distribution maps, but he quotes De Sloover's illustration (289), which is of a plant collected in Mauritius. A similar disjunction is shown by *Pogonatum proliferum* (Griff.) Mitt.
Pogonatum mittenii Hag., *nom. illeg. incl. spec. prior.* = *Pogonatum flexuosum* [1521]. Excluded: see *Pogonatum flexuosum*.
Pogonatum molleri (Müll.Hal.) Paris = *Pogonatum gracilifolium* (56: 53)
Pogonatum obtusatum (Geh.) Paris = *Pogonatum capense* [4361: 92; 56: 47]
Pogonatum oligodus (Müll.Hal.) Mitt. = *Pogonatum perichaetiale* ssp. *oligodus* (56: 16)
Pogonatum parisii Thér. = *Pogonatum belangeri* (56: 56)
- Pogonatum perichaetiale*** ssp. *oligodus* (Müll.Hal.) Hyvönen BUR(56,65,289),
 CMN(56,289), COM(40,56), ETH(50,56,111,289,1927), KEN(56,289,5315,6615),
 LES(56,289,1531,4897), REU(56,289), RWA(56,65,289), SAF(289,1531,4897,8328),
 TAN(56,289), UGA(56,289).
Pogonatum potieri Demaret & V.Leroy in P.de la Varde = *Polytrichum subpilosum* [289]
- Pogonatum proliferum*** (Griff.) Mitt. REU(105,758), RWA(56,65,289), TAN(7833),
 UGA(56,289).
Pogonatum rubentiviride (Müll.Hal.) Paris = *Pogonatum gracilifolium* (56: 53)
Pogonatum rutenbergii (Geh.) Paris = *Pogonatum convolutum* (56: 34)
Pogonatum semilamellatum V.Leroy = *Pogonatum congolense* (56)
Pogonatum simense (Bruch & Schimp. ex Müll.Hal.) A.Jaeger = *Pogonatum perichaetiale* ssp. *oligodus* (56: 15)
Pogonatum theriotii Demaret & V.Leroy = *Pogonatum belangeri* (56: 56)
Pogonatum tortifolium Rehm ex Dixon & A.Gepp, *nom. nud.* = *Pogonatum capense* (56: 47)
Pogonatum ugandae P.de la Varde = *Pogonatum proliferum* (56: 37)
- Pogonatum urnigerum*** (Hedw.) P.Beauv. BIO(8180), CMN(47,56,289),
 KEN(46,289,5315,7065), RWA(46,56,65,289), TAN(46,56,289), UGA(46,56),
 ZAI(56,65,289,5319).
- Pogonatum usambaricum*** (Broth.) Paris BIO(8180), ETH(111), KEN(56), REU(56),
 RWA(56), SAF(56,8328), SAO(56), TAN(56), ZAI(56).
Pogonatum waterlotii Thér. = *Pogonatum belangeri* (56: 56)
- Pohlia afrocruda*** (Müll.Hal.) Broth. ETH(1927), KEN(46,3412,5315), TAN(46), UGA(46),
 ZAI(65,2660).
Pohlia albicans Lindb., *nom. illeg. incl. spec. prior.* = *Mniobryum wahlenbergii* [1521] (= *Pohlia wahlenbergii*)
- Pohlia aloysii-sabaudiae*** G.Negri UGA(46).
Pohlia annotina Hedw. CHA(51,4480,4507).
Pohlia annotina var. *decepiens* Loeske = *Pohlia annotina* [4791]
- Pohlia baronii*** Wijk & Margad. KEN(46), LES(1531), MDG(40), MLW(67,6087),
 SAF(1531,4670,7766,8328), UGA(46), ZAI(65).
- Pohlia bequaertii*** (Dixon & Naveau) A.J.Shaw UGA(46), ZAI(65).

- Pohlia chrysoblasta*** (Thér. & Naveau) Demaret RWA(65), TAN(46), UGA(46), ZAI(65).
Pohlia cratericola Broth. CMN(47), TAN(46), ZAI(65).
Pohlia cruda (Hedw.) Lindb. LES(1531,4897), SAF(1531,4897,8328).
Pohlia depauperata (Sim) Schelpe = *Pohlia cruda* (83: 350)
Pohlia ecklonianum (Müll.Hal.) A.Jaeger = *Pohlia nutans* (83: 353)
Pohlia elongata var. ***elongata*** Hedw. KEN(46), LES(1531,4897), MDG(40,1925),
 MLW(67,6087), RWA(65), SAF(1531,4897,8328), TAN(46), UGA(46), ZAI(65,2660),
 ZIM(61).
Pohlia filiformis (Dicks.) Andrews ex Grout = *Anomobryum filiforme* [1521] (= *Anomobryum julaceum*)
Pohlia grammophylla (Besch.) Broth. COM(40).
Pohlia gromieri (Thér.) Kis KEN(46).
Pohlia heribaudii (Renauld & Cardot) Broth. = *Pseudopohlia microstoma* (40: 215)
Pohlia heribaudii var. ***madagassa*** (Renauld & Cardot) Wijk & Margad. MDG(40).
Pohlia integra (Cardot) J.Shaw = *Leptobryum wilsonii* (6609)
Pohlia kenyae (Dixon) Kis KEN(46).
Pohlia lacouturei (Thér.) O'Shea MDG(40).
Pohlia leptoblepharon (Müll.Hal.) Broth. = *Pohlia elongata* (83: 351)
Pohlia longicollis (Hedw.) Lindb. KEN(46), TAN(46).
Pohlia longicollis var. ***alpina*** (Hoppe & Hornsch.) R.S.Williams TAN(46).
Pohlia melanodon (Brid.) A.J.Shaw CHA(4508).
Pohlia mielichhoferia (Müll.Hal.) Broth. = *Pohlia elongata* (83: 351)
Pohlia mielichhoferiacea (Müll.Hal.) Broth. KEN(146), RWA(65), TAN(46), ZAM(62).
Pohlia myurella Broth. = *Brachymenium dusenii* [10: 558] (= *Brachymenium acuminatum*)
Pohlia nutans fo. *decipiens* R.Wilczek & Demaret. Note: this form described from Belgium in 1907 is no longer
 accepted, and is treated here as the very variable *Pohlia nutans*.
Pohlia nutans Hedw. CHA(51), SAF(1531,8328), TAN(46), ZIM(61).
Pohlia pallens (Sw.) Brid. = *Bryum pallens*
Pohlia philonotula (Müll.Hal.) Broth. KEN(46), TAN(46), ZAM(62).
Pohlia philonotula (Müll.Hal.) Broth. Note: the type specimen is from South Africa (Transvaal), and has not been
 located, and was sterile [83: 354]. The name therefore has not been used in South Africa, and the records for eastern
 Africa should be checked.
Pohlia plumella (Muell.Hal.) Broth. Excluded: the type specimen is from South Africa (Transvaal), and the species
 appears in earlier checklists [53: 16], but Sim [1911: 321] says that the description is insufficient but suggests an
 affinity with *Bryum mielichhoferiacea*, now a synonym of *Pohlia elongata*.
Pohlia plumella (Müll.Hal.) Broth. SAF(4378).
Pohlia prolifera (Lindb. ex Breidl.) Lindb. ZAI(5319).
Pohlia pseudophilonotula (Müll.Hal.) Broth. Excluded: the type specimen from South Africa (Transvaal) has not been
 located, and was sterile [83: 354].
Pohlia pyriforme (Hedw.) Müll.Hal. = *Leptobryum pyriforme* [1521]
Pohlia simii Schelpe = *Bryum alpinum* (83: 371)
Pohlia wahlenbergii var. ***wahlenbergii*** (F.Weber & D.Mohr) A.L.Andrews MAU(105).
Polla aubertii (Schwaegr.) Brid., *comb. inval.* = *Rhodobryum aubertii* [1521] (= *Bryum aubertii*)
Polla commersonii (Schwaegr.) Brid., *comb. inval.* = *Rhodobryum commersonii* [1521]
Polla erythrocaula (Schwaegr.) Brid., *comb. inval.* = *Bryum truncorum* [1911: 337] (= *Bryum pycnophyllum*)
Polla punctata Brid., *comb. inval.* = *Mnium punctatum* [1521]. Excluded: see *Mnium punctatum*.
Polla rosea (Hedw.) Brid., *comb. inval.* = *Rhodobryum roseum* [1521]. Note: treated here as *Rhodobryum ontariense*.
Polla rosea var. *gigantea* (Schwaegr.) Brid., *comb. inval.* = *Rhodobryum giganteum* [1521]
Polla subnervis (Schwägr.) Brid., *comb. inval.* = *Eriopus cristatus* [6894: 276b] (= *Calyptrochaeta cristata*)
Polla truncorum (Brid.) Brid., *comb. inval.* = *Bryum truncorum* [1521]. Note: treated here as *Bryum pycnophyllum*.
Polla umbraculum (Hook.) Brid., *comb. inval.* = *Rhodobryum umbraculum* [1521] (= *Bryum umbraculum*)
Polypodiopsis metzgeria (Müll.Hal.) A.Jaeger = *Fissidens metzgeria* [1521]
Polytrichastrum alpinum (Hedw.) G.L.Sm. Note: the specimen supporting the record for ZAI(65), included in previous
 checklists, was shown by De Sloover (289) to be *Pogonatum urnigerum*.
Polytrichastrum formosum (Hedw.) G.L.Sm. LES(1635,4897), MAU(289), MDG(40),
 SAF(289,1531,7766,8328).
Polytrichum afro-aloides Müll.Hal. ex Geh. = *Pogonatum capense* [4361: 92; 56: 47]
Polytrichum afro-robustum Besch. = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum aloides Hedw. = *Pogonatum aloides* [1521]. Excluded: see note under *Pogonatum aloides*.
Polytrichum alpinum L. ex Hedw. = *Polytrichastrum alpinum* [2869]. Note: see *Polytrichastrum alpinum*.
Polytrichum angolense Welw. & Duby = *Pogonatum capense* (56)
Polytrichum appressum Brid. = *Polytrichum subpilosum* (289)

- Polytrichum apuleja* Comm. ex Schwaegr., *nom. nud. in synon.* = *Polytrichum glabrum* [8103: 311]
Polytrichum armatum Broth. = *Polytrichum commune* [1911: 140]
Polytrichum belangeri Müll.Hal. = *Pogonatum belangeri* [1521]
Polytrichum borgenii Hampe = *Pogonatum capense* (56: 47)
Polytrichum brachythecium (Besch.) Kindb. = *Pogonatum brachythecium* [1521] (= *Pogonatum belangeri*)
Polytrichum breviurnaceum Müll.Hal. ex Paris, *nom. nud.* = *Pogonatum gracilifolium* [56: 53]
Polytrichum breviurnaceum Müll.Hal. ex Paris, *nom. nud.* = *Pogonatum gracilifolium* (56: 53)
Polytrichum buchananii Broth. = *Polytrichum commune* [1911: 140]
Polytrichum buchananii Rehm ex Kindb., *nom. nud.* = *Polytrichum commune* [1911: 138]
Polytrichum calopogon Besch. = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum capense Hampe = *Pogonatum capense* [1521; 56: 47]
Polytrichum commersonianum Brid. = *Polytrichum subpilosum* [77: 153]
Polytrichum commune var. *africanum* Müll.Hal. ex Paris, *nom. nud.* = *Polytrichum commune* [1911: 139]
- Polytrichum commune* var. *commune* Hedw.** ANG(46,289), BIO(47), BUR(65,289), CMN(47,289), COM(40), ETH(50), KEN(46,3412,5315,6615,7065), LES(1531), MAU(289), MDG(40,289), MLW(67), MOZ(46,289), NGA(47), REU(289), RWA(65,289), SAF(289,1531,8328), SIE(47), SWZ(1531), TAN(46,289), UGA(46), ZAI(65,289), ZAM(289), ZIM(46).
- Polytrichum commune* var. *humile* Sw.** ZAI(65).
Polytrichum commune var. *macleanum* Rehm ex Paris, *nom. nud.* = *Polytrichum commune* [1911: 139]
Polytrichum commune var. *minus* Weiss ex De Not., *hom. illeg.* (non Brid.) = *Polytrichum commune* [1911: 139]
- Polytrichum commune* var. *perigoniale* (Michx.) Hampe** ANG(46).
Polytrichum commune var. *trichodes* (Müll.Hal.) Dixon = *Polytrichum subpilosum* [289]
Polytrichum comorense Müll.Hal. ex Besch. = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum convolutum Hedw. = *Pogonatum convolutum* [1521; 56: 33]
- Polytrichum cupreum* G.Negri** UGA(46).
Polytrichum dusenii Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 346*) from Cameroon.
Polytrichum elatum P.Beauv. = *Polytrichum commune* [1911: 140]
- Polytrichum elegans* Welw. & Duby** ANG(46).
- Polytrichum elongatum* P.Beauv.** SAF(1531,4897).
Polytrichum flaccidogratile Müll.Hal. ex Geh., *nom. nud.* = *Polytrichum commune* [4800: 180]
Polytrichum flexibilifolium Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 18*) from Cameroon.
Polytrichum flexicaule Müll.Hal., *hom. illeg.* = *Polytrichum commune* [4800: 180]
Polytrichum flexicaule var. *flaccido-gratile* Müll.Hal. = *Polytrichum commune* [4800: 180]
Polytrichum formosum Hedw. = *Polytrichastrum formosum* [2869]
- Polytrichum glabrum* Schrad.** MAS(40), MDG(40).
Polytrichum gracilifolium (Besch.) Kindb. = *Pogonatum gracilifolium* [1521]
Polytrichum gracilisetum Besch. ex Müll.Hal. Excluded: an undescribed collection from Réunion
Polytrichum hildebrandtii Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
Polytrichum hirsutum J.F.Leroy = *Polytrichum piliferum* (289)
Polytrichum hoehnelii Müll.Hal. = *Polytrichum commune* [1911: 140]
Polytrichum holstii Broth. = *Pogonatum usambaricum* (56: 58)
Polytrichum huillense Welw. & Duby, *nom. illeg. incl. spec. prior.* = *Pogonatum angolense* [1521] (= *Pogonatum capense*)
Polytrichum integrum Müll.Hal. = *Polytrichum juniperinum* [10: 696]
- Polytrichum juniperellum* Geh.** MDG(40).
- Polytrichum juniperinum* Hedw.** CMN(47), LES(1531), SAF(289,1531,8328), STH(1296), SUD(3488).
Polytrichum keniae Dixon = *Pogonatum urnigerum* (289)
Polytrichum latidens Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 512*) from Cameroon.
Polytrichum leioneuron Besch. = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum lonchobasis Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
Polytrichum longissimum Müll.Hal. ex C.H.Wright, *nom. nud.* = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum macropogon Schimp. ex Besch., *nom. nud. in synon.* = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum madagassum (Hampe) A.Jaeger = *Polytrichum commune* (289)
Polytrichum mahense Besch. = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum mauritianum Müll.Hal. ex Besch. = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum mauritii Kindb., *nom. illeg. incl. spec. prior.* = *Polytrichum subformosum* [1848: 320] (= *Polytrichum subpilosum*)
Polytrichum mildbraedii Broth. = *Polytrichum commune* (289)
Polytrichum molleri Müll.Hal. = *Pogonatum gracilifolium* (56: 53)

Polytrichum mosambicense Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Mozambique.
Polytrichum muelleri Kindb., *nom. nud.* = *Polytrichum commune* [4800: 180]
Polytrichum nanoglobulus Müll.Hal. = *Polytrichum piliferum* [10: 696]
Polytrichum natalense Sim = *Pogonatum oligodus* [289] (= *Pogonatum perichaetiale* ssp. *oligodus*)
Polytrichum obtusatum Müll.Hal. ex Geh. = *Pogonatum capense* [4361: 92; 56: 47]
Polytrichum oligodus Kunz. ex Müll.Hal. = *Pogonatum oligodus* [1521] (= *Pogonatum perichaetiale* ssp. *oligodus*)
Polytrichum paludicola Broth. in Mildbr. = *Polytrichum mildbraedii* [11: 11: 514] (= *Polytrichum commune*)
Polytrichum parvisetum Müll.Hal. ex Renauld = *Polytrichum subformosum* var. *parvisetum* [1521]
Polytrichum pervillei Besch. = *Polytrichum subformosum* (1848) (= *Polytrichum subpilosum*)
Polytrichum pervillei var. *leptocaula* Besch. = *Polytrichum subformosum* (1848) (= *Polytrichum subpilosum*)

***Polytrichum piliferum* Hedw. COM(289), KEN(46,289,3412,5315,6615), LES(289,1531,4897), MLW(67,289), REU(4928), RWA(46,65,289), SAF(289,1531,7766,8328), TAN(46,289), UGA(46,289), ZAI(65,289,5319), ZAM(46), ZIM(61).**

***Polytrichum piliferum* var. *australe* Renauld & Cardot COM(40).**

Polytrichum preussii Broth. = *Polytrichum subpilosum* (289)
Polytrichum pungens Müll.Hal. = *Polytrichum subpilosum* (289)
Polytrichum purpurans Besch. = *Polytrichum subformosum* [1848: 329] (= *Polytrichum subpilosum*)
Polytrichum purpurascens Brid. = *Polytrichum commune* [2584: 221]
Polytrichum purpurellum Besch ex Müll.Hal., *nom. nud. err.* = *Polytrichum purpurans* [1521] (= *Polytrichum subpilosum*)
Polytrichum radulifolium Müll.Hal. = *Polytrichum commune* [1911: 139]
Polytrichum rehmannii Müll.Hal. ex Geh., *nom. nud.* = *Polytrichum subformosum* var. *anomalum* [8302: 100] (= *Polytrichum commune*)
Polytrichum rehmannii var. *julaceum* Rehm ex Paris, *nom. nud.* = *Polytrichum commune* [1911: 139]
Polytrichum remotiflorum P.Beauv. ex Hassk., *nom. inval. err.* = *Polytrichum remotifolium* [1521] (= *Polytrichum glabrum*)
Polytrichum remotifolium P.Beauv. = *Polytrichum glabrum* [2195: 254]
Polytrichum remotifolium var. *humile* Lindb., *nom. nud.* = *Polytrichum commune* [1911: 140]
Polytrichum robustum Müll.Hal. ex Cardot in Grandid., *hom. illeg.* = *Polytrichum subpilosum* (289)
Polytrichum rubentiviride Müll.Hal. = *Pogonatum gracilifolium* (56: 53)
Polytrichum rutenbergii Müll.Hal. ex Geh. = *Pogonatum convolutum* (56: 33)
Polytrichum semense Bruch & Schimp. ex Lindb., *nom. inval.* = *Pogonatum simense* [1521] (= *Pogonatum perichaetiale* ssp. *oligodus*)
Polytrichum simense Bruch & Schimp. ex Müll.Hal. = *Pogonatum perichaetiale* ssp. *oligodus* (56: 15)
Polytrichum smithii Hull, *nom. inval.* = *Leptodon smithii* [1521]
Polytrichum subappressum Besch. = *Polytrichum subpilosum* (289)
Polytrichum subattenuatum Thér. = *Polytrichastrum formosum* (289)
Polytrichum subformosum Besch. = *Polytrichum subpilosum* (289)
Polytrichum subformosum var. *anomalum* Thér. = *Polytrichum commune* (289)

***Polytrichum subformosum* var. *parvisetum* (Müll.Hal.) Cardot MDG(40).**

Polytrichum subformosum var. *parvisetum* (Müll.Hal.) Cardot. Note: the owning species of this variety, and other varieties of this species, have all been transferred to other names (289); this variety also needs revision.
Polytrichum subformosum var. *pervillei* (Besch.) Cardot in Grandid. = *Polytrichum subpilosum* (289)

***Polytrichum subpilosum* P.Beauv. BIO(289), BUR(65,289), CMN(47,289), COM(40,289), ETH(289), KEN(46,289), MAU(105,289,5916), MDG(40,289), MLW(67,289), MOZ(289), REU(105,289), RWA(65,289), SAF(289,1531,4897,8328), SEY(289,1945,2328,2353), SIE(289), SWZ(1531), TAN(46,289), UGA(46,289), ZAI(65,289), ZAM(62,289), ZIM(46,61,289).**

***Polytrichum transvaaliense* Müll.Hal. SAF(4378).**

Polytrichum trichobasis Müll.Hal. in Renauld, *nom. nud.* Excluded: an undescribed collection from Madagascar [1618: 218; 40: 248].
Polytrichum trichodes Müll.Hal. = *Polytrichum commune* var. *trichodes* [1521] (= *Polytrichum subpilosum*)
Polytrichum tristanii Duby = *Polytrichum juniperinum* (1521)
Polytrichum usambaricum Broth. = *Pogonatum usambaricum* [1521; 56: 58]
Polytrichum yuccoides Rehm ex Kindb., *nom. nud.* = *Pogonatum capense* [1911: 136]
Porothamnium capense (Broth. & Dixon) Sim = *Thamnobryum capense* [781: 110]
Porothamnium comorense (Müll.Hal.) Sim. = *Porotrichum elongatum* [15: 101]
Porothamnium comorense ssp. *corticola* (Kindb.) Wijk & Margad. = *Thamnobryum corticola* [15: 149]
Porothamnium comorense var. *planissimum* (Dusén) Wijk & Margad. = *Porothamnium stipitatum* [15: 135] (= *Porotrichum stipitatum*)
Porothamnium comorense var. *scioanum* (Tongiorgi) Cufod. = *Porothamnium stipitatum* [15: 147] (= *Porotrichum stipitatum*)
Porothamnium hildebrandtii (Müll.Hal.) M.Fleisch. = *Porothamnium stipitatum* [15: 134] (= *Porotrichum stipitatum*)

- Porothamnium hildebrandtii* var. *planissimum* (Dusén) Potier de la Varde = *Porothamnium comorense* var. *planissimum* [1521] (= *Porotrichum stipitatum*)
- Porothamnium hildebrandtii* var. *scioanum* Tongiorgi = *Porothamnium stipitatum* [15: 147] (= *Porotrichum stipitatum*)
- Porothamnium leptopteris* (Dusén.) M.Fleisch. = *Porothamnium stipitatum* [15: 135] (= *Porotrichum stipitatum*)
- Porothamnium minutum* (Broth. & Paris) Broth. = *Porotrichum caudatum* [15: 110]
- Porothamnium molliculum* (Broth.) M.Fleisch. ex Broth. = *Porotrichum usagarum* (2387)
- Porothamnium natalense* (Müll.Hal.) M.Fleisch. = *Porotrichum usagarum* (1519)
- Porothamnium natalense* ssp. *borbonicum* (Kindb.) Wijk & Margad. = *Porotrichum molliculum* [15: 117] (= *Porotrichum usagarum*)
- Porothamnium pennaeforme* (Müll.Hal.) M.Fleisch. = *Porothamnium pennaefrondeum* [1848: 377] (= *Porotrichum madagassum*)
- Porothamnium pennaefrondeum* (Müll.Hal.) Cardot in Grandid. = *Porotrichum madagassum* [15: 125]
- Porothamnium penniforme* (Kindb.) M.Fleisch. = *Porotrichum madagassum* (1519: 599)
- Porothamnium pobeguini* (Broth. & Paris) Broth. = *Porotrichum pobeguini* [15: 103] (= *Porotrichum elongatum*)
- Porothamnium punctulatum* Müll.Hal. ex Dusén = *Porotrichum caudatum* [15: 110]
- Porothamnium scariosum* (Broth.) Broth. = *Porothamnium stipitatum* [15: 135] (= *Porotrichum stipitatum*)
- Porothamnium stipitatum* (Mitt.) Touw ex De Sloover = *Porotrichum stipitatum* [7330]
- Porothamnium variifolioides* De Sloover = *Porotrichum variifolioides* [7330]
- Porothamnium viguieri* Thér. = *Porotrichum molliculum* [15: 118] (= *Porotrichum usagarum*)
- Porothamnium viguieri* var. *laxirete* Demaret & V.Leroy = *Porotrichum molliculum* [15: 118] (= *Porotrichum usagarum*)
- Porothamnium woodii* Sim = *Stereophyllum woodii* (53: 24). Excluded: see *Stereophyllum woodii*.
- Porotrichella scaberula* (Renauld & Cardot) Cardot in Grandid. = *Orthostichopsis scaberula* [1521]
- Porotrichum anisopleuron* Kiaer ex C.H.Wright, *nom. nud.* = *Porotrichum molliculum* [15: 117]
- Porotrichum annobonense* Broth. in Mildbr., *nom. nud.* = *Porotrichum elongatum* (4930)
- Porotrichum borchgrewinkii* Müll.Hal. ex Paris, *nom. inval. in synonym* = *Pinnatella tamariscina* [4318] (= *Homaliodendron piniforme*)
- Porotrichum braunii* Broth. = *Pinnatella braunii* [1521] (= *Homaliodendron piniforme*)
- Porotrichum callochroum* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (Dusén 321) from Cameroon.
- Porotrichum cameruniae* Dixon = *Porotrichum quintasii* [15: 114]
- Porotrichum caudatum*** Broth. BIO(2396,2662), CAF(15), CMN(15,47), ETH(15), GAB(15), GHA(15), GUI(15,1458), IVO(411,1880), NGA(15), SAO(15,47), SEN(15), SIE(3216), TAN(15,46), TOG(15,58,1878,2851), ZAI(15,65).
- Porotrichum chalaropteris* Müll.Hal. ex Dusén = *Pinnatella chalaropteris* [1521] (= *Homaliodendron piniforme*)
- Porotrichum chauvetii* (Renauld & Cardot) Broth. = *Porotrichum madagassum* [15: 125]
- Porotrichum chenagonii* Müll.Hal. ex Renauld = *Pinnatella geheebii* var. *chenagonii* [1521] (= *Leptodon fuciformis*)
- Porotrichum comorense* Hampe ex Müll.Hal. = *Porotrichum elongatum* [15: 102]
- Porotrichum comorense* var. *corticola* = *Porothamnium comorense* ssp. *corticola* [1521] (= *Thamnobryum corticola*)
- Porotrichum dentatum*** A.Gepp MLW(2387).
- Porotrichum dentatum* A.Gepp. Note: this taxon was previously stated to be a synonym of *Porotrichum madagassum* [15: 125], but is now regarded as endemic to Malawi (2387).
- Porotrichum dupuisii* Renauld & Cardot = *Pinnatella dupuisii* [1521] (= *Pinnatella minuta*)
- Porotrichum dusenii* Müll.Hal. ex Paris, *nom. nud.* = *Pinnatella engleri* [7612] (= *Pinnatella minuta*)
- Porotrichum dusenii* var. *calochlorum* Müll.Hal. ex Kindb., *nom. nud. in synonym*. = *Pinnatella engleri* [7612] (= *Pinnatella minuta*)
- Porotrichum dusenii* var. *lopidioides* Müll.Hal. ex Kindb., *nom. nud. in synonym*. = *Pinnatella engleri* [7612] (= *Pinnatella minuta*)
- Porotrichum dusenii* var. *perrotundatum* Müll.Hal. ex Kindb., *nom. nud. in synonym*. = *Pinnatella engleri* [7612] (= *Pinnatella minuta*)
- Porotrichum elongatum*** (Welw. & Duby) A.Gepp ANG(15,46), ANN(15,47), BIO(15), BUR(15,65), CAB(15,46), CAF(15), CMN(15), COM(15), CON(15), ETH(15), GAB(15), GUI(15), IVO(15,1880), KEN(15,46,5315), LBR(15), MAU(15), MDG(15), MLW(46,67), NGA(15), REU(15), RIM(4639), RWA(65,2675), SAF(8328), SAO(15), SEY(15,1926,1941,2353), SIE(3216), TAN(15,46), TOG(1878), UGA(15,46), ZAI(15,65,2675,5319), ZIM(46,61).
- Porotrichum engleri* Broth. = *Pinnatella engleri* [1521] (= *Pinnatella minuta*)
- Porotrichum eurydictyon* (Kindb.) Broth. = *Porotrichum quintasii* [15: 117]
- Porotrichum exiguum* Müll.Hal. ex Kindb., *nom. nud. in synonym*. = *Porotrichum punctulatum* [7612: 252] (= *Porotrichum caudatum*)
- Porotrichum flagellaceum* (Mitt.) Mitt. = *Pinnatella flagellacea* [1521] (= *Homaliodendron piniforme*)
- Porotrichum geheebii* Müll.Hal. = *Pinnatella geheebii* [1521] (= *Pinnatella minuta*)
- Porotrichum hamulosum* Dusén, *nom. inval. err.* = *Porotrichum ramulosum* [1521] (= *Porotrichum quintasii*)
- Porotrichum hendelotii* Besch., *nom. nud. err.* = *Porotrichum heudelotii* [1521] (= *Porotrichum caudatum*)
- Porotrichum herpetineuron* Besch. = *Pinnatella minuta* (1830)
- Porotrichum heudelotii* Besch., *nom. illeg.* = *Porotrichum caudatum* [15: 110]

Porotrichum jollyi Broth. & Paris = *Porotrichum elongatum* [15: 102]

Porotrichum jollyi var. *elongatum* P.de la Varde = *Porotrichum elongatum* [15: 148]

Porotrichum laurentii Renauld & Cardot = *Porotrichum elongatum* [15: 102]

Porotrichum leptodendron Müll.Hal. ex Paris, *nom. nud.* = *Pinnatella engleri* [7612: 249] (= *Pinnatella minuta*)

Porotrichum leptometeorium Müll.Hal. ex Dusén, *nom. illeg.* = *Porotrichum caudatum* [15: 110]

***Porotrichum longirostre* (Hook.) Mitt. CMN(47).**

Porotrichum lopidioides Müll.Hal. ex Gepp in Hiern, *nom. illeg.* = *Pinnatella minuta* (1830)

***Porotrichum madagassum* Kiaer ex Besch. CMN(15), COM(15), ETH(15),**

KEN(15,46,5315), LES(15), MAU(15), MDG(15), MLW(15,67), MOZ(15,46),

REU(15,3410), RWA(15,65), SAF(1531,7766,8328), SWZ(7972), TAN(15,46),

UGA(15,46), ZAI(15,65), ZIM(15,46).

Porotrichum madagassum Kiaer ex Besch. = *Porothamnium comorense* [1911: 402] (= *Porotrichum elongatum*)

Porotrichum mayumbense Besch. = *Pinnatella mayumbensis* [1521] (= *Homaliodendron piniforme*)

Porotrichum microcellulare Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Pinnatella braunii* [7612: 237] (= *Homaliodendron piniforme*)

Porotrichum mixtum (Müll.Hal.) A.Jaeger = *Pinnatella mixta* [1521]. Excluded: see *Pinnatella mixta*.

Porotrichum molliculum Broth. = *Porotrichum usagarum* (2387)

Porotrichum mucronatulum Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Porothamnium comorense* [7612: 266] (= *Porotrichum elongatum*)

Porotrichum mucronulatum Müll.Hal. ex Renauld. = *Porothamnium comorense* [7612: 250] (= *Porotrichum elongatum*)

Porotrichum mucronulatum Müll.Hal. ex Paris, *err.* = *Porothamnium comorense* [7612: 250] (= *Porotrichum elongatum*)

Porotrichum natalense Müll.Hal. = *Porotrichum usagarum* (1519)

Porotrichum natalense var. *borbonicum* (Müll.Hal.) M.Fleisch. = *Porotrichum molliculum* [15: 117]

Porotrichum newtonii Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Porotrichum caudatum* [7612: 251]

Porotrichum oblongifrondeum Broth. = *Pinnatella minuta* (1830)

Porotrichum palmatorum Besch. = *Orthostichopsis debilinervis* [10: 805]

Porotrichum pechuellii (Müll.Hal.) Kindb. = *Pinnatella pechuellii* [1521] (= *Pinnatella minuta*)

Porotrichum pennaeforme (Thunb. ex Brid.) Lindau = *Lopidium struthiopteris* (6705)

Porotrichum pennaeforme Müll.Hal., *hom. illeg.* = *Porotrichum madagassum* (1519)

Porotrichum pennaeforme var. *brachyphyllum* Rehmann ex Müll.Hal., *nom. nud. in synon.* = *Porothamnium natalense* [4378] (= *Porotrichum usagarum*)

Porotrichum pennaeforme var. *chauvetii* Renauld & Cardot = *Porotrichum madagassum* [15: 125]

Porotrichum pennaefrondeum Müll.Hal. = *Porotrichum madagassum* [15: 125]

Porotrichum penniforme Müll.Hal., *hom. illeg.* = *Porotrichum madagassum* (1519)

Porotrichum pergracile Müll.Hal. ex Dusén = *Porotrichum caudatum* [7612: 251]

Porotrichum perpussillum Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Porotrichum punctulatum* [7612: 224] (= *Porotrichum caudatum*)

Porotrichum perpygmaeum Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Pinnatella africana* [7612: 224] (= *Pinnatella minuta*)

Porotrichum perrotundatum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 681*) from Cameroon.

Porotrichum pobeguini (Paris & Broth.) Broth. = *Porotrichum elongatum* [15: 103]

Porotrichum perops Rehmann ex Paris, *nom. illeg.* = *Porothamnium stipitatum* [15: 135] (= *Porotrichum stipitatum*)

Porotrichum punctulatum Müll.Hal. ex Dusén = *Porotrichum caudatum* [15: 110]

***Porotrichum quintasii* Broth. BIO(2396,2662), CAF(15), CMN(15), CON(15), GAB(15), GUI(15), IVO(4928), LBR(15), SAO(47), ZAI(65).**

Porotrichum ramulosum (Mitt.) Mitt., 1886 (non 1882) = *Porotrichum cameruniae* [5490: 123] (= *Porotrichum quintasii*)

Porotrichum ramulosum Dusén, *hom. illeg.* = *Porotrichum cameruniae* (5490: 123) (= *Porotrichum quintasii*)

Porotrichum regulare Renauld & Paris = *Pinnatella geheebii* [7612: 223] (= *Pinnatella minuta*)

Porotrichum robillardii Müll.Hal. ex Besch. = *Porothamnium comorense* [7612: 250] (= *Porotrichum elongatum*)

Porotrichum rostrifolium Müll.Hal. = *Renaudia hoehnelii* [2864: 98] (= *Calyptothecium hoehnelii*)

Porotrichum rotundifrondeum (Müll.Hal.) A.Jaeger = *Pinnatella rotundifrondea* [1521] (= *Pinnatella minuta*)

Porotrichum ruficaule Müll.Hal. = *Porotrichum madagassum* [15: 125]

Porotrichum saperense Besch. ex Kindb., *nom. nud. in synon.* = *Pinnatella geheebii* [5492: 81] (= *Pinnatella minuta*)

Porotrichum scaberulum Renauld & Cardot = *Orthostichopsis scaberula* [1521]

Porotrichum sigmatelloides Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Porothamnium pennaefrondeum* [7612: 233] (= *Porotrichum madagassum*)

***Porotrichum stipitatum* (Mitt.) W.R.Buck ANG(15,46), BIO(15,47,2396,2662),**

BUR(15,65), CMN(15), COM(15), CON(15), ETH(15,111,1927), GAB(15), GHA(15),

GUI(15), IVO(44), KEN(15,46,3412,4112,5315,6614,7065), MAU(105), MDG(15),

MLW(15,67,2387), MOZ(357), REU(15,105), RIM(4639), RWA(15,65),

SAF(1531,7766,8328), SAO(15), SIE(3216), SWZ(1531), TAN(15,46), UGA(15,46),

ZAI(15,65,5319), ZAM(15,46,62), ZIM(15,46).

Porotrichum stolonirameum Müll.Hal. ex Dusén = *Pinnatella tamariscina* [7612: 237] (= *Homaliodendron piniforme*)

Porotrichum stuhlmannii Broth. = *Porotrichum elongatum* [7612: 252; 15: 102]

Porotrichum subanisopleuron Broth. ex Kindb., *nom. nud. in synon.* Excluded: see *Thamnum natalense* ssp. *subanisopleuron*.

Porotrichum subpennaeforme Müll.Hal. Excluded: a collection from Tanzania treated as a doubtful taxon by De Sloover [15: 148]

Porotrichum subpunctatum Müll.Hal. ex Broth. = *Porotrichum punctulatum* [4087: 43] (= *Porotrichum caudatum*)

Porotrichum subpunctulatum Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Porotrichum punctulatum* [4087: 43] (= *Porotrichum caudatum*)

Porotrichum subsecundum Kiaer ex C.H.Wright, *nom. nud.* = *Porothamnium pennaefrondeum* [7612: 233] (= *Porotrichum madagassum*)

Porotrichum tamariscinum (Hampe) Müll.Hal. ex Geh. = *Pinnatella tamariscina* [1521] (= *Homaliodendron piniforme*)

Porotrichum tenerimum Müll.Hal. ex Kindb., *nom. nud.* = *Porothamnium comorense* [7612: 250] (= *Porotrichum elongatum*)

Porotrichum tenuifrons Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Porothamnium comorense* [7612: 250] (= *Porotrichum elongatum*)

Porotrichum thamiellaceum Müll.Hal. ex Kindb., *nom. nud. in synon.* = *Porothamnium comorense* [1911: 402] (= *Porotrichum elongatum*)

Porotrichum usagarum Mitt. ANG(15,46), BUR(15,65), CAB(46), CMN(15), COM(15), ETH(1927), GAB(15), KEN(15,46,4112,5315,7065), MAU(15), MDG(15), MLW(46,67,2387), REU(15), RIM(4639), RWA(15,65), SAF(1531,8328), TAN(15,46,785), UGA(15,46), ZAI(15,65), ZIM(61).

Porotrichum usagarum Mitt. = *Pinnatella usagara* [1521] (= *Porotrichum usagarum*)

Porotrichum variifolioides (De Sloover) Enroth BIO(15,2396,2662), KEN(411), MDG(15), MLW(2387), NGA(1492), REU(15), RWA(15,65), TAN(15,46), ZAI(15,65).

Potamium sanctae-mariae (Besch.) Broth. Excluded: according to Buck (4120), the Madagascar specimen (40) is probably a *Meiothecium*, but he could not locate the type to confirm this; excluded from the Africa list by O'Shea & Ochyra (5546).

Potamium sarcophyllum Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Cameroon.

Potamium schimperi Besch. ex Broth., *nom. inval. in synon.* = *Sematophyllum schimperi* [1521]

Pottia afra (Müll.Hal.) Paris = *Didymodon ceratodonteus* [1911: 224,231; 4229: 7] (= *Didymodon tophaceus*)

Pottia afrophaea Müll.Hal. = *Trichostomum brachydontium* (82: 260)

Pottia apiculata Müll.Hal. ex Renauld. = *Barbula indica* var. *indica* (7069)

Pottia ceratodonte Müll.Hal. = *Didymodon ceratodonteus* (82: 233) (= *Didymodon tophaceus*)

Pottia compacta Welw. & Duby = *Trichostomum brachydontium* (1158)

Pottia curvirostris Ehrh., *nom. inval.* = *Hymenostylium recurvirostre* [3492: 33]

Pottia elatior (Müll.Hal.) Müll.Hal. = *Pottia minor* var. *elatior* (1521) (= *Tortula minor* var. *elatior*)

Pottia gymnostomoides Welw. & Duby = *Trichostomum brachydontium* (1158)

Pottia longirostris Hampe ex Müll.Hal. = *Barbula longirostris* (1420) (= *Hennediella limbata*)

Pottia macleai Rehm ex Kindb., *nom. nud.* = *Pterygoneurum macleianum* [1521]

Pottia macleana Rehm ex Paris, *nom. nud.* = *Pterygoneurum macleianum* [1521]

Pottia macowaniana Müll.Hal. = *Microbryum davallianum* var. *conicum* (1420)

Pottia minor (Müll.Hal.) Cufod. = *Tortula minor* (1420)

Pottia minor var. *elatior* (Müll.Hal.) Wijk & Margad. = *Tortula minor* var. *elatior* [1420]

Pottia mirabilis Broth. & Paris = *Physcomitrium mirabile* (1420)

Pottia namaquensis Magill SAF(82,1531,8328).

Pottia papillinervis Lorentz = *Barbula indica* (1158)

Pottia punctulata Renauld & Cardot = *Barbula punctulata* [1521]

Pottia pusilla var. *elatior* (Müll.Hal.) Warnst. = *Tortula minor* var. *elatior* (1420)

Pottia pusilla var. *pusilla* Warnst., *hom. illeg.* = *Tortula minor* (1420)

Pottia roscheri Lorentz = *Semibarbula orientalis* [1509: 135] (= *Barbula indica*)

Pottia splachnoides (Hornsch.) Broth. = *Tortula splachnoides* (1420). Note: *Pottia splachnoides* was incorrectly shown as being a synonym of *Chenia leptophylla* in version 1 of this Checklist: this was a transcription error.

Pottia stenocarpa P.de la Varde CAF(47), NGA(334).

Pottia subplanomarginata Dixon = *Microbryum subplanomarginatum* (1420)

Pottia tuberculosa Renauld & Paris = *Gymnostomiella tuberculosa* (7068)

Pottia verrucosa Rehm ex Warnst. = *Pottia macowaniana* (82: 207) (= *Microbryum davallianum* var. *conicum*)

Pottia xanthocarpa (Hook.) Müll.Hal. = *Hymenostylium recurvirostre* [5485: 108]

Pottia zeyheri Hampe ex Müll.Hal. = *Trichostomum brachydontium* (82: 260)

Prionodon africanus Rehm ex Paris, *nom. nud.* = *Prionodon rehmannii* [1911: 356] (= *Prionodon densus*)

Prionodon balboi Tosco & Piovano KEN(46).

Prionodon ciliatus Besch. COM(40), ETH(111,1927), KEN(46,4112,5315,6614,7065), MAU(105), MDG(40), REU(105,3410), RWA(65), TAN(46), UGA(46).

- Prionodon densus*** (Hedw.) Müll.Hal. MAU(105), SAF(1531,7766,8328), TAN(46).
Prionodon rehmannii Mitt. = *Prionodon densus* (1519: 558). Note: this taxon is given as a synonym of *Prionodon ciliatus* by Kis (46), but this being a South African plant, Magill & van Rooy (1519: 559) is followed here, who also suggest that *Prionodon ciliatus* may also be a synonym of *Prionodon densus*.
Pseudephemerum axillare (Sm.) I.Hagen, *nom. illeg. incl. spec. prior.* = *Pseudephemerum nitidum* (3054)
Pseudephemerum laxifolium (Renauld & Cardot) Thér. = *Pseudephemerum nitidum* (285)
- Pseudephemerum nitidum*** (Hedw.) Reimers KEN(46), MDG(40), REU(5440), RWA(65), TAN(46), UGA(4282), ZAI(65).
Pseudisothecium myosuroides (Brid.) Grout = *Isothecium myosuroides* [1521]. Excluded: see *Isothecium myosuroides*.
- Pseudocrossidium crinitum*** (Schultz) R.H.Zander BOT(7973), ETH(50), LES(1531,4897), MOZ(46), NAM(1531,7155,8024), SAF(1531,7766,8328), ZIM(46,61).
- Pseudocrossidium hornschurchianum*** (Schultz) R.H.Zander ETH(50), SAF(1531,8328).
- Pseudocrossidium porphyreoneurum*** (Müll.Hal.) R.H.Zander BOT(1531), DJI(1569), ERI(50), KEN(411,7251), MLW(67,411), MOZ(357), NAM(1531,7155), SAF(1531,8328), TAN(46), UGA(46), ZAM(62), ZIM(46,61).
- Pseudocrossidium replicatum*** var. *replicatum* (Taylor) R.H.Zander BOT(1531), ETH(6137), KEN(411), LES(1531,4897), NAM(1531,7155), SAF(1531,4897,8328), SOM(50), SUD(1419).
Pseudoleskea abbreviata Broth. = *Rauiella subfilamentosa* (32: 186)
Pseudoleskea angustifolia (Hampe & Müll.Hal.) Paris = *Haplocladium angustifolium* [1521]
Pseudoleskea capensis Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection from South Africa.
Pseudoleskea capilliramea Müll.Hal. = *Pseudoleskea leskeoides* [1911: 383]
Pseudoleskea carbonara Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed specimen (*Father Michael de Carbonara, s.n.*) from Sciret, nr. Keren, Eritrea.
- Pseudoleskea chilensis*** Lorentz SAF(1531,8328).
Pseudoleskea claviramea (Müll.Hal.) A.Jaeger = *Pseudoleskeopsis claviramea* (717)
Pseudoleskea claviramea var. *acuminata* Müll.Hal. ex Paris, *nom. nud.* = *Pseudoleskeopsis claviramea* [1911: 382]
Pseudoleskea claviramea var. *aquatica* Rehmman ex Paris, *nom. nud.* = *Pseudoleskeopsis claviramea* var. *aquatica* [1521]
Pseudoleskea claviramea var. *denudata* (Geh.) Paris = *Pseudoleskea obtusiuscula* [1848: 433]
Pseudoleskea dispersa Müll.Hal. ex Broth. = *Hylacomiospis cylindricarpa* (46)
Pseudoleskea erythraea Müll.Hal. ex Brizi, *nom. nud.* = *Pseudoleskea penzigii* [4383: 296]
- Pseudoleskea falcifolia*** Dixon & Thér. UGA(46), ZAI(65).
Pseudoleskea laxifolia Rehmman ex Kindb., *nom. nud.* = *Pseudoleskea macowaniana* [1911: 383] (= *Pseudoleskea leskeoides*)
- Pseudoleskea leikipiae*** (Müll.Hal.) Paris ERI(50), KEN(46).
- Pseudoleskea leskeoides*** (Paris) Müll.Hal. LES(1531,4897), SAF(1531,7766,8328), TAN(46), ZIM(46).
Pseudoleskea leskeoides var. *macowaniana* Thér. ex Bizot in Bizot & Pócs, *nom. nud.* Excluded: this combination by Bizot (108) is presumably based on *Pseudoleskea macowaniana* Rehmman ex Müll.Hal. (= *Pseudoleskea leskeoides*)
Pseudoleskea macowani Rehmman ex Kindb., *nom. nud.* = *Pseudoleskea macowaniana* [1521] (= *Pseudoleskea leskeoides*)
Pseudoleskea macowaniana Rehmman ex Müll.Hal. = *Pseudoleskea leskeoides* (1911: 383)
- Pseudoleskea obtusiuscula*** Renauld & Cardot MDG(40).
- Pseudoleskea penzigii*** Brizi ERI(50).
- Pseudoleskea plagiostoma*** Müll.Hal. ex Venturi ERI(50).
- Pseudoleskea plagiostoma*** var. *attenuata* Müll.Hal. ex Venturi ERI(50).
- Pseudoleskea pseudoattenuata*** (Müll.Hal.) Broth. CVI(2666), ERI(50), ETH(50), KEN(46), LES(1531), SAF(1531,3411,8328), TAN(46), UGA(46).
Pseudoleskea rollii Broth. ex Micheletti, *nom. nud.* = *Pseudoleskeopsis claviramea* [1911: 382]
- Pseudoleskea semensis*** (Müll.Hal. in Venturi) A.Jaeger ETH(50).
Pseudoleskea subatrovirens Sauerb. ex A.Jaeger, *nom. nud.* = *Rauiella subfilamentosa* (32: 186)
Pseudoleskea subfilamentosa Kiaer ex Besch. = *Rauiella subfilamentosa* (32: 186)
Pseudoleskea tenuissima Besch. = *Haplohymenium tenuissimum* [1521] (= *Anomodon pseudotristis*)
- Pseudoleskeopsis bollei*** (Broth. & Geh.) P.Rao CVI(1296,6614).
- Pseudoleskeopsis claviramea*** (Müll.Hal.) Thér. DJI(1569), LES(1531,4897), MOZ(46), REU(8028), RWA(65), SAF(1531,7766,8328), TAN(46), UGA(46), ZIM(46).
- Pseudoleskeopsis claviramea*** var. *aquatica* Thér. SAF(4778).
Pseudoleskeopsis leikipiae (Müll.Hal.) Thér. = *Pseudoleskea leikipiae* (1521)

- Pseudoleskeopsis leskeoides* (Paris) Thér. = *Pseudoleskea leskeoides* [1521]
Pseudoleskeopsis pseudoattenuata (Müll.Hal.) Thér. = *Pseudoleskea pseudoattenuata* (1521).
Pseudoleskeopsis pseudoattenuata var *acuminata* Thér. = *Pseudoleskea claviramea* [1911: 382]
Pseudoleskeopsis pseudoattenuata var *macowaniana* (Müll.Hal.) Thér. = *Pseudoleskea leskeoides* [1911: 383]

***Pseudoleskeopsis unilateralis* Dixon SAF(1531,8328).**

***Pseudopohlia microstoma* (Harv.) Mizush. MDG(40), REU(105).**

- Pseudoscleropodium purum* (Hedw.) M.Fleisch. = *Scleropodium purum* [71: 640]

***Pseudoscleropodium purum* (Hedw.) M.Fleisch. in Broth. REU(105,3410), SAF(4670,8328), STH(1296,4202,4626,5331).**

- Pseudosymblypharis* Broth. Note: this genus has been made a synonym of *Chionoloma* (1601), but three African species still remain in this genus. Until a closer examination is made of all the names lumped into this genus, no action will be taken on this. It has been suggested that there is only one pantropical species present in *Pseudosymblypharis* (1158) (= *Chionoloma*).

- Pseudosymblypharis angustata* (Mitt.) Hilp. = *Pseudosymblypharis bombayensis* (5919) (= *Chionoloma bombayense*)

- Pseudosymblypharis bescherellei* Thér. = *Chionoloma bombayense* [7961: 36]

- Pseudosymblypharis bombayensis* (Müll.Hal.) P.Sollm. = *Chionoloma bombayense* [7814]

- Pseudosymblypharis circinnatula* (Broth. ex Voeltzk.) R.H.Zander = *Chionoloma bombayense* [7961: 37]

- Pseudosymblypharis socotrana* (Mitt.) Thér. = *Weissia artocosana* (1420)

- Pseudosymblypharis syrrhopodontoides* (Dixon) R.H.Zander = *Chionoloma bombayense* [7961: 36]

***Pseudotaxiphyllum distichaceum* (Mitt.) Z.Iwats. REU(8028).**

- Pseudotimmiella pocsii* Bizot = *Diphyscium pocsii* (1420)

- Psilopilum afrolaevigatum* Dixon = *Oligotrichum afrolaevigatum* [5994]

- Psilopilum breviamellatum* Thér. = *Pogonatum congolense* (289)

- Psilopilum wageri* Broth. ex Dixon = *Oligotrichum wageri* [5994]

- Pterigynandrum aciculare* Schwaegr. ex Steud., *nom. inval. in synon.* = *Macromitrium pallidum* [5144: 234]

- Pterigynandrum algericum* Brid., *nom. illeg.* = *Rhynchostegiella tenella* [8151: 209]

- Pterigynandrum algerianum* Brid. ex P.Beauv. = *Rhynchostegiella tenella* [8151: 209]

- Pterigynandrum fabronioides* Müll.Hal. ex Geh. = *Trachyphyllum fabronioides* (1521) (= *Trachyphyllum inflexum*)

- Pterigynandrum ferricola* Müll.Hal. = *Trachyphyllum ferricola* [1521] (= *Trachyphyllum inflexum*)

- Pterigynandrum flavescens* (Hook.) Steud. = *Campylodontium flavescens* [1521] (= *Mesonodon flavescens*)

- Pterigynandrum fragile* Müll.Hal. ex M.Fleisch., *nom. nud. in synon.* = *Trachyphyllum fabronioides* [1503: 218] (= *Trachyphyllum inflexum*)

- Pterigynandrum fulgens* Hedw. = *Phyllogonium fulgens* (1521)

- Pterigynandrum fulgens* var. *viscosum* (P.Beauv.) Brid. = *Phyllogonium viscosum* [1521]

- Pterigynandrum gracile* Hedw. = *Pterogonium gracile* [1521; 1519: 556]

- Pterigynandrum kilimandscharicum* (Müll.Hal.) Müll.Hal. ex M.Fleisch., *nom. inval. in synon.* = *Pterogonium gracile* var. *kilimandscharicum* [1503: 218]

- Pterigynandrum longirostrum* Brid. = *Eustichia longirostris* (83: 399)

- Pterigynandrum madagassum* Müll.Hal. ex Geh. = *Pterogonium gracile* var. *madagassum* [1521]

- Pterigynandrum madagassum* Thér., *hom. illeg.* = *Gammiella ceylonensis* (7095)

- Pterigynandrum pusillum* Thér. = *Gammiella ceylonensis* (7095)

- Pterigynandrum schweinfurthii* Müll.Hal. = *Erythrodontium barteri* [2849: 110; 715]

- Pterigynandrum smithii* (Hedw.) Lam. & DC. = *Leptodon smithii* [1521]

- Pterigynandrum subjulaceum* Müll.Hal. = *Erythrodontium subjulaceum* (1521)

- Pterigynandrum vallis-gratiae* Müll.Hal. ex M.Fleisch. = *Pterogonium gracile* var. *capense* [1503: 218] (= *Pterogonium gracile*)

- Pterigynandrum vallis-gratiae* Müll.Hal. ex M.Fleisch., *nom. nud. in synon.* = *Pterogonium gracile* var. *capense* [1503: 218] (= *Pterogonium gracile*)

- Pterigynandrum viscosum* P.Beauv. = *Phyllogonium viscosum* (1521)

***Pterobryon flagelliferum* Mitt. KEN(7065), TAN(46).**

- Pterobryon hanningtonii* Mitt. = *Pterobryon flagelliferum* (1)

***Pterobryon julaceum* Broth. TAN(46).**

- Pterobryon stipitatum* (Mitt.) Touw ex De Sloover. Excluded: Orthographic error in (65) for *Porothamnium stipitatum*.

- Pterobryopsis acutifolium* (Brid.) Magill. Note: this name is used by Magill (1519) for *Calypothecium acutifolium*.

- This name has not been adopted here as the several varieties of this species were not transferred to *Pterobryopsis* with it, and other species, which to follow Magill's argument should also be transferred to *Pterobryopsis*, still remain in *Calypothecium*. A review of the non-South African species is required.

- Pterobryopsis bescherellei* (Renauld) M.Fleisch. = *Calypothecium bescherellei* [1521]

- Pterobryopsis dusenii* (Broth.) Broth. = *Renauldia dusenii* [1521]

- Pterobryopsis flagellifera* (Mitt.) Broth. = *Pterobryon flagelliferum* (1)

- Pterobryopsis hanningtonii* (Mitt.) Broth. = *Pterobryon flagelliferum* (1)

- Pterobryopsis hoehnelii* (Müll.Hal.) Magill. Note: this name is used by Magill (1519) for *Calypothecium hoehnelii*. See note under *Pterobryopsis acutifolium*.

- Pterobryopsis julacea* (Broth.) Broth. = *Pterobryon julaceum* [7168; 1]

***Pterobryopsis longissima* Dixon MDG(40).**

- Pterobryopsis natalensis* Broth, *nom. nud.* Excluded: an undescribed Rehmann collection from South Africa.

Pterobryopsis patentiformis M.Fleisch, *nom. nud.* Excluded: an undescribed collection from Madagascar [5492: 61]
Pterobryopsis patentissima (Hampe) M.Fleisch. = *Renauldia patentissima* var. *patentissima* [1521]
Pterobryopsis patentissima var. *fasciculata* Cardot = *Renauldia patentissima* var. *patentissima* (40: 226)
Pterobryopsis patentissima var. *tenuis* Cardot in Grandid., *nom. nud.* = *Renauldia patentissima* var. *tenuis* [1521]

***Pterobryopsis rehmannii* Magill SAF(1531,8328).**

Pterobryopsis sikorae M.Fleisch., *nom. nud.* = *Pterobryopsis patentissima* var. *fasciculata* [1848: 342] (= *Renauldia patentissima*)

Pterobryopsis simplex M.Fleisch., *nom. nud.* = *Jaegerina cameruniae* [9: 254] (= *Jaegerina scariosa*)

Pterobryopsis tisserantii P.de la Varde = *Calyptothecium planifrons* (2)

***Pterogoniadelphus assimilis* (Müll.Hal.) Ochyra & Zijlstra KEN(46,3412), MDG(40), MLW(67,5698), REU(105,1294), SAF(1531,5698,7766,8328), SOC(7529), SWZ(1531), TAN(46), UGA(46,5698), ZAI(65), ZAM(46), ZIM(46).**

Pterogoniella chloroclada Broth. = *Meiothecium chlorocladum* [1521]

Pterogoniella congolensis Cardot = *Meiothecium congolense* [1521]

Pterogoniella crassiretis Renauld & Cardot = *Meiothecium crassirete* [1521]

Pterogoniella diversifolia Renauld & Cardot = *Meiothecium madagascariense* (1631)

Pterogoniella fallax Renauld & Cardot = *Camptochaete fallax* [1521]. Excluded: see note under *Camptochaete fallax*.

Pterogoniella fuscescens A.Jaeger. ex Paris, *hom. illeg.* = *Meiothecium fuscescens* [1521]

Pterogoniella guineensis Broth. & Paris = *Meiothecium guineense* [47]

Pterogoniella laxiuscula Cardot = *Donnellia laxiuscula* (1982)

Pterogoniella madagascariensis (Brid.) A.Jaeger ex Paris = *Meiothecium madagascariense* [1521]

Pterogoniella obtusifolia Renauld & Cardot = *Sematophyllum obtusifolium* [1521]

Pterogoniella pobeguini Broth. & Paris = *Meiothecium pobeguini* [1521]

Pterogoniella sanctae-mariae Besch. ex Paris = *Potamium sanctae-mariae* [1521]. Excluded: see note under *Potamium sanctae-mariae*.

Pterogoniella sarcophylla Paris, *nom. nud.* Excluded: an undescribed specimen from Cameroon.

Pterogoniella schimperi Besch. ex Paris = *Sematophyllum schimperi* [1521]

Pterogoniella stuhlmannii Broth. ex Paris = *Sematophyllum caespitosum* (2520: 89) (= *Sematophyllum subpinnatum*)

Pterogoniella undulata Renauld & Cardot = *Meiothecium undulatum* (1663)

Pterogoniella usambarica Broth. ex Paris = *Meiothecium usambaricum* (1521) (= *Donnellia usambarica*)

Pterogonium abbreviatum Mitt., *nom. nud.* = *Lindbergia abbreviata* [1521]

Pterogonium abruptum C.H.Wright = *Erythrodonium squarrosus* (717). Note: Dixon in Sim (1911) stated that

Pterogonium abruptum was a synonym of *Erythrodonium rotundifolium*, but Buck (717) used the older name

Erythrodonium squarrosus, and had not seen a type specimen of *Erythrodonium rotundifolium*.

Pterogonium curvifolium Mitt. = *Trachyphyllum curvifolium* [1521] (= *Trachyphyllum inflexum*)

Pterogonium decipiens C.H.Wright = *Trachyphyllum gastrodes* (715)

Pterogonium flavescens Hook. = *Campylodonium flavescens* [1521] (= *Mesonodon flavescens*)

Pterogonium fuscescens Hornsch. ex Müll.Hal., *nom. nud.* = *Meiothecium fuscescens* [1521]

***Pterogonium gracile* (Hedw.) Sm. CVI(2666), DJI(50), ETH(50,1927), KEN(46,3412,4112,5315,6614,7065), MDG(40), REU(105,3410), RWA(65), SAF(1531,7766,8328), TAN(46), UGA(46), ZAI(65).**

Pterogonium gracile var. *capense* Müll.Hal. = *Pterogonium gracile* [1911: 360; 1519: 556]

***Pterogonium gracile* var. *kilimandscharicum* (Müll.Hal.) M.Fleisch. TAN(46).**

***Pterogonium gracile* var. *madagassum* (Geh.) M.Fleisch. COM(40), MDG(40), REU(105).**

Pterogonium julaceum (Schwaegr.) Hook., *nom. inval. in synon* = *Erythrodonium julaceum* [1521]

Pterogonium kilimandscharicum Müll.Hal. = *Pterogonium gracile* var. *kilimandscharicum* (1521)

Pterogonium longirostre (Brid.) Arnott = *Diplostichum longirostre* [1521] (= *Eustichia longirostris*)

Pterogonium madagassum (Geh.) C.H.Wright = *Pterogonium gracile* var. *madagassum* [1521]

Pterogonium ornithopodioides (F.Weber & D.Mohr) Lindb., *nom. illeg. incl. spec. prior.* = *Pterogonium gracile* (1521)

Pterogonium productum Hornsch. = *Forsstroemia producta* (1519: 587)

Pterogonium smithii (Hedw.) Sm. = *Leptodon smithii* [1521]

Pterogonium viscosum (P.Beauv.) Schwaegr. = *Phyllogonium viscosum* [1521]

***Pterygoneurum macleanum* Warnst. SAF(1531,8328).**

Pterygophyllum asplenioides Brid. = *Calyptrochaeta asplenioides* (1519: 603)

Pterygophyllum debile (Sull.) A.Jaeger = *Leucomium aneurodictyon* [2737: 1107] (= *Leucomium strumosum*)

Pterygophyllum laetevirens (Hook. & Taylor) Brid. = *Cyclodictyon laetevirens* [1521]

Pterygophyllum mniaceum (Müll.Hal.) A.Jaeger = *Eriopus mniaceus* [1521] (= *Calyptrochaeta asplenioides*)

Pterygophyllum natalense Rehmann ex Paris, *nom. nud.* = *Cyclodictyon vallis-gratiae* [1911: 443]

Pterygophyllum splachnifolium (Brid.) Brid. = *Hookeria splachnifolia* [1521]

Pterygophyllum struthiopteris (Brid.) Brid. = *Lopidium struthiopteris* [1521]

Pterygophyllum sublucens Müll.Hal. ex Geh. = *Eriopus mniaceus* [6793: 288]

Pterygophyllum tamariscinum (Hedw.) Brid. = *Thuidium tamariscinum* [1521]

Pterygophyllum vesiculosum (Brid.) Brid. = *Cyclodictyon vesiculosum* [1521]

***Ptychomitriopsis africana* Dixon NAM(7155), SAF(1531,8328).**

- Ptychomitriopsis aloinoides*** Magill NAM(1519), SAF(1519,8328).
Ptychomitrium africanum (Dixon) S.P.Churchill = *Ptychomitriopsis africana* (1519: 463)
- Ptychomitrium crassinervium*** (Müll.Hal.) Schimp. ex Paris SAF(1531,8328), ZAM(62), ZIM(46).
- Ptychomitrium crispatum*** (Hedw.) A.Jaeger LES(1531), MDG(40), SAF(1531,7766,8328), SWZ(1531), TAN(1406), ZIM(46,61).
Ptychomitrium crispatum var. *brachycarpum* Hornsch. = *Ptychomitrium cucullatifolium* (1519: 472)
- Ptychomitrium cucullatifolium*** (Müll.Hal.) A.Jaeger LES(1531,4897), SAF(1531,4897,8328), ZIM(46).
- Ptychomitrium deltorii*** (Thér.) Broth. MDG(40).
Ptychomitrium depressum (Müll.Hal.) Paris = *Ptychomitrium sellowianum* (5669)
- Ptychomitrium diexaratum*** Magill ex Magill & Schelpe LES(1531,4897), SAF(1531,8328).
Ptychomitrium drouhardii Thér. = *Ptychomitrium deltorii* (5139)
Ptychomitrium eurybasis Dixon = *Ptychomitrium microblastum* (5139) (= *Ptychomitrium muelleri*)
- Ptychomitrium exaratifolium*** H.Rob. SAF(1531,8328), SWZ(1531).
Ptychomitrium godfreyi H.Rob. = *Ptychomitriopsis africana* (1519: 463)
- Ptychomitrium helenicum*** (Mitt.) Paris STH(1296,4202).
Ptychomitrium krausei Paris, *nom. nud.* Excluded: no description available.
Ptychomitrium marginatum (Wager & Dixon) Dixon = *Ptychomitrium subcrispatum* (1519: 466)
Ptychomitrium microblastum (Müll.Hal.) Paris = *Ptychomitrium muelleri* (6637)
Ptychomitrium mucronatum (Müll.Hal.) Schimp. ex Paris. Excluded: it is probably a *Trichostomum* (1911: 213).
- Ptychomitrium muelleri*** (Mitt.) A.Jaeger MLW(67,6087), SAF(1531,4418,6637,8328), SWZ(1531), ZIM(46,61,6637).
- Ptychomitrium nigrescens*** (Kuntze) Wijk & Margad. CVI(2666).
Ptychomitrium obtusatum (Müll.Hal.) Paris = *Ptychomitrium cucullatifolium* (1519: 472)
- Ptychomitrium sellowianum*** Müll.Hal. SAF(5669,7766,8328), SWZ(1531).
Ptychomitrium soulae Müll.Hal. ex Renauld & Cardot = *Chionoloma bombayense* [7961: 36]
- Ptychomitrium subcrispatum*** Thér. & P.de la Varde CVI(2666,6453), LES(1531,4897), MOZ(357), NAM(1531), REU(285), SAF(1531,4897,7766,8328), SWZ(1531), ZIM(46,61).
Ptychomnion aciculare (Brid.) Mitt. Excluded: the only Africa specimen (MAU(105)) could not be located, and it is thought that such a large and distinctive species in a well-worked area, if present, would not have been overlooked since 1801 (5546)
- Pungentella microcorma* Müll.Hal. ex Paris, *nom. nud. in synonym.* Excluded: an undescribed collection (*Dusén* 669) from Cameroon.
- Pungentella ochreifolia* Müll.Hal. ex Paris, *nom. nud. in synonym.* Excluded: an undescribed collection (*Dusén* 27) from Cameroon.
- Pungentella rhyrachophylla* Müll.Hal. ex Paris, *nom. nud. in synonym.* Excluded: an undescribed collection (*Dusén* 5) from Cameroon.
- Pylaisia africana* Müll.Hal. ex Geh., *nom. nud.* = *Hypnum cupressiforme* var. *capense* [7562: 149]. Excluded: see *Hypnum cupressiforme* var. *capense*.
- Pylaisia aureoides* Broth. & Paris = *Bryosedgwickia densa* (47: 521) (= *Platygyriella densa*)
- Pylaisia brevis* Schimp. ex M.Fleisch., *nom. nud.* = *Schwetschkea brevis* (1521)
- Pylaisia dusenii* Müll.Hal. ex Broth. = *Trachyphyllum dusenii* [1521]
- Pylaisia frahmii* (W.R.Buck) Ochyra = *Platygyriella frahmii* [7562: 148]
- Pylaisia guineensis* Broth. & Paris = *Heterophyllum guineense* [1521] (= *Rhacopilopsis variegata*)
- Pylaisia subcompressa* Müll.Hal. ex M.Fleisch., *nom. nud.* Excluded: see *Entodon subcompressus*.
- Pylaisiella frahmii* W.R.Buck = *Pylaisia frahmii* (7486: 183) (= *Platygyriella frahmii*)
- Pylaisiobryum abyssinicum*** (Müll.Hal.) Wijk & Margad. BIO(8180), CMN(47), ETH(50), GAB(47), KEN(46), NGA(5176,5745).
Pylaisiobryum cameruniae Broth. = *Pylaisiobryum abyssinicum* (715)
Pylaisiobryum schimperii M.Fleisch., *nom. illeg.* = *Pylaisiobryum abyssinicum* (47: 713)
Pyromitrium vulgare (Hedw.) Hampe = *Encalypta vulgaris* [1521]
Pyrrhobryum mauritanium (Besch.) Manuel = *Pyrrhobryum spiniforme* (7484)
- Pyrrhobryum spiniforme*** (Hedw.) Mitt. BIO(47,2662,3414), CMN(7984), COM(40,7484), GAB(47), KEN(46,3412,5315,7065), MAU(105), MDG(40,1925,7484), MLW(67,3069), MOZ(46), REU(105,7484), RIM(4639), RWA(65), SAF(1531,7766,8328), SAO(47), SEY(1926,1941,2353), TAN(46), UGA(3072), ZAI(65), ZIM(46).
Pyrrhobryum spiniforme (Hedw.) Mitt. Note: in a brief review of the genus in Africa, O'Shea (3069) suggested that the two varieties of *Pyrrhobryum spiniforme* were probably synonymous with the species, but no synonyms were made.

Pyrrhobryum spiniforme var. *acunhense* (Besch.) Manuel. Excluded: the record of this taxon for Mauritius is probably erroneous: see O'Shea *et al.* (3072)

Pyrrhobryum spiniforme* var. *brevifolium (Besch.) Manuel REU(105).

Pyrrhobryum spiniforme* var. *comorense (Müll.Hal.) Manuel COM(40).

Pyrrhobryum vallis-gratiae (Hampe ex Müll.Hal.) Manuel SAF(1531,7484,8328).

Quathlamba debilicostata Magill = *Neosharpiella aztecorum* (6661)

Rabronia schimperi Hampe ex Kindb., *hom. illeg. incl. spec. prior.* = *Fabronia abyssinica* [1506: 36]

Racomitrium aciculare sensu auct. afr. = *Racomitrium lamprocarpum* [7643: 200]

Racomitrium alare (Broth.) Paris = *Racomitrium subsecundum* (1124)

Racomitrium austropatens Müll.Hal. = *Racomitrium crispulum* [6568: 201; 82: 281]

Racomitrium borbonicum Brid. = *Racomitrium lanuginosum* var. *lanuginosum* (1914)

Racomitrium capense Lorentz = *Racomitrium crispulum* [1911: 212; 82: 281]

Racomitrium crispipulum (Taylor) A.Jaeger RWA(65), SAF(4897,8328), UGA(7353).

Racomitrium crispulum (Hook.f. & Wilson) Hook.f. & Wilson LES(4897), SAF(1531,8328), ZIM(61).

Racomitrium crispulum var. *tasmanicum* (Hampe) E.Lawton = *Racomitrium membranaceum* (1915)

Racomitrium defoliatum Dixon = *Racomitrium lamprocarpum* (2860)

Racomitrium drakensbergense Sim = *Racomitrium crispulum* (82: 281)

Racomitrium durum (Broth.) Paris = *Racomitrium subsecundum* (1124)

Racomitrium hypnoides Lindb. = *Racomitrium lanuginosum* (1521)

Racomitrium incanum Müll.Hal. = *Racomitrium lanuginosum* (82: 278)

Racomitrium lamprocarpum (Müll.Hal.) A.Jaeger KEN(46,5315), RWA(65),

SAF(1531,8328), TAN(46), UGA(46), ZAI(65,5319).

Racomitrium lanuginosum (Hedw.) Brid. MAU(105), REU(105), SAF(1531,1882,8328), STH(1296), ZAI(65).

Racomitrium lanuginosum var. *pruinatum* Wilson in Hook.f. = *Racomitrium lanuginosum* (82: 278)

Racomitrium lanuginosum var. *squalidum* (Brid.) Brid. = *Racomitrium lanuginosum* (1914)

Racomitrium lepevanchei Besch. = *Racomitrium crispulum* var. *tasmanicum* (40: 210) (= *Racomitrium membranaceum*)

Racomitrium membranaceum (Mitt.) Paris MDG(40), REU(105,287,4903), SEY(1945,1946,2328,2353).

Racomitrium nigroviride (Broth.) Paris = *Racomitrium lamprocarpum* (1124)

Racomitrium nigroviride var. *robustusculum* (Müll.Hal.) Paris = *Racomitrium nigroviride* (82: 279) (= *Racomitrium lamprocarpum*)

Racomitrium pruinatum (Wilson in Hook.f.) Müll.Hal. = *Racomitrium lanuginosum* (82: 278)

Racomitrium pseudoaciculare (Müll.Hal.) Paris = *Racomitrium nigroviride* (82: 279) (= *Racomitrium lamprocarpum*)

Racomitrium seychellarum Besch. = *Racomitrium membranaceum* (1915)

Racomitrium subsecundum (Hook. & Grev.) Mitt. & Wilson BIO(8180), CMN(47), KEN(46,3412,5315), REU(105), RWA(65), TAN(46), UGA(46), ZAI(65,5319).

Racopilum africanum Mitt. ANG(46), BIO(2662), CAF(47), CMN(47), COM(40), CON(47), DJI(50), ERI(50), ETH(50,111), GAB(47), GUI(47), IVO(1880), KEN(46,2661,6615,7065), MAU(105,3410), MDG(40), NGA(5160), REU(105,3410), ROD(105), SIE(47,3216), TAN(46), TOG(58,2851), UGA(46), ZAI(65,5319).

Racopilum africanum Mitt. Note: according to van Zanten (pers. comm.), all described African species of *Racopilum* may belong to this species.

Racopilum angustifolium Schimp. ex Besch., *nom. nud. in err.* = *Racopilum angustistipulaceum* [1521]

Racopilum angustistipulaceum Müll.Hal. COM(40).

Racopilum aubertii P.Beauv. = *Cyclodictyon aubertii* (1521)

Racopilum ayresii Mitt. REU(105).

Racopilum brevipes Müll.Hal. ex Broth. CMN(47), GUI(47), IVO(63), TOG(58).

Racopilum buettneri Broth. CAF(47,355), GAB(47), GUI(47,1458), IVO(1458), SIE(47), TOG(58), ZAI(65).

Racopilum buettneri fo. *brevirostre* Thér. & P.de la Varde. Excluded: any records for this form have been associated with the owning species.

Racopilum capense Müll.Hal. ex Broth. BUR(65), CAF(47), CMN(47), ETH(111,1927), GAB(47), GHA(47), IVO(44), KEN(46), MLW(67), REU(105), RIM(4639), RWA(65), SAF(1531,4897,7766,8328), SIE(47), SOC(5613,6049), SWZ(1531), TAN(46), TOG(58,1878,2851), UGA(46), ZAI(65), ZAM(46,62), ZIM(46,61).

Racopilum capense* var. *subintegrifolium Thér. & P.de la Varde CAF(47).

Racopilum cardotii Renauld MDG(40).

- Racopilum chevalieri*** Thér. CAF(47), GUI(47), TOG(1878).
- Racopilum crassispidatum*** Thér. & Corb. CAF(47), GAB(47).
- Racopilum cuspidigerum*** var. *cuspidigerum* (Schwägr.) Ångstr. BIO(2662), ZAI(5319).
- Racopilum ellipticum*** Renauld MDG(40).
- Racopilum gracile*** Mitt. ASC(1296,5331,5340).
- Racopilum leptotapes*** Müll.Hal. ex Cardot CAF(47), IVO(47), ZAI(65).
Racopilum longe-aristatum Müll.Hal. ex Venturi = *Racopilum africanum* [2734: 308]
- Racopilum macrocarpum*** Broth. BUR(65), TAN(46), UGA(46), ZAI(65).
- Racopilum madagassum*** Renauld MDG(40), ZAI(65).
- Racopilum madagassum*** var. *grandistipulaceum* Thér. & Renauld MDG(40).
- Racopilum marginatum*** Dixon CAF(47), GAB(47), GUI(47,5041), LBR(47), MDG(40), UGA(46), ZAI(65), ZAM(7984).
- Racopilum mauritianum*** Müll.Hal. ex Besch. ETH(50), MAU(105,3410), MDG(40), REU(105,3410).
- Racopilum microdictyon*** Besch. COM(40), MDG(40).
Racopilum mnioides P.Beauv. = *Racopilum tomentosum* [77: 719]
Racopilum mucronatum (P.Beauv.) Mitt. = *Racopilum tomentosum* [1506: 12]
- Racopilum naumannii*** Müll.Hal. ASC(1296,5340).
- Racopilum orthocarpioides*** Broth. CAF(47), CMN(47), CON(47), GAB(47), GHA(47), GUI(47), IVO(44,1880), LBR(47), NGA(334,5148,5160,5176,6263), SAO(47), SIE(47,3216), TOG(1878,2851), ZAI(65).
- Racopilum pectinatum*** Müll.Hal. SUD(3076).
- Racopilum penzigii*** Müll.Hal. ERI(50).
- Racopilum perrieri*** Thér. MDG(40).
- Racopilum plicatum*** Renauld & Cardot COM(40), KEN(46), MDG(40), TAN(46).
Racopilum praelongum Schimp. ex Besch. = *Racopilum africanum* [1521; 40: 222]
Racopilum praelongum var. *nossianum* Besch, nom. inval. err. = *Racopilum praelongum* var. *nossibeatum* [1521] (= *Racopilum africanum*)
Racopilum praelongum var. *nossibeatum* Besch. = *Racopilum africanum* (40: 222)
Racopilum praelongum var. *subintegrum* Besch. = *Racopilum africanum* (40: 222)
- Racopilum schmidii*** (Müll.Hal.) Mitt. REU(105).
- Racopilum speluncae*** Müll.Hal. ERI(50), ETH(50,111), KEN(46), SUD(3076), TAN(46), UGA(46), ZAI(65).
Racopilum speluncae var. *grandistipulaceum* Dixon ex Tosco & Piovano, nom. inv. Excluded: reported from Kenya [46], but treated as a synonym of the species as no type specimen is known.
- Racopilum thomeanum*** Broth. GUI(47), SAO(47).
- Racopilum tomentosum*** (Hedw.) Brid. AGA(40,2327), ANG(46), BIO(47), GUI(47), KEN(5315), MAU(105), MDG(40), REU(105).
Racopilum tomentosum var. *africanum* Brid. = *Racopilum tomentosum* [4250: 1085]
- Racopilum ugandae*** Dixon UGA(46), ZAI(65).
- Radulina borbonica*** (Bél.) W.R.Buck ANN(47), BIO(2662,6808), CAF(47), CMN(47,6808), COM(40,6808), CON(47), GAB(47), GHA(3072,6808), IVO(1880), LBR(47), MAU(105,3410,6808), MDG(40,6808), MLW(6808), NGA(47,6808), REU(105,3410,6808), RIM(4639), RWA(65), SAO(47), SEY(1946,2195,2328,2353,6808), TAN(46,6808), UGA(46,5696,6808), ZAI(65,5319).
Rauia abbreviata Broth. = *Rauellia abbreviata* [1521] (= *Rauiella praelonga*)
Rauia subfilamentosa (Besch.) Broth. = *Rauiella subfilamentosa* [1521] (= *Rauiella praelonga*)
Rauiella abbreviata (Broth.) Wijk & Margad. = *Rauiella subfilamentosa* (32) (= *Rauiella praelonga*)
- Rauiella praelonga*** (Schimp. ex Besch.) Wijk & Margad. KEN(46), MDG(32,40), MLW(67), SAF(32,1531,8328), TAN(46), ZIM(46).
Rauiella subfilamentosa (Kiaer ex Besch.) Wijk & Margad. = *Rauiella praelonga* [542]
Regmatodon acidodon (Mont.) Paris = *Macrohymenium acidodon* [1521]
Regmatodon acidodon var. *acutissimus* (Besch.) Paris = *Macrohymenium acidodon* [2331: 292]
Regmatodon brevicuspis P.de la Varde & V.Leroy = *Regmatodon secundus* (1908) (= *Regmatodon orthostegius*)
Regmatodon imbricata Broth. Excluded: clerical error in Born *et al.* (65); taxon does not exist (Frahm, pers. comm.)
Regmatodon madagassus Müll.Hal. = *Macrohymenium acidodon* [595: 24; 4579]

- Regmatodon newtonii* Müll.Hal. ex Broth. = *Regmatodon polycarpus* (1908) (= *Regmatodon orthostegius*)
Regmatodon orthostegius Mont. BIO(47,4579), CMN(47,4579), GUI(47,4579),
 KEN(46,3412,4579), MDG(40,4579), MLW(67,3069,4579), TAN(46,4579), UGA(4282),
 ZAI(65).
Regmatodon polycarpus (Griff.) Mitt. = *Regmatodon orthostegius* (5221)
Regmatodon secundus Kiaer = *Regmatodon polycarpus* (1908) (= *Regmatodon orthostegius*)
Rehmanniella africana Müll.Hal. = *Goniomitrium africanum* (83: 313) (= *Goniomitrium acuminatum* var. *africanum*)
Renauldia africana (Broth.) Broth. = *Calypothecium hoehnelii* [2864: 98; 2]
Renauldia coppeyi Cardot in Grandid. = *Renauldia hildebrandtielloides* [2854: 102]
Renauldia cymbifolia Cardot & Dixon in Grandid. = *Orthostichidium perpinnatum* [2854: 102,103] (= *Orthostichidium involutifolium*)
Renauldia dichotoma Müll.Hal. ex Renauld = *Cryphaea rutenbergii* [10: 742]
Renauldia dusenii (Broth.) Broth. BIO(2,47,2662), CMN(2,47).
Renauldia hildebrandtielloides Müll.Hal. MDG(2,40).
Renauldia hoehnelii (Müll.Hal.) Broth. = *Calypothecium hoehnelii* (2)
Renauldia hoehnelii var. *angustifolia* Dixon ex Tosco & Piovano = *Calypothecium hoehnelii* var. *angustifolia* (45)
Renauldia imbricata Broth. in Mildbr. = *Calypothecium hoehnelii* (2)
Renauldia lycopodioides Bizot ex Pócs KEN(7065), TAN(46,109).
Renauldia patentissima (Hampe) Broth. MDG(2,40).
Renauldia patentissima var. *mutica* Thér. MDG(40).
Renauldia patentissima var. *tenuis* Thér., nom. nud. Excluded: an undescribed collection (*Rutenberg s.n.*) from
 Madagascar [1848: 342].
Rhabdoweisia africana Dixon & Naveau KEN(5315,5922), TAN(46), UGA(46),
 ZAI(65,5922).
Rhabdoweisia crispata (Dicks.) Lindb. LES(1448), SAF(1531,8328).
Rhabdoweisia cyathicarpa (Mont.) Mitt. = *Amphidium cyathicarpum* [1521] (= *Amphidium tortuosum*)
Rhabdoweisia fugax (Hedw.) Bruch & Schimp. CMN(47), KEN(5315,5922),
 RWA(65,5922), SAF(1531,8328), TAN(46), ZAI(65,5922), ZIM(61).
Rhabdoweisia lineata P.W.Richards & Argent BIO(8180).
Rhabdoweisia lineata P.W.Richards & Argent = *Rhabdoweisia fugax* (5922)
Rhachitheciopsis tisserantii P.de la Varde CAF(47,3055,3641), ZAI(3055).
Rhachithecium perpupillum (Thwaites & Mitt.) Broth. BUR(65), CAF(47), GUI(47),
 MDG(40), MLW(67,3069), NGA(333,334), SAF(1531,8328), TAN(46,333), ZAI(65,333),
 ZAM(62,333), ZIM(46,61).
Rhachithecium tisserantii (P.de la Varde) H.Rob. = *Rhachitheciopsis tisserantii* (3641)
Rhachithecium transvaaliense (Müll.Hal.) Broth. = *Rhachithecium perpupillum* [3001: 32]
Rhachithecium welwitschii (Duby) R.H.Zander ANG(3641).
Rhacocarpus breutelianus (Müll.Hal.) Broth. = *Rhacocarpus rehmannianus* [1911: 353; 2352]
Rhacocarpus capensis Paris, nom. illeg. incl. spec. prior. = *Rhacocarpus rehmannianus* [1911: 353; 2352]
Rhacocarpus cucullatus Paris, nom. nud. = *Rhacocarpus rehmannianus* [5567: 391]
Rhacocarpus cuspidatus Paris, nom. illeg. incl. spec. prior. = *Rhacocarpus ecklonianus* [1911: 352] (= *Rhacocarpus purpurascens*)
Rhacocarpus ecklonianus (Müll.Hal.) Broth. = *Rhacocarpus purpurascens* (178)
Rhacocarpus gracillimus (Müll.Hal.) Broth. = *Rhacocarpus ecklonianus* [1911: 352] (= *Rhacocarpus purpurascens*)
Rhacocarpus humboldtii (Hook.) Lindb. = *Rhacocarpus purpurascens* [10: 721]
Rhacocarpus humboldtii var. *rufipilus* (Renauld & Cardot) Paris = *Rhacocarpus purpurascens* [2352]
Rhacocarpus piliferus Paris, nom. illeg. incl. spec. prior. = *Rhacocarpus ecklonianus* [1911: 352] (= *Rhacocarpus purpurascens*)
Rhacocarpus purpurascens (Brid.) Paris KEN(46,2352,3412,5315), LES(1531),
 MDG(40,1925,2352), MLW(67,3069), REU(105,1925,2352), RWA(46,65),
 SAF(1531,8328), TAN(46,2352), UGA(46), ZAI(65,2352,5319), ZIM(61).
Rhacocarpus purpurascens var. *rufipilus* (Renauld & Cardot) Wijk & Margad. = *Rhacocarpus purpurascens* [2352]
Rhacocarpus rehmannianus (Müll.Hal.) Wijk & Margad. Note: this taxon (treated as a synonym of *Rhacocarpus purpurascens* in the first version of this checklist (1531)) is here treated as a full species, following Frahm (2352).
Rhacocarpus rehmannianus var. *rehmannianus* (Müll.Hal.) Wijk & Margad. SAF(2352).
Rhacocarpus rehmannii Paris, nom. illeg. incl. spec. prior. = *Rhacocarpus rehmannianus* [1521]
Rhacopilopsis chlorizans (Welw. & Duby) Cardot = *Rhacopilopsis trinitensis* (2746: 88)
Rhacopilopsis dupuisii (Renauld & Cardot) Renauld & Cardot ex Paris = *Rhacopilopsis trinitensis* (2746: 88)
Rhacopilopsis flexilis (Renauld & Cardot) W.R.Buck = *Rhacopilopsis variegata* (4720)
Rhacopilopsis guineensis (Broth. & Paris) W.R.Buck = *Rhacopilopsis variegata* (4720)
Rhacopilopsis kilimandscharica (Broth. & P.de la Varde) W.R.Buck = *Rhacopilopsis trinitensis* (4720)

- Rhacopilopsis pechuelii* (Müll.Hal.) Renauld & Cardot = *Rhacopilopsis trinitensis* (2746: 88)
Rhacopilopsis pechuelii var. *acuminata* (Cardot) Demaret = *Rhacopilopsis trinitensis* var. *acuminata* [1521] (= *Rhacopilopsis trinitensis*)
Rhacopilopsis pechuelii var. *gracilis* (Cardot) Demaret = *Rhacopilopsis trinitensis* var. *gracilis* [1521] (= *Rhacopilopsis trinitensis*)
Rhacopilopsis transvaaliensis (Thér. & Dixon ex Sim) W.R.Buck = *Rhacopilopsis trinitensis* (4720)
- Rhacopilopsis trinitensis*** (Müll.Hal.) E.Britton ex Dixon ANG(46,4720), CAF(47,4720), CMN(47,4720), CON(47), ETH(1927), GAB(47,4720), GHA(47,4720), GUI(47,5041), IVO(47,1458,1880,4720), MDG(40), MLW(67,4720), NGA(47,4720,5148,5176), RIM(4639), RWA(65,4720), SAF(1531,4720,8328), SAO(47), SIE(3216,4720), TAN(46,4720), TOG(1878), UGA(46,4720,7981), ZAI(65,2672,4720,5319), ZAM(46), ZIM(61).
- Rhacopilopsis trinitensis* fo. *densa* Dixon ex Tosco & Piovano = *Rhacopilopsis trinitensis* (4720)
Rhacopilopsis trinitensis var. *acuminata* (Cardot) P.de la Varde = *Rhacopilopsis trinitensis* (4720)
Rhacopilopsis trinitensis var. *gracilis* (Cardot) P.de la Varde = *Rhacopilopsis trinitensis* (4720)
Rhacopilopsis trinitensis var. *pendula* P.de la Varde = *Rhacopilopsis trinitensis* (4720)
Rhacopilopsis trinitensis var. *perserrata* J.Taylor & P.de la Varde = *Rhacopilopsis trinitensis* (4720)
- Rhacopilopsis variegata*** (Welw. & Duby) M.C.Watling & O'Shea ANG(46,3072,4720), CAF(47,4720), GAB(47,4720), GUI(47,4720), LBR(47,4720), MDG(717,4720), MLW(3072,4720), MOZ(4720), RWA(4720), SAF(4720,8328), SIE(47,4720), TAN(4720), UGA(7353,7981), ZAI(65,4720).
- Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch. (auct. afr.) = *Warburgiella leptorrhyncha* (4015). Note: *Rhaphidorrhynchium amoenum* is a plant of Australia and South America, but unfortunately the name was used for specimens of *Warburgiella leptorrhyncha* in Africa. This is discussed further in a review of *Warburgiella* by O'Shea (4015).
- Rhaphidorrhynchium angustissimum*** (Geh.) Broth. MDG(40).
- Rhaphidorrhynchium argyrophyllum*** (Besch.) Broth. CAF(47), CON(47), GAB(47).
- Rhaphidorrhynchium brevihorridum*** (Broth.) Broth. CAF(47), CMN(47), CON(47), GAB(47), IVO(1880), NGA(334).
- Rhaphidorrhynchium cambouei*** (Renauld & Cardot) Broth. MDG(40).
- Rhaphidorrhynchium crispans*** (Besch.) Broth. REU(105).
- Rhaphidorrhynchium dentigerum* (Müll.Hal.) Broth. = *Rhaphidorrhynchium dregei* [1911: 429] (= *Sematophyllum dregei*)
Rhaphidorrhynchium dregei (Müll.Hal.) Broth. = *Sematophyllum dregei* (53: 24)
- Rhaphidorrhynchium gabonense*** Broth. & P.de la Varde GAB(47).
- Rhaphidorrhynchium gueinzii* (Hampe) Broth. = *Sematophyllum gueinzii* (53: 24)
Rhaphidorrhynchium hyalotis (Müll.Hal.) Broth. = *Rhaphidorrhynchium gueinzii* [11: 11: 428] (= *Sematophyllum gueinzii*)
Rhaphidorrhynchium krakakammae (Müll.Hal.) Broth. = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
- Rhaphidorrhynchium lamprosericeum*** (Renauld & Cardot) Broth. IVO(1880), NGA(5160,5176), ZAI(65,2772).
- Rhaphidorrhynchium nigricaula* (Brid.) Broth. = *Sematophyllum subsimplex* (3216)
Rhaphidorrhynchium pervilleanum (Geh.) Broth. = *Trichosteleum pervilleanum* (717)
Rhaphidorrhynchium plumularium (Mitt.) Broth. = *Sematophyllum erythrocaulon* (4626)
Rhaphidorrhynchium pseudobrachythecium (Broth.) Broth. = *Sematophyllum subsimplex* (717)
Rhaphidorrhynchium rehmannii (Müll.Hal.) Broth. = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
- Rhaphidorrhynchium rubricaula*** (Besch.) Broth. MDG(40), REU(105,3410).
- Rhaphidorrhynchium tapeinophyllum* (Müll.Hal.) Broth. = *Rhaphidorrhynchium dregei* [4800: 220] (= *Sematophyllum dregei*)
Rhaphidorrhynchium zuluense Sim = *Sematophyllum zuluense* (53: 24)
Rhaphidorrhynchium borbonicum (Bél.) Mitt., comb. inval. = *Trichosteleum borbonicum* [1521] (= *Radulina borbonica*)
Rhaphidostegium adhaerens Besch. = *Warburgiella adhaerens* [1521] (= *Trichosteleum adhaerens*)
Rhaphidostegium afrodemissum (Müll.Hal.) Paris = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium albialare Paris, nom. nud. = *Acanthocladium albialare* [1521] (= *Rhacopilopsis variegata*)
Rhaphidostegium amblystegiocarpum (Müll.Hal.) Kindb. = *Sematophyllum amblystegiocarpum* [1521]
Rhaphidostegium andungense (Welw. & Duby) A.Jaeger = *Stereophyllum andungense* (1521)
Rhaphidostegium andungense var. *majus* (Welw. & Duby) Paris = *Stereophyllum andungense* [1433: 307-308]
Rhaphidostegium angusticybeum (Müll.Hal.) A.Jaeger = *Sematophyllum angusticybeum* (1521)
Rhaphidostegium angustissimum (Geh.) Renauld = *Rhaphidorrhynchium angustissimum* [1521]
Rhaphidostegium anotis (Müll.Hal.) Paris = *Ectropothecium regulare* [1911: 425]

- Rhaphidostegium argyrophyllum* Besch. = *Rhaphidorrhynchium argyrophyllum* [1521]
Rhaphidostegium asperulifolium Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 14*) from Cameroon.
Rhaphidostegium ayresii A.Jaeger, *nom. nud.* Excluded: an undescribed collection from Mauritius.
Rhaphidostegium boivinii A.Jaeger, *nom. nud.* = *Vesicularia galerulata* [1848: 480]
Rhaphidostegium borbonicum (Bél.) Besch. = *Trichosteleum borbonicum* [1521] (= *Radulina borbonica*)
Rhaphidostegium boswellii Paris, *nom. nud.* Excluded: an undescribed collection from Madagascar.
Rhaphidostegium brachycarpum (Hampe) A.Jaeger = *Sematophyllum brachycarpum* (1521)
Rhaphidostegium brachycormum Paris, *nom. nud.* Excluded: an undescribed specimen (*Dusén 260*) from Cameroon.
Rhaphidostegium brachyoxum Paris, *nom. nud.* Excluded: an undescribed specimen from Cameroon.
Rhaphidostegium brachytheциiforme Broth. = *Sematophyllum brachytheциiforme* [1521]
Rhaphidostegium breviorridum Broth. = *Rhaphidorrhynchium breviorridum* [1521]
Rhaphidostegium caespitosum (Hedw.) Besch. = *Sematophyllum subpinnatum* (3419)
Rhaphidostegium caespitosum var. *gracile* Dixon. Note: treat as *Sematophyllum caespitosum* (= *Sematophyllum subpinnatum*).
Rhaphidostegium calabarensis Paris, *nom. illeg. incl. spec. prior.* = *Sematophyllum trachaelocarpum* [1521]
Rhaphidostegium cambouei Renaud & Cardot = *Rhaphidorrhynchium cambouei* [1521]
Rhaphidostegium catillum (Müll.Hal.) A.Jaeger = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium causequei (Renaud & Cardot) Broth. ex Paris = *Hygrohypnum causequei* [1521]
Rhaphidostegium caespitosum (Hedw.) Besch., *orthogr.* = *Rhaphidostegium caespitosum* [1521] (= *Sematophyllum subpinnatum*)
Rhaphidostegium chrysotis Broth. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium concolor A.Gepp in Hiern. = *Hypnum* sp. (1521)
Rhaphidostegium congolense (Cardot) Cardot in Grandid. = *Meiothecium congolense* [1521]
Rhaphidostegium constrictum (Brid.) Besch. *hom. illeg.* = *Trichosteleum constrictum* [1521]
Rhaphidostegium coppeyi Cardot in Grandid. = *Sematophyllum coppeyi* [1521]
Rhaphidostegium crassirete Cardot = *Sematophyllum crassirete* (1521)
Rhaphidostegium crassiusculum (Brid.) A.Jaeger = *Sematophyllum crassiusculum* (1521)
Rhaphidostegium crispans Besch. = *Rhaphidorrhynchium crispans* [1521]
Rhaphidostegium cuspidatum Schimp. ex A.Jaeger, *nom. nud.* = *Acroporium megasporum* [1848: 510; 40: 239]
Rhaphidostegium danckelmannii (Müll.Hal.) Kindb. = *Sematophyllum danckelmannii* [1521]
Rhaphidostegium debetiei Besch. = *Trichosteleum debetiei* [1521]
Rhaphidostegium decolor Besch. = *Acanthorrhynchium decolor* [1521] (= *Acanthorrhynchium papillatum*)
Rhaphidostegium densirete Thér., *hom. illeg.* = *Rhaphidostegium dixonii* (1521) (= *Sematophyllum dixonii*)
Rhaphidostegium dentigerum (Muell.Hal.) Paris = *Rhaphidorrhynchium dregei* [1921: 429] (= *Sematophyllum dregei*)
Rhaphidostegium dicnemonella Broth. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium dixonii Thér. = *Sematophyllum dixonii* (1663)
Rhaphidostegium dregei (Muell.Hal.) A.Jaeger = *Rhaphidorrhynchium dregei* [1521] (= *Sematophyllum dregei*)
Rhaphidostegium dubium Renaud = *Sematophyllum dubium* [1521]
Rhaphidostegium duisaboanae Besch., *nom. illeg. incl. spec. prior.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium duisaboanum (Mont.) Paris = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium duisaboanum var. *argillicola* Renaud & Cardot Note: treat as *Sematophyllum caespitosum*.
Rhaphidostegium duisabonae A.Jaeger, *nom. illeg. incl. spec. prior.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium duisabonae var. *granulosum* Besch. Note: treat as *Sematophyllum caespitosum*.
Rhaphidostegium duisabonae var. *leduceanum* (Mont.) Besch. = *Sematophyllum caespitosum* var. *leduceanum* (1521) (= *Sematophyllum subpinnatum*)
Rhaphidostegium duisabonae var. *nossianum* Besch. Note: treat as *Sematophyllum caespitosum*.
Rhaphidostegium duisabonae var. *rigidiusculum* Besch. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium duisabonae var. *rufulum* Besch. Note: treat as *Sematophyllum caespitosum*.
Rhaphidostegium elgonense Dixon = *Sematophyllum elgonense* (1521)
Rhaphidostegium flagellicaule Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 667*) from Cameroon.
Rhaphidostegium fluminale Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Rhaphidostegium fulvifolium (Mitt.) Paris = *Sematophyllum fulvifolium* [1521]
Rhaphidostegium gibbosulum (Müll.Hal.) Besch. = *Isopterygium gibbosulum* [1521]
Rhaphidostegium glutinosum Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Rhaphidostegium gueinzii (Hampe) A.Jaeger = *Rhaphidorrhynchium gueinzii* [1521] (= *Sematophyllum gueinzii*)
Rhaphidostegium gueinzii var. *prostrata* (Müll.Hal.) A.Jaeger = *Rhaphidorrhynchium gueinzii* [1911: 439] (= *Sematophyllum gueinzii*)
Rhaphidostegium hamulosum Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed specimen from Réunion
Rhaphidostegium helenicum (Mitt.) Paris = *Sematophyllum helenicum* [1521]
Rhaphidostegium hyalotis (Müll.Hal.) Paris = *Rhaphidorrhynchium gueinzii* [11: 428] (= *Sematophyllum gueinzii*)
Rhaphidostegium irrepens (Duby) A.Jaeger = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium julicaule Broth. & Paris = *Heterophyllum julicaule* [1521] (= *Rhacopilopsis variegata*)
Rhaphidostegium krakakammae (Müll.Hal.) A.Jaeger = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)

- Rhaphidostegium laetevirens* Broth. & Paris = *Sematophyllum laetevirens* [1521]
Rhaphidostegium lamprocladum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 21*) from Cameroon.
Rhaphidostegium lamprosericeum Renaud & Cardot = *Rhaphidorrhynchium lamprosericeum* [1521]
Rhaphidostegium laxum A.Jaeger, *nom. nud.* Excluded: an undescribed Ayres collection from Mauritius.
Rhaphidostegium leptobolax Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 700*) from Cameroon.
Rhaphidostegium leptorrhynchum A.Jaeger = *Warburgiella leptorrhyncha* [1521]
Rhaphidostegium loucoubense Besch. = *Acanthorrhynchium loucoubense* [1521] (= *Acanthorrhynchium papillosum*)
Rhaphidostegium lucidum Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection from Mauritius.
Rhaphidostegium luridum Schimp. ex Besch., *nom. nud.* Excluded: an undescribed collection from Mauritius.
Rhaphidostegium mahense Besch. = *Rhaphidostichium mahense* [1521] (= *Papillidiopsis mahensis*)
Rhaphidostegium maritimum (Hook.) A.Jaeger = *Leucodon maritimum* [1521] (= *Pterogoniadelphus assimilis*)
Rhaphidostegium megasporum (Duby) Besch. = *Acroporium megasporum* [1521]
Rhaphidostegium megasporum var. *densum* (Renaud & Cardot) Paris = *Acroporium megasporum* var. *densum* [1521]
Rhaphidostegium microdontum Besch. = *Trichosteleum microdontum* [1521]
Rhaphidostegium microdus Besch. ex C.H.Wright = *Trichosteleum microdontum* [1521]
Rhaphidostegium nanopyxis (Geh.) Paris = *Sematophyllum nanopyxis* (1663)
Rhaphidostegium nanothecium A.Jaeger, *nom. nud.* Excluded: an undescribed Robillard collection from Mauritius; Bizot [108] and a specimen in BM suggest that this is a species of *Sematophyllum*.
Rhaphidostegium nematocaulon (Müll.Hal.) Besch. = *Sematophyllum nematocaulon* [1521]
Rhaphidostegium nigricaula (Brid.) A.Jaeger = *Rhaphidorrhynchium nigricaula* [1521] (= *Sematophyllum subsimplex*)
Rhaphidostegium nivescens Broth. = *Isopterygium nivescens* [1521]
Rhaphidostegium obtusifolium (Renaud & Cardot) Broth., *hom. illeg.* = *Sematophyllum obtusifolium* [1521]
Rhaphidostegium peralare Broth. & Paris = *Sematophyllum parisii* [11: 433]
Rhaphidostegium ovalifolium Besch. = *Glossadelphus ovalifolius* [1521] (= *Ectropothecium ovalifolium*)
Rhaphidostegium pallens Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection by Ayres, from Mauritius.
Rhaphidostegium parisii Broth., *nom. illeg. incl. spec. prior.* = *Sematophyllum parisii* [1521]
Rhaphidostegium pechuelii (Müll.Hal.) Paris = *Rhacopilopsis trinitensis* [2746: 88]
Rhaphidostegium peralare Broth. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium perlaxum Paris, *nom. nud.* = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Rhaphidostegium perrevolutum Broth. = *Sematophyllum perrevolutum* (1521)
Rhaphidostegium perrotii Renaud & Cardot in Renaud = *Trichosteleum perrotii* [1521]
Rhaphidostegium pervilleanum (Geh.) Besch. = *Rhaphidorrhynchium pervilleanum* [1521] (= *Trichosteleum pervilleanum*)
Rhaphidostegium physaophyllos (Welw. & Duby) A.Gepp in Hiern. = *Sematophyllum physaophyllos* (1521)
Rhaphidostegium piliferum A.Jaeger, *nom. nud.* Excluded: an undescribed collection (*Bory St. Vincent s.n.*) from Réunion.
Rhaphidostegium plumularium (Mitt.) Paris = *Rhaphidorrhynchium plumularium* (1521)
Rhaphidostegium pobeguini Broth. & Paris = *Sematophyllum pobeguini* [1521]
Rhaphidostegium polycarpum Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection (*Ayres s.n.*) from Mauritius.
Rhaphidostegium protensum Renaud & Cardot = *Acanthocladium protensum* [1521] (= *Wijkia protensa*)
Rhaphidostegium pseudo-amoenum (Bél.) Besch. = *Taxithelium pseudo-amoenum* [1521]
Rhaphidostegium pseudobrachythecium Broth. = *Sematophyllum subsimplex* [717]
Rhaphidostegium punctatum (Geh.) Paris, *nom. inval. in synonym.* = *Trichosteleum borbonicum* var. *brachycarpum* [1848: 503] (= *Radulina borbonica*)
Rhaphidostegium punctulatum Paris, *nom. illeg. incl. spec. prior.* = *Trichosteleum borbonicum* var. *brachycarpum* [1848: 503] (= *Radulina borbonica*)
Rhaphidostegium rehmannii (Müll.Hal.) Paris = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
Rhaphidostegium reichardtii (Müll.Hal.) Paris = *Sematophyllum brachycarpum* [1911: 435]
Rhaphidostegium renauldii Cardot in Grandid. = *Sematophyllum obtusifolium* [1521]
Rhaphidostegium replicatum Besch. = *Sematophyllum caespitosum* [2746: 88] (= *Sematophyllum subpinnatum*)
Rhaphidostegium resupinatum Schimp. ex A.Jaeger, *nom. nud.* Excluded: an undescribed collection (*Ayres s.n.*) from Mauritius.
Rhaphidostegium rhaphidorhynchum Müll.Hal. ex Paris. Excluded: an undescribed collection (*Rehmann 370*) from Cape Peninsula, South Africa.
Rhaphidostegium rigescens Cardot in Grandid. = *Sematophyllum rigescens* (1663)
Rhaphidostegium rigidicaule (Broth.) Paris = *Trismegistia rigidicaulis* [1521]
Rhaphidostegium rivuletorum Broth. = *Sematophyllum rivuletorum* [1521]
Rhaphidostegium rodriguezii Paris = *Sematophyllum incurvum* (1521)
Rhaphidostegium rubricaule Besch. = *Rhaphidorrhynchium rubricaule* [1521]
Rhaphidostegium rufoviride Besch. = *Clastobryophilum rufoviride* [1521] (= *Clastobryophilum bogoricum*)
Rhaphidostegium rusciforme Syd., *nom. illeg. incl. spec. prior.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)
Rhaphidostegium rutenbergii Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
Rhaphidostegium sauloma Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Rhaphidostegium schimperi (Besch.) Broth. = *Sematophyllum schimperi* [1521]
Rhaphidostegium serandii Thér. = *Sematophyllum serandii* [1521]
Rhaphidostegium sinusulum Besch. = *Sematophyllum sinusulum* [1521]

- Rhaphidostegium sinuosulum* var. *latifolium* Cardot in Grandid. = *Sematophyllum sinuosulum* var. *latifolium* [1521]
Rhaphidostegium sphaerocarpa A.Jaeger ex Dixon, *err.* = *Sematophyllum sphaerotheca* [1521] (= *Sematophyllum subpinnatum*)
Rhaphidostegium sphaeropyxis (Müll.Hal.) Paris = *Sematophyllum sphaeropyxis* [1521]
Rhaphidostegium sphaerotheca (Müll.Hal.) A.Jaeger = *Sematophyllum caespitosum* [2520: 81] (= *Sematophyllum subpinnatum*)
Rhaphidostegium sphaerotheca var. *procerum* Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (Rehmann 422) from Natal, South Africa.
Rhaphidostegium stictum Besch. = *Trichosteleum stictum* [1521]
Rhaphidostegium strangulatum (Müll.Hal.) A.Jaeger = *Isopterygium strangulatum* [1521]
Rhaphidostegium strangulatum var. *prostratum* (Müll.Hal.) A.Jaeger = *Isopterygium strangulatum* [1911: 429]
Rhaphidostegium strictum Besch. ex Paris, *nom. inval. err.* = *Trichosteleum stictum* [1521]
Rhaphidostegium stuhlmannii (Broth.) Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Rhaphidostegium subcurvulum Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
Rhaphidostegium subjulaceum Broth. & Paris = *Sematophyllum subjulaceum* [1521]
Rhaphidostegium subscabrisetulum (Müll.Hal.) Besch. = *Trichosteleum subscabrisetulum* [1521]
Rhaphidostegium subulatulum (Müll.Hal.) Besch. = *Trichosteleum subulatulum* [1521]
Rhaphidostegium tapeinophyllum (Müll.Hal.) Paris = *Rhaphidorrhynchium dregei* [4800: 220] (= *Sematophyllum dregei*)
Rhaphidostegium trachaelocarpum (Aongstr.) = *Sematophyllum trachaelocarpum* [1521]
Rhaphidostegium trachypyxis (Geh.) Paris = *Trichosteleum trachypyxis* [1521]
Rhaphidostegium variegatum (Welw. & Duby) A.Gepp = *Rhacopilopsis variegata* (4720)
Rhaphidostegium wageri (Wager) Dixon = *Sematophyllum wageri* [1521]
- Rhaphidostichum gracile*** Dixon BIO(2662), CMN(47).
Rhaphidostichum mahense (Besch.) Broth. = *Papillidiopsis mahensis* (4015)
Rhaphidostichum subluxurians Dixon & Thér. = *Acroporium subluxurians* (4015)
Rhegmatodon - see *Regmatodon*
- Rhizofabronia perpilosa*** (Broth.) Broth. CMN(47), KEN(46,7065,7251), TAN(46,6217), UGA(46), ZAI(65).
- Rhizofabronia persoonii*** var. *persoonii* (Schwägr.) M.Fleisch. MAU(105), REU(105,3410), RWA(65), SAO(47), TAN(46), UGA(4282).
- Rhizofabronia persoonii*** var. *sphaerocarpa* (Dusén) Bizot ex Ochyra BIO(2662), CMN(47), KEN(46,5315,7065), MDG(40,3075), MLW(67), TAN(46), UGA(4282), ZAI(65), ZIM(61).
Rhizofabronia sphaerocarpa (Dusén) M.Fleisch. = *Rhizofabronia persoonii* var. *sphaerocarpa* (1885)
Rhizogonium mauritianum Hampe ex Besch. = *Pyrrhobryum mauritianum* [1591] (= *Pyrrhobryum spiniforme*)
Rhizogonium pennatum [1521]. Excluded: although indicated as present in sub-Saharan Africa by *Index Muscorum*, no records have been found.
Rhizogonium permatum Hook.f. & Mitt. ex J.Shaw, *nom. inval. err.* = *Rhizogonium pennatum* [1521]. Excluded: see *Rhizogonium pennatum*.
Rhizogonium pervilleanum Besch. = *Rhizogonium spiniforme* [4692: 347] (= *Pyrrhobryum spiniforme*)
Rhizogonium pervillei Kindb., *nom. illeg. incl. spec. prior.* = *Rhizogonium spiniforme* [4692: 347] (= *Pyrrhobryum spiniforme*)
Rhizogonium spiniforme (Hedw.) Bruch ex Krauss. = *Pyrrhobryum spiniforme* (1591)
Rhizogonium spiniforme var. *acunhense* Besch. = *Pyrrhobryum spiniforme* var. *acunhense* (1591)
Rhizogonium vallis-gratiae (Hampe) Hampe ex A.Jaeger = *Pyrrhobryum vallis-gratiae* (83: 401)
Rhizohypnum brachycarpum (Renauld & Cardot) M.Fleisch. = *Mittenothamnium microthamnioides* [1848: 510]
Rhizohypnum inclinatum (Renauld) M.Fleisch. = *Mittenothamnium microthamnioides* [1848: 44]
Rhizohypnum microthamnioides (Geh.) M.Fleisch. = *Mittenothamnium microthamnioides* [1521]
Rhizohypnum pobeguini (Broth. & Paris) M.Fleisch. = *Mittenothamnium pobeguini* [1521] (= *Rhacopilopsis trinitensis*)
Rhizothamnium punctatum (Hedw.) T.J.Kop. Excluded: although this appears on the list for Ethiopia (50), Koponen (1036) does not consider it as present in Africa south of the Sahara.
Rhodobryum alto-roseum (Broth.) Paris = *Bryum huillense* (354)
Rhodobryum argutidens Paris, *nom. nud.* = *Rhodobryum commersonii* [1911: 340]
Rhodobryum aubertii (Schwägr.) Thér. = *Bryum aubertii* (354)
Rhodobryum camptoloma P.de la Varde = *Bryum viguieri* (23)
Rhodobryum capense Paris, *nom. illeg. incl. spec. prior.* = *Rhodobryum roseum* [4800: 294]. Note: see under *Rhodobryum spathulatum*
Rhodobryum chalarorhodon (Broth.) Paris = *Bryum chalarorhodon* [1521] (= *Bryum huillense*)
- Rhodobryum commersonii*** (Schwägr.) Brid. COM(23,40), KEN(46,2661), MAU(105), MDG(40,6908), MLW(46,67,6087), REU(23,105), RWA(2660), SAF(23,1531,7766,8328), SWZ(1531), TAN(23,46), UGA(23,46), ZAI(23,2660), ZIM(46).
Rhodobryum ellipticifolium (Brizi) Broth. = *Bryum ellipticifolium* (1521)

- Rhodobryum ellipticifolium* fo. *compacto-gregaria* Tongiorgi. Excluded: the records for this form have been associated with *Bryum ellipticifolium* (1521)
- Rhodobryum ellipticifolium* fo. *laxoverticillata* Tongiorgi. Excluded: the records for this form have been associated with *Bryum ellipticifolium* (1521)
- Rhodobryum erythrocaulon* (Schwaegr.) Paris = *Bryum truncorum* [1911: 337]. Note: see under *Bryum truncorum*.
- Rhodobryum fluminale* (Broth.) Paris = *Bryum fluminale* [1521] (= *Bryum erythrocaulon*)
- Rhodobryum giganteum* (Schwägr.) Paris MDG(23,40), REU(105), SAF(23).**
- Rhodobryum globirhodon* Paris, *nom. nud.* Excluded: an undescribed collection based on *Dusén* 235 from Cameroon.
- Rhodobryum homalobolax* (Renauld) Paris = *Bryum homalobolax* [1521] (= *Bryum huillense*)
- Rhodobryum homalobolax* var. *latifolium* Renauld & Cardot = *Bryum homalobolax* var. *latifolium* [1521] (= *Bryum huillense*)
- Rhodobryum huillense* (Welw. & Duby) Touw = *Bryum huillense* (74)
- Rhodobryum jungneri* (Broth.) Paris = *Bryum keniae* (354)
- Rhodobryum keniae* (Müll.Hal.) Broth. = *Bryum keniae* (74)
- Rhodobryum laxiroseum* (Müll.Hal.) Paris = *Rhodobryum commersonii* (40: 215)
- Rhodobryum leptoroseum* Paris, *nom. nud.* = *Bryum keniae* (354)
- Rhodobryum leptothrix* Paris, *nom. nud.* = *Rhodobryum roseum* [1911: 340]. Note: see under *Rhodobryum spathulatum*.
- Rhodobryum leucothrix* (Müll.Hal.) Broth. = *Rhodobryum roseum* (83: 391). Note: see under *Rhodobryum spathulatum*.
- Rhodobryum minutirosatum* (Müll.Hal.) Paris = *Bryum minutirosatum* [1521]
- Rhodobryum nanorrhodon* (Besch.) Paris = *Bryum nanorrhodon* [1521] (= *Bryum billardierei*)
- Rhodobryum ontariense* (Kindb.) Paris KEN(46), LES(1531), MDG(40), MLW(23,67), SAF(23,1531,4897), TAN(46), UGA(23,46).**
- Rhodobryum perspinidens* (Broth.) Pócs ETH(1927), KEN(46,354,3412,5315,6615), RWA(2660), TAN(46), UGA(23,46,354).**
- Rhodobryum pertmentosum* Dixon = *Bryum keniae* (354)
- Rhodobryum planoroseum* Dixon = *Bryum commersonii* (23)
- Rhodobryum preussii* Broth. & Paris = *Bryum preussii* (74)
- Rhodobryum pseudohomalobolax* Paris & Broth. = *Bryum huillense* (354)
- Rhodobryum quintasii* (Broth.) Paris = *Bryum huillense* (354)
- Rhodobryum renauldii* Thér. = *Rhodobryum aubertii* (1521) (= *Bryum aubertii*)
- Rhodobryum roseum* (Hedw.) Limpr. SAF(8328).**
- Rhodobryum roseum* (Hedw.) Limpr. *auct. afr.* Note: see under *Rhodobryum spathulatum*.
- Rhodobryum rosulatum* (Müll.Hal.) Paris = *Bryum torquescens* var. *rosulatum* [1521] (= *Bryum torquescens*)
- Rhodobryum rosulatum* Müll.Hal. = *Bryum torquescens* var. *rosulatum* [1521] (= *Bryum torquescens*)
- Rhodobryum saphrophilum* Paris = *Bryum saphrophilum* Broth., *hom. illeg.* (1521) (= *Bryum capillare* (354))
- Rhodobryum semilimbatum* Kiaer ex Crosby *et. al.*, *nom. nud.* = *Rhodobryum aubertii* (40: 215) (= *Bryum aubertii*)
- Rhodobryum spathulatum* (Hornsch.) Pócs. Note: according to Touw (1502), Pócs incorrectly used this name as the earliest name for *Rhodobryum ontariense*, but in fact the type of *Rhodobryum spathulatum* is *Bryum aubertii*. I have thus assumed that all plants called either *Rhodobryum roseum* or *Rhodobryum spathulatum* should be treated as *Rhodobryum ontariense*.
- Rhodobryum spathulosifolium* (Müll.Hal.) Paris = *Bryum huillense* (23)
- Rhodobryum spinidens* (Renauld & Cardot) Thér. = *Rhodobryum aubertii* (40: 215) (= *Bryum aubertii*)
- Rhodobryum staudtii* (Broth.) Paris = *Bryum staudtii* (74)
- Rhodobryum syntrichioides* Paris, *nom. nud.* = *Bryum truncorum* (sensu Sim) [4800: 322] (= *Bryum pycnophyllum*)
- Rhodobryum truncorum* (Brid.) Paris = *Bryum truncorum* [1521] (= *Bryum billardierei*)
- Rhodobryum umbraculum* (Hook.) Schimp. ex Paris = *Bryum umbraculum* (23)
- Rhynchocarpidium atrotheca* P.de la Varde = *Schimperella atrotheca* (1521) (= *Schimperella bello-intricata*)
- Rhynchocarpidium katalense* P.de la Varde & V.Leroy = *Schimperella katalense* (1521) (= *Schimperella bello-intricata*)
- Rhynchohypnum papillosum* (Hornsch.) Hampe = *Trichosteleum papillosum* [1521]
- Rhynchostegiella afrostrigosa* (Müll.Hal.) Broth. = *Rhynchostegiella zeyheri* [6568: 213]
- Rhynchostegiella algeriana* (Brid. ex Schrad.) Warnst. = *Rhynchostegiella tenella* [8151: 209]
- Rhynchostegiella aristatoreptans* (Müll.Hal.) Broth. = *Rhynchostegiella zeyheri* [1911: 375]
- Rhynchostegiella bequaertii* Dixon & Thér. UGA(46), ZAI(65).**
- Rhynchostegiella brunelii* Tixier TOG(1878).**
- Rhynchostegiella holstii* (Broth.) Broth. KEN(46), MLW(67), SAF(1531,7766,8328), TAN(46), ZAI(65), ZIM(61).**
- Rhynchostegiella keniae* Dixon KEN(46).**
- Rhynchostegiella leptoeurhynchium* (Müll.Hal.) Broth. = *Rhynchostegiella zeyheri* [1911: 375]
- Rhynchostegiella linderi* Thér. ZAI(65).**
- Rhynchostegiella litorea* (De Not.) Limpr. SAF(4670,8328).**
- Rhynchostegiella microstoma* Thér., *orth. illeg.* = *Rhynchostegiella microtheca* (40: 237)
- Rhynchostegiella microtheca* (Renauld & Cardot) Broth. COM(40), MDG(40).**
- Rhynchostegiella natalistrigosum* (Müll.Hal.) Broth. = *Rhynchostegiella zeyheri* [1911: 375]
- Rhynchostegiella pendula* Thér. ZAI(65).**

- Rhynchostegiella sublaevipes*** Broth. & Bryhn SAF(1531,8328).
- Rhynchostegiella tanneri*** Bizot ex Pócs TAN(46,109).
- Rhynchostegiella tenella*** var. ***tenella*** (Dicks.) Limpr. KEN(46), ZIM(46).
- Rhynchostegiella tenelliformis*** (Renauld & Cardot) Broth. REU(105,3410).
- Rhynchostegiella zeyheri*** (Müll.Hal.) Broth. SAF(1531,8328), ZAM(46), ZIM(46).
Rhynchostegiella zeyheri var. *frondosa* Sim. Excluded: this name is not in current use.
- Rhynchostegiella zeyheri*** var. ***obtusata*** Dixon ex Sim SAF(1911).
Rhynchostegiella zeyheri var. *obtusata* Dixon ex Sim. Excluded: Sim describes this variety as 'not very stable', and the name has not been used subsequently; presumably it will become a synonym of *Rhynchostegiella zeyheri*.
- Rhynchostegium afrusciforme* (Broth.) Paris = *Platyhypnidium afrusciforme* [1521]
Rhynchostegium afrusciforme Müll.Hal., *hom. illeg.* = *Platyhypnidium macowanianum* [6793: 302]
Rhynchostegium afrostrigosum Müll.Hal. = *Rhynchostegiella zeyheri* [6568: 213]
Rhynchostegium afrostrigosum var. *thuiopsis* Müll.Hal. = *Rhynchostegiella zeyheri* [6568: 213]
Rhynchostegium algerianum (P.Beauv.) Lindb. = *Rhynchostegiella tenella* [8151: 209]
- Rhynchostegium angustifolium*** Renauld & Cardot MDG(40).
Rhynchostegium aristatorepens Müll.Hal. ex Paris, *nom. illeg. orthogr.* = *Rhynchostegiella zeyheri* [1911: 375]
Rhynchostegium aristatoreptans Müll.Hal. = *Rhynchostegiella zeyheri* [1911: 375]
Rhynchostegium bello-intricatum (Broth.) Paris = *Schimperella bello-intricata* (717)
- Rhynchostegium bequaertii*** Thér. & Naveau ZAI(65).
Rhynchostegium brachycarpum (Hampe) Rehm = *Sematophyllum brachycarpum* [1521]
Rhynchostegium brachycarpum M.Fleisch., *nom. inval.* = *Mittenothamnium microthamnioides* [1848: 510]
- Rhynchostegium brachypterum*** (Hornsch.) A.Jaeger CMN(47), LES(4897), MLW(67), RWA(65), SAF(1531,7766,8328), ZAI(65), ZIM(46).
Rhynchostegium brachypterum var. *nitens* Sim. Excluded: this name is not in current use.
Rhynchostegium breuelianum Schimp. ex A.Jaeger, *nom.nud. in synonym.* = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
- Rhynchostegium buluense*** (Broth.) Paris GAB(47), TAN(46).
- Rhynchostegium cataractarum*** Thér. & P.de la Varde CAF(47).
- Rhynchostegium comorae*** (Müll.Hal.) A.Jaeger COM(40,3410), MDG(40), REU(3410), TAN(46), ZAI(65).
Rhynchostegium cormophyllum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 257) from Cameroon.
Rhynchostegium dentigerum (Müll.Hal.) Dixon & A.Gepp = *Rhaphidorrhynchium dregei* [1911: 439] (= *Sematophyllum dregei*)
- Rhynchostegium distans*** Besch. COM(40), ETH(111), MAU(105), MDG(40), REU(105), TAN(46), UGA(46).
Rhynchostegium distans var. *breve* Kiaer ex C.H.Wright, *nom. nud.* = *Rhynchostegium distans* [1848: 527]
Rhynchostegium distans var. *cordifolium* Kiaer ex C.H.Wright, *nom. nud.* = *Rhynchostegium distans* [1848: 527]
Rhynchostegium duisabonae A.Jaeger, *nom. illeg. incl. spec. prior.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Rhynchostegium eriocladella Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 205) from Cameroon.
- Rhynchostegium gracilipes*** Thér. BUR(65), UGA(46).
Rhynchostegium gueinzii (Hampe) Müll.Hal. ex Sim, *nom. inval. in synonym.* = *Rhaphidorrhynchium gueinzii* [1521] (= *Sematophyllum gueinzii*)
Rhynchostegium holstii (Broth.) Paris = *Rhynchostegiella holstii* (1521)
Rhynchostegium homalobolax Müll.Hal. ex Besch. = *Rhynchostegium distans* [1848: 526]
- Rhynchostegium hopfferi*** (Welw. & Duby) A.Gepp SAO(47).
- Rhynchostegium horridum*** Broth. KEN(46), TAN(46), UGA(46), ZAI(65).
Rhynchostegium inclinatum Schimp. ex Paris = *Sematophyllum caespitosum* [1911: 436] (= *Sematophyllum subpinnatum*)
Rhynchostegium julaceum Rehm ex Geh., *nom. nud.* = *Sematophyllum caespitosum* [1911: 436] (= *Sematophyllum subpinnatum*)
Rhynchostegium leptoblastum (Müll.Hal.) Kindb. = *Isopterygium leptoblastum* [1521]
Rhynchostegium lepto-eurhynchium Müll.Hal. = *Rhynchostegiella zeyheri* [1911: 375]
Rhynchostegium leskeifolium Müll.Hal. = *Pseudoleskea leskeoides* [1911: 383]
- Rhynchostegium luteonitens*** (Welw. & Duby) A.Jaeger ANG(46).
Rhynchostegium macowanianum Paris = *Platyhypnidium macowanianum* (1521)
Rhynchostegium megapelma (Broth.) Paris = *Rhynchostegium brachypterum* (717)
- Rhynchostegium megapolitanum*** var. ***megapolitanum*** Bruch, Schimp. & W.Gümbel CVI(2666).

***Rhynchostegium megapolitanum* var. *meridionale* Schimp. CVI(1296).**

Rhynchostegium membranaceum (Müll.Hal.) Broth. = *Rhynchostegium brachypterum* (1911: 374)

Rhynchostegium microtheca Renauld & Cardot = *Rhynchostegiella microtheca* [1521]

Rhynchostegium myosuroides (Brid.) De Not. = *Isothecium myosuroides* [1521]. Excluded: see *Isothecium myosuroides*.

Rhynchostegium natalistrigosum Müll.Hal. = *Rhynchostegiella zeyheri* [1911: 375]

Rhynchostegium nervosum* (Renauld) Cardot MDG(40).**Rhynchostegium omocrates* W.R.Buck RWA(65).*****Rhynchostegium oxyodon* (Welw. & Duby) A.Gepp ANG(46).*****Rhynchostegium pectinatum* (Mitt.) Paris ROD(105).**

Rhynchostegium perfilare Müll.Hal. ex Paris, *nom. nud.* = *Stenocarpidiopsis perfilaris* (50: 240)

Rhynchostegium perintricatum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection from Cameroon.

Rhynchostegium pervilleanum (Geh.) A.Jaeger = *Rhaphidorrhynchium pervilleanum* [1521] (= *Trichosteleum pervilleanum*)

Rhynchostegium praelongum var. *swartzii* (Turner) Venturi & Bott. = *Oxyrrhynchium swartzii* [1521] (= *Eurhynchium hians*)

Rhynchostegium pseudoconfertum (Müll.Hal.) A.Jaeger = *Rhynchostegiella zeyheri* [1911: 375]

***Rhynchostegium pseudodistans* Cardot MDG(40), REU(105).**

Rhynchostegium quinzii Müll.Hal. ex Rehmann, *nom. illeg. incl. spec. prior.* = *Rhaphidorrhynchium gueinzii* [1521] (= *Sematophyllum gueinzii*)

Rhynchostegium quinzii var. *julascens* Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Rhaphidorrhynchium gueinzii* [1911: 374] (= *Sematophyllum gueinzii*)

***Rhynchostegium raphidorrhynchium* (Müll.Hal.) A.Jaeger SAF(1531,8328), ZIM(61).**

Rhynchostegium riparioides (Hedw.) Cardot ex Tourret = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)

Rhynchostegium rusciforme Bruch & Schimp., *nom. illeg.* = *Platyhypnidium riparioides* [1521] (= *Amblystegium riparium*)

***Rhynchostegium ruvenzorense* (Broth.) Paris UGA(46).**

Rhynchostegium saxitapes Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 302) from Cameroon.

Rhynchostegium schoanum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection from Ethiopia [50: 239].

Rhynchostegium senodictyon (Müll.Hal.) A.Jaeger = *Rhynchostegium brachypterum* (1911: 374)

Rhynchostegium sphaeropyxis Rehmann ex Geh, *nom. nud.* = *Sematophyllum sphaeropyxis* [1521]

Rhynchostegium sphaerotheca (Müll.Hal.) Dixon & A.Gepp = *Sematophyllum caespitosum* [1911: 437] (= *Sematophyllum subpinnatum*)

Rhynchostegium sphaerotheca var. *aquaticum* Rehmann ex Dixon & A.Gepp = *Sematophyllum caespitosum* [1911: 436] (= *Sematophyllum subpinnatum*)

Rhynchostegium sphaerotheca var. *gracile* Sim, *nom. nud. in synonym.* = *Sematophyllum caespitosum* [1911: 437] (= *Sematophyllum subpinnatum*)

Rhynchostegium sphaerotheca var. *procerum* Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Sematophyllum caespitosum* [1911: 437] (= *Sematophyllum subpinnatum*)

***Rhynchostegium subbrachypterum* Broth. & Bryhn SAF(1531,8328).**

Rhynchostegium subbrachypterum Broth. & Bryhn = *Rhynchostegium brachypterum* [1911: 374]

***Rhynchostegium subconfertum* (Müll.Hal.) A.Jaeger SAF(5088).**

Rhynchostegium subinclinatum Kindb., *nom. nud.* = *Sematophyllum caespitosum* [1911: 436] (= *Sematophyllum subpinnatum*)

Rhynchostegium teesdalioides Paris, *nom. nud.* = *Rhynchostegiella zeyheri* [1911: 373]

Rhynchostegium tenelliforme Renauld & Cardot = *Rhynchostegiella tenelliformis* [1521]

Rhynchostegium tenellum (Dicks.) Bruch, Schimp. & W.Gümbel. = *Rhynchostegiella tenella* [1521]

Rhynchostegium tenuivagum (Müll.Hal. ex Broth.) Paris = *Eurhynchium tenuivagum* (717)

***Rhynchostegium tenuivagum* var. *congolense* Cardot ZAI(65).**

Rhynchostegium tenuivagum var. *congolense* Cardot. Excluded: this variety was not dealt with when the species was transferred to *Eurhynchium* [717]; it should be transferred if the variety proves to be distinct.

***Rhynchostegium volkensii* (Broth.) Paris ETH(1927), KEN(46), TAN(46), UGA(46), ZAI(65).**

Rhynchostegium volkensii fo. *latifolium* Tosco & Piovano. Excluded: any records for this form have been associated with the owning species.

Rhynchostegium volkensii fo. *majus* Tosco & Piovano. Excluded: any records for this form have been associated with the owning species.

Rhynchostegium zeyheri (Müll.Hal.) A.Jaeger = *Rhynchostegiella zeyheri* [1521]

Rhynchostegium zeyheri var. *condensatum* Müll.Hal. = *Rhynchostegiella zeyheri* [6568: 213]

Rhystophyllum distichium (Hedw.) E.Britton = *Neckeropsis disticha* [1521]

Rhystophyllum pennatum (Hedw.) E.Britton = *Neckera pennata* [1521]

***Rhytidium rugosum* (Hedw.) Kindb. KEN(46), UGA(46,7922).**

Rigodium crassicosatum E.B.Bartram = *Eurhynchium praelongum* [4756] (= *Kindbergia praelonga*)

Rigodium dentatum Dixon = *Rhynchostegiella zeyheri* [1911: 376]

- Rigodium kilimandscharicum* (Broth.) Paris = *Rigodium toxarion* (1202)
Rigodium niveum Thér. = *Rigodium toxarion* (1202)
- Rigodium toxarion* var. *toxarion*** (Schwägr.) A.Jaeger KEN(5315), MDG(40,1202), MLW(67,4764), MOZ(1202), SAF(1531,8328), TAN(46), ZIM(61).
Rozea abyssinica Broth., *nom. nud. in synon.* = *Levierella fabroniacea* var. *abyssinica* [1521] (= *Levierella neckeroides*)
- Rutenbergia borbonica*** Besch. MDG(40), REU(105).
Rutenbergia cirrata Renauld & Cardot MDG(40).
Rutenbergia limbata (Hampe) Besch. MDG(40).
Rutenbergia madagassa Geh. & Hampe ex Besch. MDG(40).
Rutenbergia madagassa* var. *flagelliformis Renauld & Cardot MDG(40).
Rutenbergia prionodon (Besch.) Renauld MAU(105), REU(105).
Rutenbergia usagarae Dixon = *Neorutenbergia usagarae* (6: 444)
- Saelania glaucescens*** (Hedw.) Broth. LES(1531,4897), SAF(1531,4897,8328).
Sanionia uncinata (Hedw.) Loeske ETH(1927), GAB(47), KEN(46), LES(4897), RWA(65), SAF(1531,8328), TAN(46), UGA(46), ZAI(65,5319).
Sarmentypnum sarmentosum (Wahlenb.) Toumik. & T.J.Kop. = *Warnstorfia sarmentosa* (3243)
Sauloma africana Dixon & Thér. = *Leucomium strumosum* (92)
Sauloma chloroclada Müll.Hal. ex Broth., *nom. nud. in synon.* = *Meiothecium chloroclada* [1521]
Sauloma humblotii (Renauld & Cardot) Cardot in Grandid. = *Leucomium strumosum* (6209)
Sauloma julacea Müll.Hal. ex Paris, *nom. nud.* Exclude: an undescribed collection (*Dusén s.n.*) from Cameroon.
Sauloma tisserantii P.de la Varde = *Leucomium strumosum* (6209)
Schimperella atrotheca (P.de la Varde) P.de la Varde = *Schimperella bello-intricata* (717)
- Schimperella bello-intricata*** (Müll.Hal. ex Broth.) W.R.Buck BIO(8180), BUR(65), CMN(47), ETH(111), KEN(46,3412), RWA(65), TAN(46), UGA(4282), ZAI(65,5319).
Schimperella katalense (P.de la Varde & V.Leroy) P.de la Varde = *Schimperella bello-intricata* (717)
- Schimperella rhynchostegioides*** Thér. MDG(40).
Schistidium agassizii auct. afr., *non* Sull. & Lesq. Note: records for this taxon should be referred to *Schistidium rivulare* (1124)
Schistidium alpicola auct. afr., *non* (Hedw.) Limpr. = *Schistidium rivulare* (2185: 70)
- Schistidium angustissimum*** (P.de la Varde) Ochyra UGA(46).
Schistidium apocarpum* var. *apocarpum (Hedw.) Bruch, Schimp. & W.Gümbel KEN(46), LES(1531,4897), REU(105), RWA(65), SAF(1531,4897,7766,8328), TAN(46), UGA(46).
Schistidium apocarpum var. *confertum* (Funck) H.Möll. = *Schistidium confertum* (4902)
Schistidium apocarpum var. *pulvinatum* (Hedw.) C.E.O.Jensen = *Schistidium flaccidum* (2185)
Schistidium apocarpum var. *scioanum* Brizi = *Schistidium apocarpum* (113)
Schistidium caespiticium (F.Weber & D.Mohr) Brid. Excluded: this taxon, currently known as *Blindia caespiticia*, is reported by *Index Muscorum* as being present in sub-Saharan Africa, but no report has been found.
Schistidium ciliatum (Hedw.) Brid. = *Hedwigia ciliata* [1521]
Schistidium ciliatum var. *imberbe* (Sm.) Huebener = *Hedwigidium integrifolium* [8254: 14]
- Schistidium confertum*** (Funck) Bruch & Schimp. ETH(50), KEN(2097), TAN(2097).
Schistidium cribrodontium (Herzog) Ochyra UGA(46).
Schistidium flaccidum (De Not.) Ochyra ERI(50), ETH(50).
Schistidium imberbe (Sm.) Nees & Hornsch. = *Hedwigidium integrifolium* [8254: 14]
- Schistidium perichaetiale*** (P.de la Varde) Ochyra KEN(46), TAN(1407), UGA(46).
Schistidium perichaetiale* var. *piliferum (Demaret) Ochyra KEN(46).
Schistidium perrottetii Mont. = *Erpodium perrottetii* [1521]
Schistidium pulvinatum Brid. = *Schistidium flaccidum* (2185)
Schistidium repens (Hook.) Brid. = *Gigaspermum repens* [1521]
- Schistidium rivulare*** (Brid.) Podp. RWA(65), TAN(46), UGA(2097).
Schistomitrium acutiflorum Mitt. ex C.H.Wright, *err.* = *Schistomitrium acutifolium* (= *Leucobryum acutifolium*)
Schistomitrium acutifolium Mitt. = *Leucobryum acutifolium* (1521)
Schistomitrium africanum Rehmann ex Kindb., *nom. nud.* = *Leucobryum madagassum* [7180: 126]
Schistophyllum asplenioides (Hedw.) Brid., *nom. inval. in synon.* = *Fissidens asplenioides* [1521]
Schistophyllum bryoides (Hedw.) Lindb. = *Fissidens bryoides* [1521]
Schistophyllum crassipes (Bruch & Schimp.) Kindb. = *Fissidens crassipes* [1521]
Schistophyllum debile (Schwaegr.) Brid., *nom. inval. in synon.* = *Fissidens fontanus* [2584: 44]
Schistophyllum exile (Hedw.) Lindb. = *Fissidens exilis* [1521]
Schistophyllum impar (Mitt.) Lindb. in Lindb. & Arn. = *Fissidens bryoides* ssp. *viridulus* [4926: 79] (= *Fissidens viridulus* var. *viridulus*)
Schistophyllum incurvum (Roehl.) Lindb. = *Fissidens bryoides* ssp. *incurvum* [1521] (= *Fissidens bryoides*). Note: see *Fissidens bryoides* var. *bryoides*.

- Schistophyllum incurvum* ssp. *crassipes* (Bruch & Schimp.) Lindb. = *Fissidens crassipes* [1521]. Excluded: listed for sub-Saharan Africa by *Index Muscorum*, but no records found.
- Schistophyllum incurvum* ssp. *viridulum* (Sw.) Lindb. = *Fissidens bryoides* ssp. *viridulus* [1521] (= *Fissidens viridulus* var. *viridulus*)
- Schistophyllum julianum* (DC.) Lindb. = *Fissidens fontanus* [8172: 405]
- Schistophyllum metzgeria* (Müll.Hal.) Lindb. = *Fissidens metzgeria* [1521]
- Schistophyllum minutulum* (Sull.) Lindb. = *Fissidens minutulum* [1521]
- Schistophyllum ovatum* (Brid.) Brid., *nom. inval. in synonym.* = *Fissidens ovatus* [1521]
- Schistophyllum thunbergii* (Brid.) Brid., *nom. inval. in synonym.* = *Fissidens thunbergii* [1521]
- Schistophyllum viridulum* (Sw.) Tolf = *Fissidens bryoides* ssp. *viridulus* [1521] (= *Fissidens viridulus* var. *viridulus*)
- Schistostega fulva* (Hook.) Arnott = *Drepanophyllum falcifolium* [1509: App. 3]
- Schizodon acuminatum* Sw., *nom. illeg. incl. spec. prior.* = *Schlotheimia angulosa* [1521]
- Schizomitrium* - see *Callicostella*
- Schizomitrium papillatum* (Mont.) Sull. = *Callicostella papillata* var. *papillata* [1521]
- Schizymenium basilare*** (Schimp. ex Müll.Hal.) A.J.Shaw CMN(47), ETH(50,1927).
Schizymenium bryoides Harv. = *Mielichhoferia bryoides* [8235: 888; 83: 338]
- Schizymenium commixtum*** (Thér.) A.J.Shaw MDG(40).
- Schizymenium cratericola*** (Broth. in Mildbr.) Ochyra & Sharp KEN(46), TAN(46), UGA(46), ZAI(65,2660).
- Schizymenium hariotii*** (Thér.) A.J.Shaw UGA(46).
- Schizymenium hymenostomum*** (Bruch & Schimp. ex Müll.Hal.) A.J.Shaw ETH(50,1927).
- Schizymenium madagassum*** (Renauld & Cardot ex Cardot) A.J.Shaw MDG(40).
- Schizymenium mildbraedii*** (Broth.) A.J.Shaw KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).
- Schizymenium ruwenzorensis*** (Thér. & Naveau) Ochyra & Sharp RWA(65), TAN(46), UGA(46), ZAI(65).
Schlotheimia abbreviata Broth. in Engl., *nom. nud.* Excluded: an undescribed collection from Usambara Mts., Tanzania [22: 70; 46: 83].
Schlotheimia acicularis Brid., *nom. illeg. incl. spec. prior.* = *Macromitrium pallidum* [1521]
- Schlotheimia acutifolia*** Renauld & Paris MDG(40).
- Schlotheimia acutifolia*** var. *angustifolia* Thér. MDG(40).
- Schlotheimia angulosa*** (P.Beauv.) Dixon MAU(105), REU(105), TAN(46).
- Schlotheimia badiella*** Besch. MAU(105), MDG(40), REU(105).
- Schlotheimia badiella*** var. *brevifolia* Renauld MAU(105).
- Schlotheimia badiella*** var. *helicophylla* Besch. MDG(40), REU(105).
- Schlotheimia badiella*** var. *longicaulis* Besch. REU(105).
- Schlotheimia balfourii*** Mitt. SOC(40,1626,2374,5613).
- Schlotheimia bequaertii*** Thér. & Naveau ZAI(65).
- Schlotheimia boiviniana*** Besch. COM(40), MDG(40).
Schlotheimia boivinii Kindb., *nom. illeg. incl. spec. prior.* = *Schlotheimia boiviniana* [1521]
- Schlotheimia brachyphylla*** Renauld & Cardot REU(105).
- Schlotheimia brachypodia*** Thér. & Naveau ANG(46), MLW(67), RWA(65), ZAI(65).
Schlotheimia breviseta Schimp. ex Müll.Hal. & Geh., *nom. illeg. incl. spec. prior.* = *Schlotheimia robillardii* [1521]
- Schlotheimia bursata* Renauld & Cardot in Renauld = *Schlotheimia fornicata* [6793: 301]
- Schlotheimia commersoniana* Besch. = *Holomitrium cylindraceum* var. *obtusifolium* [4361: 90]
- Schlotheimia commersonii* Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Holomitrium cylindraceum* var. *obtusifolium* [4361: 90]
- Schlotheimia congolensis*** Cardot ZAI(65).
- Schlotheimia conica*** Renauld & Cardot MDG(40).
Schlotheimia cuspidata Müll.Hal. ex Paris, *nom. illeg. incl. spec. prior.* = *Schlotheimia percuspidata* [1521]
- Schlotheimia cuspidata* var. *brevipedunculata* Rehmman ex Paris, *nom. nud.* = *Schlotheimia percuspidata* [1911: 285]
- Schlotheimia cuspidata* var. *tenuis* Müll.Hal. ex Dixon & A.Gepp, *nom. nud.* = *Schlotheimia percuspidata* [1911: 285]
- Schlotheimia cyrtophylla* P.de la Varde = *Schlotheimia grevilleana* (1878)
- Schlotheimia excorugata*** Müll.Hal. ex Cardot MDG(40), TAN(46).
Schlotheimia exrugulosa Müll.Hal. = *Schlotheimia percuspidata* [1911: 285]
- Schlotheimia ferruginea*** (Hook. & Grev.) Brid. SAF(1531,4897,7766,8328), SWZ(1531), TAN(46), ZAM(46,62), ZIM(61).
- Schlotheimia fornicata*** Duby MAU(105), MDG(40), REU(105).
- Schlotheimia fornicata*** var. *apiculata* P.de la Varde MDG(40).

- Schlotheimia fornicata*** var. ***microtheca*** P.de la Varde MDG(40).
Schlotheimia foveolata Renault & Cardot MDG(40).
Schlotheimia foveolata var. ***torquescens*** Cardot MDG(40).
Schlotheimia fragilifolia Thér. & Naveau ETH(111), TAN(46), ZAI(65).
Schlotheimia fulva Ångstr. = *Schlotheimia robillardii* (40: 221)
Schlotheimia gauthieri Thér. COM(40), MDG(40).
Schlotheimia gigantea Thér., *nom. illeg.* = *Schlotheimia robusta* [4362: 115]
Schlotheimia grevilleana Mitt. CAF(47), KEN(46), TAN(46), TOG(1878), UGA(46),
 ZAI(3076), ZIM(61).
Schlotheimia grevillei Kindb., *nom. illeg. incl. spec. prior.* = *Schlotheimia grevilleana* [1521]
Schlotheimia holstii Broth. in Engl., *nom. nud.* Excluded: an undescribed collection from Usambara Mts., Tanzania [22: 70; 46: 83].
Schlotheimia illecebra Schimp. ex Besch. REU(105), ZIM(61).
Schlotheimia isleana Besch., *nom. nud. in synon.* = *Schlotheimia robillardii* [1945: 370]
Schlotheimia laetevirens Broth. MLW(67), TAN(46).
Schlotheimia linealis Müll.Hal. ex Geh. = *Schlotheimia nossi-beana* var. *linealis* [1521]
Schlotheimia macleai Rehmann ex Kindb. = *Schlotheimia grevilleana* [1911: 284]
Schlotheimia malacophylla Besch. MDG(40), REU(105), TAN(46).
Schlotheimia microcarpa Geh. MDG(40), REU(105).
Schlotheimia microphylla Besch. MDG(40).
Schlotheimia microphylla var. ***farlowii*** Renault & Cardot MAU(105).
Schlotheimia mollis Rehmann ex Paris = *Schlotheimia percuspidata* [1911: 285]
Schlotheimia nossi-beana Müll.Hal. MDG(40).
Schlotheimia nossi-beana var. ***linealis*** (Geh.) Thér. MDG(40).
Schlotheimia pauli Renault & Cardot MDG(40).
Schlotheimia percorrugata Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Sikora 14338*) from Madagascar.
Schlotheimia percuspidata Müll.Hal. MLW(67), SAF(1531,8328), TAN(46), ZIM(46).
Schlotheimia perrieri Thér. MDG(40).
Schlotheimia perrotii Renault & Cardot MDG(40).
Schlotheimia perrotii var. ***breviseta*** Thér. MDG(40).
Schlotheimia phaeochlora Besch., *nom. illeg. incl. spec. prior.* = *Schlotheimia robillardii* (1521)
Schlotheimia pobeginii Paris & Broth. GUI(47).
Schlotheimia poecilodictyon P.de la Varde & Thér. TAN(46).
Schlotheimia pulchella Hornsch. = *Macrocoma pulchella* (7013: 219)
Schlotheimia quadrifida Brid., *nom. illeg. incl. spec. prior.* = *Schlotheimia angulosa* [1521]
Schlotheimia richardii Besch. MAU(105), REU(105).
Schlotheimia richardii Schimp. ex Müll.Hal. & Geh., *nom. illeg.* = *Schlotheimia robillardii* [4250: 1149]
Schlotheimia rigescens Broth. KEN(46), TAN(46), UGA(46), ZAI(65).
Schlotheimia robillardii Duby MAU(105), MDG(40), REU(105), TAN(46).
Schlotheimia robusta Thér. MDG(40), TAN(46).
Schlotheimia rufoaeruginosa Müll.Hal. Excluded: the type specimen has not been located, and there are no authenticated specimens (1519: 524). It has been recorded for Sudan (3076: 410), Angola (258: 159) and South Africa (1911: 284).
Schlotheimia rufoglaucia Müll.Hal. Excluded: no type located, and specimens with this name were *Schlotheimia rufopallens* (1519: 524)
Schlotheimia rufopallens Müll.Hal. SAF(1531,7766,8328).
Schlotheimia rugifolia Hook. ANG(46).
Schlotheimia schweinfurthii Müll.Hal. = *Schlotheimia grevilleana* (1878)
Schlotheimia semidiaphana (Renault & Cardot) Cardot MDG(40).
Schlotheimia squarrosa Brid. MDG(40,1925), REU(105,1925).
Schlotheimia stenophylla (Renault & Cardot) Cardot in Grandid. = *Schlotheimia trichphora* var. *stenophylla* [1521]
Schlotheimia subfornicata Thér. MDG(40), REU(105).
Schlotheimia subventricosa Broth. & Bryhn ex Broth., *nom. illeg. orthogr.* = *Schlotheimia subventrosa* [1911: 284] (= *Schlotheimia ferruginea*)
Schlotheimia subventrosa Broth. & Bryhn = *Schlotheimia ferruginea* (1519: 521)
Schlotheimia tenuiseta Geh. MDG(40).

- Schlotheimia torquata*** (Sw. ex Hedw.) Brid. MAS(40).
- Schlotheimia trichophora*** Renauld & Cardot MDG(40).
Schlotheimia trichophora ssp. *stenophylla* Renauld & Cardot in Renauld = *Schlotheimia trichophora* var. *stenophylla* [40]
- Schlotheimia trichophora* var. *stenophylla*** (Renauld & Cardot) Thér. MDG(40).
- Schlotheimia trypanoclada*** Geh. MDG(40).
Schlotheimia turbinata Taylor ex Dixon, *nom. nud. in synon.* = *Macromitrium levatum* [5490: 127]
Schlotheimia ventricosa Müll.Hal. ex J.Shaw, *nom. illeg. orthogr.* = *Schlotheimia ventrosa* [1521] (= *Schlotheimia ferruginea*)
Schlotheimia ventrosa Müll.Hal. = *Schlotheimia ferruginea* (1519: 524)
- Schoenobryum concavifolium*** (Griff.) Manuel ANG(46,7157), BIO(8180), CAF(47,7157), DJI(1569), ETH(111,7157), GHA(7157), IVO(4928), KEN(46,2661,3412,7065), MDG(40,7157), MLW(67,7157), NGA(47,334,5148,5176,5745,7157), RIM(4639), RWA(65,7157), SAF(4670,8328), SIE(3216), TAN(46,7157), UGA(4282,7157), ZAI(65,7157).
Schoenobryum latifolium (Broth. & P.de la Varde) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum latifolium var. *microsporum* (P.de la Varde) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum madagassum (Geh.) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum plicatulum (Dixon & Thér.) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum robustum (Broth.) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum subintegrum var. *idanreense* (P.W.Richards & S.R.Edwards) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum subintegrum var. *subintegrum* (Renauld & Cardot) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum subrobustum (Broth. & P.de la Varde) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum tisserantii (Thér. & P.de la Varde) Manuel = *Schoenobryum concavifolium* (7157)
Schoenobryum welwitschii (Duby) Manuel = *Schoenobryum concavifolium* (7157)
Schwetschkea aristaria Rehmann ex Kindb., *nom. nud.* Excluded: appears in a list with no indication or origin, but presumably from South Africa [4232: 104],
Schwetschkea brevis M.Fleisch., *nom. nud.* Excluded: an undescribed collection from Ethiopia [50: 238].
- Schwetschkea brotheri*** Dusén CAF(47), CMN(47), GAB(47), GUI(47), TAN(46), ZAI(65).
Schwetschkea cameruniae (Dusén) M.Fleisch. = *Schwetschkea brotheri* [10: 905]
- Schwetschkea capillifolia*** Dixon ex Herzog ERI(50).
Schwetschkea dusenii Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Schwetschkea brotheri* [4087: 54]
- Schwetschkea fabronioides*** (Welw. & Duby) Broth. ANG(46), CAF(47), CMN(47), GAB(47), GHA(47), LBR(47), TAN(146), TOG(1878), UGA(46), ZAI(65).
Schwetschkea grandifolia M.Fleisch., *nom. illeg. incl. spec. prior.* = *Schwetschkea brotheri* [10: 905]
- Schwetschkea grateloupii*** (Mont.) Müll.Hal. COM(40), REU(105).
Schwetschkea monbutoviae Müll.Hal. = *Schwetschkea schweinfurthii* (114)
- Schwetschkea peracuminata*** Demaret & V.Leroy ZAI(65).
Schwetschkea rehmannii Müll.Hal. = *Helicodontium lanceolatum* (6230: 258)
- Schwetschkea schweinfurthii*** Müll.Hal. CAF(47), ETH(1927), IVO(1880), SUD(3076), TAN(46), UGA(46), ZAI(3076).
- Schwetschkea usambarica*** Broth. KEN(3412), MLW(6087), TAN(46), ZAI(65), ZAM(46).
Sciaromium capense Mitt. ex Dixon = *Vittia pachyloma* [4691: 399]
Sciurohypnum borgenii Hampe = *Brachythecium borgenii* [1521]
Sclerodictyon compressulum Müll.Hal. = *Anomobryum compressulum* (1521)
Scleromnium tenax Müll.Hal. ex Broth., *nom. nud. in synon.* = *Leucodontopsis cameruniae* [1521] (= *Henicodium geniculatum*)
Scleropodium purum L. = *Pseudoscleropodium purum* (1521)
- Scleropodium touretii* var. *touretii*** (Brid.) L. Koch CVI(2666).
- Scopelophila cataractae*** (Mitt.) Broth. CAF(47), RWA(65), ZAI(7984).
- Scopelophila ligulata*** (Spruce) Spruce RWA(65), UGA(4282).
- Scorpiurium circinatum*** (Brid.) M.Fleisch. & Loeske CVI(2666), DJI(1569), MAU(6859), SOC(7529).
- Scorpiurium deflexifolium*** (Solms) M.Fleisch. & Loeske CHA(4507).
Scytalina flagellaris (Hedw.) I.Hagen = *Orthodicranum flagellare* [1521]. Excluded: this taxon is listed for sub-Saharan Africa by *Index Muscorum*, but no records are known.
Seligeria moenkemeyeri Müll.Hal. = *Microdus moenkemeyeri* [1521] (= *Leptotrichella moenkemeyeri*)
Seligeria pallidiseta (Brid.) Müll.Hal. = *Microdus pallidiseta* [1521] (= *Leptotrichella pallidiseta*)
Sematophyllum afrodemissum (Geh.) Broth. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)

- Sematophyllum afronemorosum* Paris, *nom. nud.* Excluded: no original specimen stated, but probably related to *Rhacopilopsis*.
- Sematophyllum alticaule*** Dixon & Thér. KEN(46), UGA(46), ZAI(65).
- Sematophyllum amblystegiocarpum*** (Müll.Hal.) Broth. SAO(47).
- Sematophyllum aneuron*** (Duby) A.Jaeger MAU(105).
Sematophyllum angusticybeum (Müll.Hal.) Broth. = *Sematophyllum angusticybeum*. Note: error in *Index Muscorum*.
- Sematophyllum angusticybeum*** (Müll.Hal.) Broth. COM(40).
Sematophyllum annobonense Broth. in Mildbr., *nom. nud.* Excluded: an undescribed collection (*Mildbraed 6756*) from Annobon [1619: 159; 47: 518].
Sematophyllum bessonii (Renauld & Cardot) Renauld = *Acanthocladium bessonii* [1521] (= *Wijkia bessonii*)
Sematophyllum borbonicum Besch., *hom. illeg.* = *Trichosteium subrhizophyllum* [3076: 466]
- Sematophyllum brachycarpum*** (Hampe) Broth. KEN(5315,7065), LES(4897), MOZ(46), SAF(1531,4897,7766,8328), SWZ(1531), UGA(46), ZAM(62), ZIM(46).
- Sematophyllum brachytheциforme*** (Broth.) Broth. CMN(47), RWA(65), ZAI(65).
Sematophyllum caespitosum (Hedw.) Mitt. (sensu Swartz) = *Sematophyllum subpinnatum* (3419)
Sematophyllum caespitosum var. *ledeceanum* (Mont.) Wijk & Margad. = *Rhaphidostegium caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Sematophyllum caespitosum var. *sphaerotheca* (Müll.Hal.) P.de la Varde, *nom. inv.* = *Sematophyllum caespitosum* (2520) (= *Sematophyllum subpinnatum*). Note: this taxon is mentioned by Potier de la Varde as both a variety and a form (and thus appears in Kis (46)), but this combination has never been published, and the basionym *Rhaphidostegium sphaerotheca* was synonymised with *Sematophyllum caespitosum* by Dixon in 1920 (2520), and is treated here in the same way.
- Sematophyllum cellulosum*** W.R.Buck RWA(65).
Sematophyllum chrysotis (Broth.) Broth. = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Sematophyllum chrysotis var. *patulifolium* P.de la Varde = *Sematophyllum caespitosum* (47: 518) (= *Sematophyllum subpinnatum*)
Sematophyllum congolense (Cardot) Broth. = *Meoithecium congolense* (4139)
- Sematophyllum constrictum*** Mitt. MAS(40).
- Sematophyllum coppeyi*** (Cardot) Broth. MDG(40).
- Sematophyllum corticolum*** (Ångstr.) O'Shea MAS(40).
- Sematophyllum crassirete*** (Cardot) Broth. CAF(47), CON(47), GAB(47), ZAI(65).
- Sematophyllum crassiusculum*** (Brid.) Broth. BUR(65), MAU(105), REU(105).
- Sematophyllum danckelmannii*** (Müll.Hal.) Broth. CMN(47).
- Sematophyllum dixonii*** (Thér.) O'Shea MDG(40).
- Sematophyllum dregei*** (Müll.Hal.) E.B.Bartram KEN(3412,5315), MLW(67), SAF(1531,3411,8328), SWZ(1531), TAN(46), ZIM(46).
- Sematophyllum dubium*** (Renauld) Broth. MDG(40).
- Sematophyllum elgonense*** (Dixon) Broth. ETH(1927), KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(259).
- Sematophyllum erythrocaulon*** Ångstr. STH(1296,4202,4626,5331).
- Sematophyllum euryphyllum*** Dixon & Thér. ZAI(65).
- Sematophyllum flavovesiculosum*** W.R.Buck RWA(65).
Sematophyllum flexile (Renauld & Cardot) Renauld = *Heterophyllum flexile* [1521] (= *Rhacopilopsis variegata*)
Sematophyllum fluminense (Broth.) Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
- Sematophyllum friesiorum*** P.de la Varde KEN(46), UGA(46).
- Sematophyllum fulvifolium*** Mitt. CAF(47), GAB(47), GUI(1458), IVO(1458,1880), RIM(4639), ROD(105), TAN(46).
- Sematophyllum fulvifolium*** var. *patulifolium* P.de la Varde CAF(47).
Sematophyllum glutinosum (Broth.) Broth. = *Sematophyllum caespitosum* [2520: 89] (= *Sematophyllum subpinnatum*)
- Sematophyllum gueinzii*** (Hampe) Magill SAF(1531,4897,8328), SWZ(1531), ZIM(61).
- Sematophyllum helenicum*** Mitt. STH(1296,4202,5331).
- Sematophyllum humillimum*** Dixon & Thér. TAN(46), ZAI(65).
Sematophyllum incurvum Mitt. Note: the type specimen of this species in BM is annotated by W.R. Buck (28 Dec 1989) as *Sematophyllum adnatum* (Michx.) E.Britton, but this group of species needs revision, and the taxon has not been formally synonymised, so remains on the list.
- Sematophyllum incurvum*** Mitt. ROD(105,4931).
Sematophyllum jungneri (Broth.) Paris = *Acanthocladium jungneri* [1521] (= *Wijkia jungneri*)
- Sematophyllum laetevirens*** (Broth. & Paris) Broth. CAF(47), GUI(47), TAN(46), UGA(46),

- ZAI(65).
- Sematophyllum laetevirens*** var. ***homomallum*** P.de la Varde CAF(47).
Sematophyllum laevifolium Renaud = *Acroporium laevifolium* [1521]
Sematophyllum lecoultriae (Duby) A.Jaeger = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
- Sematophyllum longinerve*** (Duby) A.Jaeger MAU(105).
Sematophyllum mahense (Besch.) Kindb. = *Rhaphidostichum mahense* [1521] (= *Papillidiopsis mahensis*)
Sematophyllum megasporum (Duby) A.Jaeger = *Acroporium megasporum* [1521]
Sematophyllum megasporum var. *densum* Renaud & Cardot = *Acroporium megasporum* var. *densum* [1521]
Sematophyllum microcornum Müll.Hal. ex Paris, *nom. nud. in synon.* Excluded: an undescribed collection (*Dusén* 669) from Cameroon.
- Sematophyllum nanopyxis*** (Geh.) O'Shea MDG(40).
- Sematophyllum nebulosum*** W.R.Buck ZAI(65).
- Sematophyllum nematocaulon*** (Müll.Hal.) M.Fleisch. COM(40).
- Sematophyllum nigro-alare*** Dixon ZAI(65).
- Sematophyllum obtusifolium*** (Renaud & Cardot) Broth CAF(47), CMN(47), GAB(47), GUI(47), MDG(40), TAN(46), ZAM(46).
- Sematophyllum obtusifolium*** var. ***laxifolium*** P.de la Varde GAB(47).
Sematophyllum ochreifolium Müll.Hal. ex Paris, *nom. nud. in synon.* Excluded: an undescribed collection (*Dusén* 27) from Cameroon.
Sematophyllum papillosum (Hornsch.) Mitt. = *Trichosteleum papillosum* [1521]
- Sematophyllum parisii*** Broth. CAF(47), GUI(47).
- Sematophyllum perrevolutum*** (Broth.) Broth. TAN(46), UGA(3072), ZAI(65).
- Sematophyllum physaophyllos*** (Welw. & Duby) Broth. ANG(46).
Sematophyllum physaophyllos (Welw. & Duby) Broth. = *Sematophyllum physaophyllos* [1521]. Note: spelling corrected in *Index Muscorum* Addenda.
- Sematophyllum plagiothecioides*** Dixon & Thér. TAN(259), UGA(46), ZAI(65).
Sematophyllum plumularium Mitt. in Mellis = *Sematophyllum erythrocaulon* (4626)
- Sematophyllum pobeguini*** (Broth. & Paris) Broth. GUI(47).
Sematophyllum protensum (Renaud & Cardot) Besch. ex Renaud = *Acanthocladium protensum* [1521] (= *Wijkia protensa*)
Sematophyllum reichardtii (Müll.Hal.) Broth. = *Sematophyllum brachycarpum* [1911: 435]
Sematophyllum rhynchophyllum Müll.Hal. ex Paris, *nom. nud. in synon.* Excluded: an undescribed collection (*Dusén* 5) from Cameroon.
- Sematophyllum rigescens*** (Cardot) O'Shea MDG(40).
- Sematophyllum rivuletorum*** (Broth.) Broth. CMN(47).
Sematophyllum rodriguezii Broth., *nom. illeg. incl. spec. prior.* = *Sematophyllum incurvum* [1521]
Sematophyllum rubricaula (Besch.) Cardot in Grandid. = *Rhaphidorrhynchium rubricaula* [1521]
Sematophyllum rufoviride (Besch.) Broth. = *Clastobryophilum rufoviride* [1521] (= *Clastobryophilum bogoricum*)
Sematophyllum rutenbergii (Geh.) Renaud = *Acanthocladium rutenbergii* [1521] (= *Wijkia rutenbergii*)
- Sematophyllum ruwenzorensense*** Dixon & Thér. ZAI(65).
- Sematophyllum schimperii*** (Besch.) Broth. MAU(105), REU(105), TAN(46).
- Sematophyllum serandii*** (Thér.) Broth. GUI(47).
- Sematophyllum sinuosulum*** (Besch.) Broth. KEN(46), MDG(40), REU(105), TAN(46).
- Sematophyllum sinuosulum*** var. ***latifolium*** (Cardot) Thér. MDG(40).
- Sematophyllum socotrense*** W.R.Buck SOC(2374,5116,5613).
- Sematophyllum sphaeropyxis*** (Müll.Hal.) Broth. SAF(1531,8328), SWZ(1531), ZIM(61).
Sematophyllum sphaerotheca (Müll.Hal.) P.de la Varde, *nom. inval. in synon.* = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
Sematophyllum stellatum Renaud & Cardot = *Acroporium stellatum* [1521]
- Sematophyllum stylites*** W.R.Buck ZAI(65).
- Sematophyllum subbrachytheciiforme*** P.de la Varde KEN(46), TAN(46), ZAI(65), ZAM(46,62).
- Sematophyllum subcochleatum*** Dixon & Thér. ZAI(65).
- Sematophyllum subjulaceum*** (Broth. & Paris) Broth. GUI(47).
Sematophyllum subpilotrichella Paris, *nom. nud.* Excluded: no published distribution.
- Sematophyllum subpinnatum*** (Brid.) E.Britton AGA(40,2195,2327,2328,2332), ANG(259), BUR(65), CAF(47), CMN(47), CON(47), ETH(111), GAB(47), GUI(47,1458), IVO(47,1880), KEN(7065), LBR(47), LES(4897), MAU(105,3410), MDG(40),

MLW(67), MOZ(357), NGA(47,5148,5176), REU(105), RWA(65),
SAF(1531,4897,7766,8328), SIE(47), SUD(3076), SWZ(1531), TAN(46), TOG(1878),
UGA(46), ZAI(65,2675), ZIM(46).

Sematophyllum subrugifolium Dixon MDG(40).

Sematophyllum subscabrellum Renauld & Cardot MDG(40).

Sematophyllum subsimplex (Hedw.) Mitt. CAF(47), CMN(47), CON(47), GAB(47),
GHA(47), GUI(47), IVO(1880), SIE(47,3216), ZAI(65).

Sematophyllum subtrichocolea Paris, *nom. nud.* = *Wijkia trichocoleoides* [717]

Sematophyllum trachaelocarpum (Kindb.) Broth. NGA(47).

Sematophyllum trichocolea (Müll.Hal.) Kindb. = *Acanthocladium trichocolea* [1521] (= *Wijkia trichocolea*)

Sematophyllum trichocoleoides (Müll.Hal.) Kindb. = *Acanthocladium trichocoleoides* [1521] (= *Wijkia trichocoleoides*)

Sematophyllum wageri C.H.Wright ex Wager MOZ(46), SAF(1531,8328), SWZ(1531),
ZIM(61).

Sematophyllum zuluense (Sim) Magill SAF(1531,8328).

Semibarbula elongata Hilp. = *Barbula zambesica* (53: 25)

Semibarbula indica (Hook.) Herzog ex Hilp. = *Semibarbula orientalis* [1509: 135] (= *Barbula indica*)

Semibarbula lambarenensis (P.de la Varde) Hilp. = *Barbula indica* (1158)

Semibarbula orientalis (F.Weber) Wijk & Margad. = *Barbula indica* (1620)

Semibarbula stuhlmannii (Broth.) Hilp. = *Barbula stuhlmannii* (1420) (= *Barbula indica*)

Senodictyon afrocrudum Müll.Hal., *nom. inval.* = *Pohlia afrocruda* (1521)

Senophyllum pygmaeum Müll.Hal. = *Barbula pygmaea* (1521)

Serpotortella chenagonii (Renauld & Cardot) W.D.Reese & R.H.Zander MDG(40),
REU(105).

Serpotortella cyrtophylla (Besch.) W.D.Reese & R.H.Zander MDG(1474), REU(105),
SEY(1926,1941,2353).

Serpotortella madegassa Dixon = *Serpotortella chenagonii* (1474)

Serpotortella marginata Dixon = *Serpotortella chenagonii* (1474)

Sigmatella callicostelloides Müll.Hal. ex Paris = *Taxithelium callicostelloides* [1521]. Excluded: an undescribed
collection (*Dusén 18*) from Cameroon.

Sigmatella glabriuscula Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Taxithelium glabriusculum* [1521]

Sigmatella hemicuspis Müll.Hal., *nom. nud.* = *Radulina borbornica* [6808]

Sigmatella leptopunctata Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Taxithelium leptopunctatum* [1521]

Sigmatella micrangia Müll.Hal. ex Broth., *nom. nud.* = *Taxithelium micrangium* [1521]. Excluded: an undescribed
collection by (*Dusén s.n.*) from Cameroon.

Sigmatella papillosa (Hornsch.) Müll.Hal. = *Trichosteleum papillosum* [1521]

Sigmatella perhamosa Müll.Hal. ex Paris, *nom. nud.* = *Trichosteleum perhamosum* [1521] (= *Radulina borbonica*)

Sigmatella perminuta Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Trichosteleum perminutum* [1521]

Sigmatella perminutula Müll.Hal. ex Paris, *nom. nud.* = *Taxithelium perminutulum* [1521]. Excluded: an undescribed
collection (*Dusén 475*) from Cameroon.

Sigmatella plana (Brid.) Müll.Hal. = *Taxithelium planum* [1521]

Sigmatella rotundatula Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Taxithelium rotundatulum* [1521]

Sigmatella tamatavensis Müll.Hal. ex Renauld & Cardot, *nom. nud. in synonym.* = *Trichosteleum borbonicum* var.
brachycarpum [4088: 98] (= *Radulina borbonica*)

Sigmatella taxicaulioides Müll.Hal. ex Grandid., *nom. nud. in synonym.* = *Acanthorrhynchium loucoubense* [1848: 475] (= *Acanthorrhynchium papillatum*)

Simophyllum viridulum Lindb., *nom. illeg. incl. spec. prior.* = *Weissia controversa* [1521]

Skitophyllum asplenioides (Hedw.) Bach.Pyl. = *Fissidens asplenioides* [1521]

Skitophyllum bryoides (Hedw.) Bach.Pyl. = *Fissidens bryoides* [1521]. Note: see *Fissidens bryoides* var. *bryoides*.

Skitophyllum congestum Bach.Pyl., *nom. illeg. incl. spec. prior.* = *Fissidens grandifrons* [1521]

Skitophyllum exile (Hedw.) Bach.Pyl. = *Fissidens exilis* [1521]

Skitophyllum fontanum Bach.Pyl. = *Fissidens fontanus* [1521; 82: 67]

Skitophyllum incurvum (Röhl) Bach.Pyl. = *Fissidens bryoides* var. *incurvum* [1521] (= *Fissidens bryoides*). Note: see
Fissidens bryoides var. *bryoides*.

Skitophyllum julianum (DC.) Brid., *nom. inval. in synonym.* = *Fissidens fontanus* [8172: 405]

Skitophyllum minutulum (Sull.) Lindb., *nom. inval. in synonym.* = *Fissidens minutulus* [1521]

Skitophyllum viridulum Lindb. ex Paris, *nom. inval. in synonym.* = *Fissidens bryoides* ssp. *viridulus* [1521] (= *Fissidens*
viridulus var. *viridulus*)

Solmsiella biseriata (Austin) Steere = *Erpodium biseriatum* (273)

Solmsiella ceylonica (Thwaites & Mitt.) Müll.Hal. = *Erpodium biseriatum* (46)

Solmsiella ceylonica var. *africanum* P.de la Varde = *Erpodium biseriatum* (46)

Sphaerangium africanum Rehm ex Geh., *nom. nud.* = *Goniomitrium africanum* [1521] (= *Goniomitrium acuminatum*
ssp. *africanum*)

Sphaerangium capense (Müll.Hal.) A.Jaeger = *Acaulon muticum* [1911: 218]. Excluded: see *Acaulon muticum*.

- Sphaerangium muticum* (Hedw.) Schimp. = *Acaulon muticum* [1521]. Excluded: see *Acaulon muticum*.
Sphaerocephalus palustris (Hedw.) Lindb. = *Aulacomnium palustre* [1521]
Sphaerocephalus turgidus (Wahlenb.) Lindb. = *Aulacomnium turgidum* [1521]
- Sphaerothecium subchlorophyllum*** (Müll.Hal. in Rabenh.) J.-P.Frahm
 LES(1475,1531,4897), SAF(1531,8328), ZIM(7623).
Sphagnum aculeatum Warnst. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
Sphagnum acutifolium var. *borbonicum* Renaud & Cardot ex Warnst. = *Sphagnum violascens* (59: 90)
Sphagnum acutifolium var. *recurvum* (P.Beauv.) Sw. Excluded: listed for sub-Saharan Africa by *Index Muscorum*, but no records have been reported.
Sphagnum acutifolium var. *recurvum* (P.Beauv.) Sw. = *Sphagnum recurvum* [1521]. Excluded: see *Sphagnum recurvum*.
Sphagnum acutifolium var. *rodriguezii* Renaud & Cardot, *nom. nud.* = *Sphagnum violascens* [59: 90]
Sphagnum aequifolium Warnst. = *Sphagnum rutenbergii* [8234: 14; 59: 108]
- Sphagnum africanum*** Welw. & Duby ANG(59), MLW(59,67), SAF(7766), ZAI(59), ZAM(59,62), ZIM(59).
Sphagnum afrocrassicladum Dixon & Sherrin in Dixon = *Sphagnum davidii* (59: 121)
Sphagnum albicans var. *angustilimbatum* (Warnst.) Warnst. = *Sphagnum planifolium* var. *angustilimbatum* (59: 148)
Sphagnum albicans Warnst. = *Sphagnum planifolium* var. *planifolium* (59: 146)
Sphagnum aloysii-sabaudiae G.Negri = *Sphagnum cuspidatum* (59: 137)
Sphagnum angolense Warnst. = *Sphagnum africanum* (59: 113)
Sphagnum angustilimbatum Warnst. = *Sphagnum planifolium* var. *angustilimbatum* (59: 148)
Sphagnum arbogastii Renaud & Cardot = *Sphagnum perichaetiale* (59: 83)
Sphagnum australe Mitt. = *Sphagnum lacteolum* Besch. [59] (= *Sphagnum strictum* ssp. *pappeanum*)
Sphagnum austromolle Müll.Hal. = *Sphagnum capense* (59: 124)
Sphagnum balfourianum Warnst. = *Sphagnum perichaetiale* (59: 83)
Sphagnum bernieri Besch. ex Renaud & Cardot = *Sphagnum cuspidatum* (59: 137)
Sphagnum bescherellei Warnst. = *Sphagnum strictum* ssp. *pappeanum* (59: 157)
Sphagnum bessonii Warnst. = *Sphagnum planifolium* var. *planifolium* (59: 146)
Sphagnum beyrichianum Warnst. = *Sphagnum pycnocladum* (59: 130)
Sphagnum borbonicum Warnst. = *Sphagnum violascens* (59: 90)
Sphagnum bordasii Besch. = *Sphagnum truncatum* var. *bordasii* (59: 106)
- Sphagnum bourbonense*** H.A.Crum REU(1632).
Sphagnum bourbonense P.Beauv. ex Steud., *nom. inval. in synon.* = *Sphagnum cymbifolium* var. *bourbonense* [1521] (= *Sphagnum perichaetiale*)
- Sphagnum capense*** Hornsch. MDG(59), MLW(59,67), MOZ(357), REU(59), SAF(59,1531,7766,8328), ZIM(59).
Sphagnum capense var. *austromolle* (Müll.Hal.) Warnst. = *Sphagnum capense* (59: 124)
Sphagnum capense var. *mollissimum* (Müll.Hal.) Warnst. = *Sphagnum capense* (59: 124)
Sphagnum capense var. *multiporosum* Warnst. = *Sphagnum capense* (59: 124)
- Sphagnum capillifolium*** ssp. ***capillifolium*** (Ehrh.) Hedw. REU(105).
Sphagnum cardotii Warnst. = *Sphagnum planifolium* var. *planifolium* (59: 146)
- Sphagnum ceylonicum*** Mitt. ex Warnst. KEN(59), MDG(59), REU(59), TAN(259), UGA(59), ZAI(65).
Sphagnum chevalieri Warnst. = *Sphagnum davidii* (59: 124)
Sphagnum clandestinum P.Beauv., *nom. nud.* = *Leucobryum javense* [7230: 88]
Sphagnum condensatum Brid. Note: not treated by Eddy (59), but included in Crosby *et al.* (40), and shown by *Index Muscorum* (1521) as present in Africa-3.
- Sphagnum condensatum*** Brid. REU(105).
Sphagnum congoanum Warnst. ex Renaud & Cardot = *Sphagnum planifolium* var. *angustilimbatum* (59: 148)
Sphagnum contortum var. *algerianum* (Cardot) Warnst. = *Sphagnum auriculatum* (59: 99)
Sphagnum convolutum Warnst. = *Sphagnum truncatum* [1911: 132; 59: 101]
Sphagnum coronatum Müll.Hal. ex Geh., *nom. nud. err.* = *Sphagnum coronatum* [1510] (= *Sphagnum truncatum*)
Sphagnum cordemoyi Warnst. = *Sphagnum violascens* (59: 90)
Sphagnum coronatum Müll.Hal. = *Sphagnum truncatum* (59: 101)
Sphagnum coronatum var. *cuspidatum* Rehmann ex Warnst. = *Sphagnum truncatum* (59: 101)
Sphagnum coronatum var. *falcatum* Müll.Hal. ex Warnst. = *Sphagnum truncatum* (59: 101)
Sphagnum coronatum var. *fluctuans* Rehmann ex Dixon & A.Gepp = *Sphagnum truncatum* (59: 101)
- Sphagnum cuspidatum*** Müll.Hal. MDG(59), RWA(59).
Sphagnum cuspidatum Renaud, *hom. illeg.* (1897) = *Sphagnum bernieri* [8239: 260] (= *Sphagnum cuspidatum* (1796))
- Sphagnum cuspidatum*** var. ***cuspidatum*** Hoffm. CON(59), GAB(59), MDG(59), REU(8282), RWA(59,65), UGA(59), ZAI(59,65).
Sphagnum cuspidatum var. *latetruncatum* Warnst., *nom. nud. in synon.* = *Sphagnum truncatum* [1911: 132; 59: 101]
Sphagnum cymbifolium (Ehrh.) Hedw. = *Sphagnum palustre* [1521]. Excluded: see *Sphagnum palustre*.
Sphagnum cymbifolium ssp. *papillosum* (Lindb.) Warnst. = *Sphagnum papillosum* [1521]. Excluded: listed by *Index Muscorum* for sub-Saharan Africa, but no records have been found.

- Sphagnum cymbifolium* var. *bourbonense* P.Beauv. = *Sphagnum perichaetiale* (59: 83)
Sphagnum cymbifolium var. *patens* (Brid.) Brid., *nom. illeg. incl. spec. prior.* = *Sphagnum cymbifolium* var. *bourbonense* [1521] (= *Sphagnum perichaetiale*)
Sphagnum cymbifolium var. *tenellum* (Hoffm.) Brid. = *Sphagnum papillosum* [1521]. Excluded: listed by *Index Muscorum* for sub-Saharan Africa, but no records have been found.
Sphagnum davidii var. *brachydasycladum* Warnst. = *Sphagnum davidii* (59: 121)
Sphagnum davidii var. *flavo-fuscescens* Warnst. = *Sphagnum davidii* [59: 121]
Sphagnum davidii var. *viride* Warnst. = *Sphagnum davidii* [59: 121]
- Sphagnum davidii*** Warnst. CMN(59), IVO(59), KEN(59,3412,5315), MLW(59,67), NGA(59), REU(59), RWA(59,65), SIE(59), TAN(59), UGA(59), ZAI(59,65).
Sphagnum drouhardii Cardot = *Sphagnum perichaetiale* (59: 83)
Sphagnum ericetorum Besch., *hom. illeg.* = *Sphagnum violascens* (59: 90)
- Sphagnum ericetorum*** Brid. MDG(59), REU(59).
Sphagnum eschowensis Warnst. = *Sphagnum truncatum* var. *bordasii* (59: 106)
- Sphagnum fimbriatum*** var. ***fimbriatum*** Wilson SAF(59,1531,8328).
Sphagnum flaccirameum Müll.Hal. ex Cardot, *nom. nud. in synon.* = *Sphagnum pallidum* [8304: 64] (= *Sphagnum rutenbergii*)
Sphagnum flavirameum Müll.Hal. ex Warnst. = *Sphagnum rutenbergii* (59: 108)
Sphagnum fluctuans Müll.Hal. = *Sphagnum truncatum* [1911: 132; 59: 101]
Sphagnum gabonense Besch. ex Warnst. = *Sphagnum cuspidatum* (59: 137)
Sphagnum glaucum ssp. *papillosum* Warnst. = *Sphagnum papillosum* [1521]. Excluded: listed by *Index Muscorum* for sub-Saharan Africa, but no records have been found.
Sphagnum glaucum var. *papillosum* Schimp. ex Warnst. = *Sphagnum papillosum* [1521]. Excluded: listed by *Index Muscorum* for sub-Saharan Africa, but no records have been found.
Sphagnum goetzeanum Warnst. = *Sphagnum pycnocladum* (59: 130)
Sphagnum grandirete Warnst. = *Sphagnum magellanicum* ssp. *grandirete* (59: 87)
- Sphagnum helenicum*** Warnst. STH(1296).
Sphagnum hildebrandtii Müll.Hal. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
Sphagnum humbertii Cardot = *Sphagnum capense* (59: 124)
Sphagnum humidulum Besch. ex Müll.Hal. *err.* = *Sphagnum tumidulum* [anon., in ms. (2787: 102)]
Sphagnum hypnooides Schimp. ex Warnst., *nom. inval. in synon.* = *Sphagnum truncatum* [1911: 126; 59: 103]
Sphagnum ikongense Warnst. = *Sphagnum cuspidatum* (59: 137)
Sphagnum imbricatum Schimp. ex Warnst. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
Sphagnum iridans Brid., *nom. illeg. incl. spec. prior.* = *Leucobryum javense* [1521]
Sphagnum islei Warnst. = *Sphagnum capense* (59: 124)
Sphagnum keniae Dixon = *Sphagnum ceylonicum* (59: 135)
Sphagnum kerstenii Hampe = *Sphagnum ceylonicum* (59: 135)
Sphagnum laceratum sensu Garside = *Sphagnum violascens* (59: 90)
Sphagnum lacteolum Besch. = *Sphagnum strictum* ssp. *pappeanum* (59: 155)
Sphagnum latelimbatum Müll.Hal. ex Warnst., *nom. nud. in synon.* = *Sematophyllum truncatum* [1911: 132]
Sphagnum laxirete Thér. = *Sphagnum pappeanum* Müll.Hal. [8233: 186] (= *Sphagnum strictum* ssp. *pappeanum*)
Sphagnum lingulatum Warnst., *nom. nud. in synon.* = *Sphagnum bordasii* [7971: 25] (= *Sphagnum truncatum* var. *bordasii*)
Sphagnum macromolluscum Dixon = *Sphagnum planifolium* var. *rugense* (59: 148)
Sphagnum madegassum Müll.Hal. = *Sphagnum planifolium* var. *planifolium* (59: 146)
Sphagnum magellanicum Müll.Hal. *auct. afr.* = *Sphagnum magellanicum* ssp. *grandirete* (59)
- Sphagnum magellanicum*** ssp. ***grandirete*** (Warnst.) A.Eddy MDG(59).
Sphagnum marginatum Schimp. ex Warnst. = *Sphagnum truncatum* [1911: 132; 59: 103]
Sphagnum marginatum var. *convolutum* (Warnst.) Warnst. = *Sphagnum truncatum* [1911: 132; 59: 103]
Sphagnum marginatum var. *fluctuans* Hampe ex Müll.Hal. = *Sphagnum truncatum* [1911: 132; 59: 103]
Sphagnum marlothii Warnst. = *Sphagnum perichaetiale* (59: 83)
Sphagnum mathieui var. *subsquarrosus* Warnst. Excluded: not mentioned by Eddy (59)
Sphagnum mathieui Warnst. = *Sphagnum truncatum* var. *bordasii* (59: 106)
Sphagnum mauritianum Warnst., 1891 = *Sphagnum rutenbergii* (59: 108)
Sphagnum mauritianum Warnst., 1911 = *Sphagnum truncatum* var. *bordasii* (59: 106)
Sphagnum meridense (Hampe) Müll.Hal. Excluded: this is an American taxon, not known in Africa (59). The synonym of this name given in Crosby *et al.* (40) is *Sphagnum cymbifolium* var. *patens* (Brid.) Brid., *nom. illeg.*, but this is treated by Eddy (59) as *nomina ambigua*, as there is no specimen and the description is "inadequate for positive identification".
Sphagnum mildbraedii Warnst. = *Sphagnum strictum* ssp. *pappeanum* [8232: 100; 59: 157]
Sphagnum mollissimum Müll.Hal. = *Sphagnum capense* (59: 124)
Sphagnum mollissimum var. *elongatum* Rehm ex Warnst. = *Sphagnum capense* (59: 124)
Sphagnum mucronatum Müll.Hal., *hom. illeg.* = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
Sphagnum nemoreum Scop. = *Sphagnum capillifolium* [7879]
Sphagnum obovatum Warnst. = *Sphagnum rutenbergii* (59: 108)
Sphagnum obtusifolium var. *capense* Sw. Excluded: not mentioned by Eddy [59].

- Sphagnum obtusifolium* Warnst., *nom. inval.* Excluded: this taxon is listed for Madagascar and the Mascarenes (40), but is not treated by Eddy (59) or *Index Muscorum*, and may be a mis-spelling of *Sphagnum obtusiusculum*, as the two synonyms of '*Sphagnum obtusifolium* Warnst.' given in Crosby & Schultze-Motel (40) are both now synonyms of *Sphagnum violascens* (59: 90).
- Sphagnum obtusiusculum* Lindb. ex Warnst. = *Sphagnum violascens* (59: 90)
- Sphagnum obtusiusculum* var. *pallescens* Warnst. = *Sphagnum violascens* [59: 90]
- Sphagnum obtusiusculum* var. *purpurascens* Warnst. = *Sphagnum violascens* [59: 90]
- Sphagnum oligodon* Rehmman ex Müll.Hal. = *Sphagnum truncatum* var. *bordasii* (59: 106)
- Sphagnum oligodon* var. *bachmanii* Warnst. = *Sphagnum truncatum* var. *bordasii* [59: 106]
- Sphagnum oligodon* var. *beyrichii* Warnst. = *Sphagnum truncatum* var. *bordasii* [59: 106]
- Sphagnum oxycladum* var. *mauritanum* (Warnst.) Warnst. = *Sphagnum truncatum* var. *bordasii* (59: 106)
- Sphagnum oxycladum* Warnst. = *Sphagnum truncatum* (59: 103)
- Sphagnum pallidum* Warnst. = *Sphagnum rutenbergii* (59: 108)
- Sphagnum palustre* L. Excluded: omitted from Eddy (59), but included in Crosby *et al.* (40) for Réunion, although not shown in *Index Muscorum* (1521) for Africa.
- Sphagnum palustre* ssp. *papillosum* (Lindb.) Russ. = *Sphagnum papillosum* [1521]. Excluded: reported from sub-Saharan Africa by *Index Muscorum*, but no records found.
- Sphagnum palustre* var. *cuspidatum* (Hoffm.) Lilj. = *Sphagnum cuspidatum* [1521]
- Sphagnum panduraefolium* Müll.Hal. = *Sphagnum capense* (59: 124)
- Sphagnum pappeani* Breutel ex Warnst. = *Sphagnum capense* (59: 124)
- Sphagnum pappeanum* Müll.Hal. = *Sphagnum strictum* var. *pappeanum* (82)
- Sphagnum pappeanum* var. *sparsifolium* (Warnst.) Warnst. = *Sphagnum strictum* ssp. *pappeanum* (59: 157)
- Sphagnum pappeanum* var. *subsquarrosus* Warnst. Excluded: not mentioned by Eddy [59].
- Sphagnum patens* Besch. = *Sphagnum strictum* ssp. *pappeanum* (59: 155)
- Sphagnum patens* Besch., *hom. illeg.* = *Sphagnum strictum* var. *pappeanum* [59: 155]
- Sphagnum perichaetiale* Hampe ANG(59), MAU(59,5916), MDG(59), REU(59), SAF(59,1531,8328).
- Sphagnum perrieri* Thér. MDG(40).
- Sphagnum perrieri* Thér. Note: not dealt with by Eddy (59), although shown as valid for Africa-3 in *Index Muscorum* (1521), and included in Crosby *et al.* (40).
- Sphagnum planifolium* var. *angustilimbatum* (Warnst.) A.Eddy MDG(59), TAN(59), UGA(59), ZAI(65), ZIM(59).
- Sphagnum planifolium* var. *congoanum* (Warnst.) Warnst. = *Sphagnum planifolium* var. *angustilimbatum* [59: 148]
- Sphagnum planifolium* var. *planifolium* Müll.Hal. CMN(59), GAB(59), IVO(59), KEN(59), MDG(59), RIM(4639), RWA(65), SAF(59), TAN(59), UGA(59), ZAI(59,65), ZAM(59), ZIM(59).
- Sphagnum planifolium* var. *rugegense* (Warnst.) A.Eddy KEN(59), RWA(65), TAN(59), UGA(59), ZAI(65), ZAM(59).
- Sphagnum potieri* H.K.G.Paul = *Sphagnum planifolium* var. *angustilimbatum* (59: 148)
- Sphagnum pseudocuspidatum* Warnst. = *Sphagnum madegassum* [1521] (= *Sphagnum planifolium* var. *planifolium*)
- Sphagnum pugionatum* Müll.Hal. ex Warnst. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
- Sphagnum pulchricoma* Müll.Hal. Excluded: only known from America (confused with *pulchricoma* Warnst., *hom. illeg.*).
- Sphagnum pulchricoma* Warnst., *hom. illeg.* = *Sphagnum planifolium* var. *planifolium* (59: 146)
- Sphagnum purpureum* Schimp. ex Warnst. = *Sphagnum violascens* (59: 90)
- Sphagnum pycnocladulum* Müll.Hal. MLW(59,67), RWA(59), SAF(59,1531,8328), ZIM(7623).
- Sphagnum pycnocladulum* var. *fuscescens* Warnst. = *Sphagnum pycnocladulum* [59: 130]
- Sphagnum pycnocladulum* var. *viride* Warnst. = *Sphagnum pycnocladulum* [59: 130]
- Sphagnum recurvatum* Warnst. ex Mildbr. = *Sphagnum planifolium* var. *rugegense* (59: 148)
- Sphagnum recurvum* P.Beauv. Excluded: reported from sub-Saharan Africa by *Index Muscorum*, but no records found.
- Sphagnum recurvum* var. *cuspidatum* (Hoffm.) Hartm. = *Sphagnum cuspidatum* [1521]
- Sphagnum recurvum* var. *pulchricoma* (Müll.Hal.) Warnst. Excluded: see under *Sphagnum pulchricoma* Müll.Hal.
- Sphagnum rehmannii* Warnst. = *Sphagnum truncatum* (59: 103)
- Sphagnum rigidiforme* Warnst. ex Cardot, *nom. nud. in synon.* = *Sphagnum pappeanum* [8304: 143]
- Sphagnum rodriguezii* Renauld & Cardot ex Warnst., *nom. nud. in synon.* = *Sphagnum violascens* [59: 90]
- Sphagnum rugegense* var. *gracilescens* Warnst. Excluded: not mentioned by Eddy [59]
- Sphagnum rugegense* Warnst. ex Mildbr. = *Sphagnum planifolium* var. *rugegense* (59: 148)
- Sphagnum rutenbergii* Müll.Hal. MAU(59), MDG(59), REU(59).
- Sphagnum ruwenzorensis* Negri = *Sphagnum planifolium* var. *rugegense* (59: 148)
- Sphagnum salvanii* Warnst. = *Sphagnum rutenbergii* (59: 108)
- Sphagnum scotiae* Cardot = *Sphagnum violascens* (59: 90)
- Sphagnum slooveri* A.Eddy BUR(59).
- Sphagnum sparsifolium* Warnst. = *Sphagnum strictum* ssp. *pappeanum* (59: 157)

- Sphagnum strictum* ssp. *pappeanum*** (Müll.Hal.) A.Eddy MDG(59), REU(59), RWA(59), SAF(59,1531,8328), TAN(59), UGA(59), ZAI(59,65).
Sphagnum strictum Sull. Note: this taxon appeared in error in previous lists for *S. strictum* var. *pappeanum*.
Sphagnum stuhlmannii Warnst. = *Sphagnum planifolium* var. *angustilimbatum* (59: 148)
Sphagnum submucronatum Müll.Hal. ex Warnst., nom. nud. in synon. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
Sphagnum subrotundifolium Müll.Hal. = *Sphagnum capense* (59: 124)
Sphagnum tenellum Ehrh. Ex Hoffm. Excluded: reported for Africa [1521], but excluded (regarded as boreal) by Eddy [59: 116]
Sphagnum transvaaliense Müll.Hal. ex Warnst. = *Sphagnum truncatum* (59: 103)
- Sphagnum truncatum* var. *bordasii*** (Besch.) A.Eddy BUR(59,65), MAU(59), MDG(59), REU(59), SAF(59).
- Sphagnum truncatum* var. *truncatum*** Hornsch. MOZ(59), SAF(59,1531,8328), SWZ(1531), ZIM(7623).
- Sphagnum tumidulum* var. *confusum*** A.Eddy REU(59).
Sphagnum tumidulum var. *macrophyllum* Warnst. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
Sphagnum tumidulum var. *microphyllum* Warnst. = *Sphagnum tumidulum* var. *tumidulum* (59: 117)
- Sphagnum tumidulum* var. *tumidulum*** Besch. MAU(59), MDG(59), REU(59).
Sphagnum ugandense J.Taylor & A.Thompson = *Sphagnum ceylonicum* (59: 135)
Sphagnum vandenbroeckii Naveau = *Sphagnum ceylonicum* (59: 135)
- Sphagnum violascens*** Müll.Hal. ASC(5329,5334,5340), MAU(59,5916), MDG(59), MLW(59,67), MOZ(59,357), REU(59), SAF(59,1531,8328).
Sphagnum wenckeii Roell = *Sphagnum capense* (59: 124)
Splachnobryum acutifolium Thér. = *Bryum acutifolium* (2383)
- Splachnobryum aquaticum*** Müll.Hal. CHA(51), SOM(50,2383,6215).
Splachnobryum boivinii Müll.Hal. = *Splachnobryum obtusum* (2383)
Splachnobryum brotheri Paris = *Splachnobryum gracile* (2383)
Splachnobryum crenulatum Cardot = *Splachnobryum obtusum* [265: 283; 2383]
Splachnobryum erosulum Müll.Hal. ex Dusén = *Gymnostomiella erosulum* (4669)
- Splachnobryum gracile*** Besch. CAF(47,2383,6215), CMN(2383,6215), COM(40,2383,6215), GAB(47,2383,6215), GUI(47,2383,6215), IVO(4928), MDG(40), MLW(67), NGA(334,2383,5176,6215), SIE(6215), TAN(2383,6215), ZAI(2383,6215).
Splachnobryum inundatum Müll.Hal. = *Splachnobryum obtusum* (2383)
- Splachnobryum obtusum*** (Brid.) Müll.Hal. BIO(2383,6215), BOT(2383,6215), CAF(47), CHA(2383,6215), CMN(47), GAB(47,2383,6215), GAM(2383,6215), GHA(5925,6215), GUI(47,2383,6215), IVO(4928,6215), MDG(40,2383,6215), MTN(6996), NGA(2383,4314,5176,6215), REU(8028), SIE(47), SOM(2383,6215), ZAI(65,2383,6215).
Splachnobryum rostratum Broth. & Paris = *Splachnobryum gracile* (2383)
Splachnobryum subjulaceum Cardot = *Splachnobryum gracile* (2383)
Splachnobryum subjulaceum var. *laxifolium* P.de la Varde = *Splachnobryum gracile* (2383)
Splachnobryum subjulaceum var. *subspatulifolium* P.de la Varde = *Splachnobryum gracile* (2383)
Splachnobryum suborbifolium (Paris & Broth.) Müll.Hal. = *Splachnobryum obtusum* (2383)
Splachnobryum tenerum Müll.Hal. ex Dusén = *Gymnostomiella vermicosa* var. *tenerum* (4669)
- Splachnum adolphi-friederici*** Broth. UGA(6624), ZAI(65).
Spoggodera cavallii (G.Negri) G.L.Sm. = *Oligotrichum cavallii* (2869)
Spoggodera cavallii (G.Negri) P.de la Varde & Thér., comb. inval. = *Oligotrichum cavallii* [2869]
Sporledera brevipes (Hook.) Müll.Hal. = *Bruchia brevipes* [1521]
Sporledera eckloniana (Müll.Hal.) Hampe ex A.Jaeger = *Bruchia eckloniana* [1521]
Sporledera ecklonii Hampe ex Kindb., nom. illeg. incl. spec. prior. = *Bruchia eckloniana* [1521]
Sporledera elegans (Hornsch.) Müll.Hal., nom. inval. in synon. = *Bruchia brevipes* [8020: 92]
Sporledera laxifolia Renauld & Cardot = *Pseudephemerum nitidum* (285)
Sporledera longifolia (Cardot) Broth. = *Nanomitriopsis longifolia* (3054)
Sporledera rehmannii Müll.Hal. = *Pleuridium pappeanum* [53: 22]
Squamidium bifforme (Hampe) Broth. = *Squamidium brasiliense* (93)
Squamidium bifforme var. *congesta* (Renauld & Cardot) Een = *Squamidium brasiliense* (93)
Squamidium bifforme var. *densirameum* (Broth.) Bizot = *Squamidium brasiliense* (93)
- Squamidium brasiliense*** (Hornsch.) Broth. COM(40,93), ETH(93,111), KEN(46,93,5315,6614,7065), MDG(40,93,1925), MOZ(93), REU(93,105,1925), RWA(65), SAF(1531,4897,7766,8328), SWZ(1531), TAN(46,93,1406), UGA(46,93), ZAI(65,93), ZIM(7623).

- Squamidium chlorothrix* (Müll.Hal.) Broth. = *Squamidium brasiliense* (93)
Squamidium densirameum (Broth.) Broth. = *Squamidium brasiliense* (93)
Squamidium rehmannii (Müll.Hal.) Broth. = *Squamidium brasiliense* [1519: 578]
Stableria aethiopica (Müll.Hal.) Broth. = *Orthodontium gracile* [616: 22]
Stableria gracilis (Bruch & Schimp.) Lindb. ex Braithw. = *Orthodontium gracile* [1521]
Stableria ruwenzorensis Thér. & Naveau = *Orthodontium ruwenzorensis* (1663).
Stableria tenella (Mitt.) Broth. = *Orthodontium gracile* [8312: 117]
Stenocarpidiopsis perflaris Müll.Hal. ex M.Fleisch., *nom. nud.* Excluded: an undescribed collection from Ethiopia [50: 240].
Stenocarpidium perflaris M.Fleisch., *nom. nud.* = *Stenocarpidiopsis perflaris* (1521). Excluded: see *Stenocarpidiopsis perflaris*.
Stenomitrium erosum Mitt. = *Zygodon erosus* (1521)
Stereodon abyssinicus (Müll.Hal.) Mitt. = *Pylaisiobryum abyssinicum* [1521]
Stereodon aduncoides (Brid.) Broth. = *Hypnum aduncoides* [1521] (= *Hypnum macrogynum*)
Stereodon afrocupressiformis Broth. ex Paris, *nom. nud.* = *Hypnum cupressiforme* var. *ericetorum* [1848: 456] (= *Hypnum jutlandicum*)
Stereodon alboalaris Broth. = *Rhacopilopsis variegata* (4720)
Stereodon algirianus (Schrad.) Brid. = *Rhynchostegiella tenella* [8151: 209]
Stereodon aubertii (Schwaegr.) Brid., *comb. inval.* = *Catagonium nitens* ssp. *nitens* [8103: 300]
Stereodon barteri Mitt. = *Erythrodontium barteri* [1521]
Stereodon basalticus (Müll.Hal.) Broth. ex Paris = *Hypnum aduncoides* [1911: 423] (= *Hypnum macrogynum*)
Stereodon borbonicus (Bél.) Mitt. = *Trichosteleum borbonicum* [1521] (= *Radulina borbonica*)
Stereodon brachycarpus Mitt. = *Sematophyllum brachycarpum* [1521]
Stereodon caespitosus (Hedw.) Mitt. = *Sematophyllum caespitosum* [1521] (= *Sematophyllum subpinnatum*)
Stereodon crassicaulis (Müll.Hal.) Broth. ex Paris = *Ectropothecium regulare* [1911: 425]
Stereodon cupressiformis (Hedw.) Brid. ex Mitt. = *Hypnum cupressiforme* (1521)
Stereodon cupressiformis var. *aduncoides* (Brid.) Brid. = *Hypnum aduncoides* [1521] (= *Hypnum macrogynum*)
Stereodon cupressiformis var. *brevisetus* (Schimp.) Braithw. = *Hypnum cupressiforme* [4926: 670]
Stereodon cupressiformis var. *ericetorum* (Bruch & Schimp.) C.E.O.Jensen = *Hypnum jutlandicum* [162]
Stereodon cupressiformis var. *tectorum* (Brid.) Braithw. Excluded: although this taxon is listed for Africa [1521], no records have been found.
Stereodon cupressiformis var. *vaucheri* (Lesq.) Lindb. & Arn. = *Hypnum vaucheri* (1521)
Stereodon denticulatus (Hedw.) Mitt. = *Plagiothecium denticulatum* [1521]. Note: see *Plagiothecium denticulatum*.
Stereodon diffusus Mitt. = *Ectropothecium diffusum* [1521]
Stereodon ericetorum (Bruch & Schimp.) Loeske = *Hypnum cupressiforme* var. *ericetorum* [1521] (= *Hypnum jutlandicum*)
Stereodon flavescens (Hook.) Mitt. = *Campyodontium flavescens* [1521] (= *Mesonodon flavescens*)
Stereodon fluitans (Hedw.) Brid., *comb. inval.* = *Drepanocladus fluitans* [1521] (= *Warnstorfia fluitans*)
Stereodon frondosus Mitt. = *Mittenothamnium frondosum* [1521] (= *Chryso-hypnum frondosum*)
Stereodon fruticellus Mitt. = *Mittenothamnium fruticellum* [1521] (= *Mittenothamnium reptans*)
Stereodon gratus (P.Beauv.) Brid. = *Thuidium gratum* [1521] (= *Pelekium gratum*)
Stereodon guineensis (Broth. & Paris) Paris = *Heterophyllum guineense* [1521] (= *Rhacopilopsis variegata*)
Stereodon hoehnelii (Müll.Hal.) Lindau ex Engl. = *Hypnum cupressiforme* [10: 1071]
Stereodon homalophyllum Mitt. = *Taxithelium homalophyllum* [1521]
Stereodon inflexus (Harv.) Mitt. = *Trachyphyllum inflexus* [1521]
Stereodon julicaulis (Broth. & Paris) Paris = *Heterophyllum julicaule* [1521] (= *Rhacopilopsis variegata*)
Stereodon juliformis Mitt., *nom. illeg. incl. spec. prior.* = *Erythrodontium julaceum* [1521]
Stereodon leptorhynchus Brid., *comb. inval.* = *Rhaphidorhynchium amoenum* [4340: 308] (= *Warburgiella leptorrhyncha*)
Stereodon mollicellus Mitt. = *Ectropothecium mollicellum* [1521]
Stereodon nepalensis (Schwaegr.) Mitt. = *Taxithelium nepalense* [1521]. Excluded: listed for sub-Saharan Africa by *Index Muscorum*, but no records found.
Stereodon nitidifolius Mitt. = *Plagiothecium nitidifolium* [1521]
Stereodon planus (Brid.) Mitt. = *Taxithelium planum* [1521]
Stereodon pseudoreptans (Müll.Hal.) Mitt. = *Mittenothamnium pseudoreptans* [1521]
Stereodon reptans (Hedw.) Mitt. = *Mittenothamnium reptans* [1521]
Stereodon riparius (Hedw.) Mitt. = *Leptodictyum riparium* [1521] (= *Amblystegium riparium*)
Stereodon rugosus (Hedw.) Brid., *comb. inval.* = *Rhytidium rugosum* [1521]
Stereodon semirevolutus (Müll.Hal.) Broth. ex Paris = *Hypnum cupressiforme* [10: 1071]
Stereodon spiniformis (Hedw.) Brid., *comb. inval.* = *Rhizogonium spiniforme* [1521] (= *Pyrrhobryum spiniforme*)
Stereodon uncinatus (Hedw.) Brid., *comb. inval.* = *Drepanocladus uncinatus* [1521] (= *Sanionia uncinata*)
Stereodon variegatus (Welw. & Duby) Broth. = *Rhacopilopsis variegata* (4720)
Stereodon vaucheri (Lesq.) Lindb. ex Broth. = *Hypnum vaucheri* (1521)
Stereohypnum afroelegantum (Broth.) M.Fleisch. = *Mittenothamnium horridulum* [1911: 419]
Stereohypnum frondosum (Mitt.) Broth. in Mildbr. = *Mittenothamnium frondosum* [1521] (= *Chryso-hypnum frondosum*)
Stereohypnum glabrifolium (Müll.Hal.) Broth. in Mildbr. = *Mittenothamnium pseudoreptans* [5142: 329]
Stereohypnum patens (Hampe) Broth. = *Mittenothamnium patens* [1521]
Stereohypnum patens var. *kilimandscharicum* Broth. = *Mittenothamnium patens* var. *kilimandscharicum* (45)
Stereohypnum pseudoreptans (Müll.Hal.) Broth. = *Mittenothamnium pseudoreptans* [1521]

Stereohyphnum reptans var. *pseudoreptans* (Müll.Hal.) M.Fleisch. = *Mittenothamnium pseudoreptans* [1521]
Stereohyphnum serratum (A.Jaeger) M.Fleisch. = *Mittenothamnium serratum* [1521] (= *Mittenothamnium reptans*)
Stereohyphnum subpatens Broth. = *Mittenothamnium subpatens* (45)
Stereophyllum acutum var. *acutum* Broth. & Paris ex Paris = *Entodontopsis tenuinervis* (719)
Stereophyllum acutum var. *viride* Broth. & Paris ex Paris = *Entodontopsis tenuinervis* (719)

Stereophyllum andungense (Welw. & Duby) A.Gepp ANG(46), CAF(47), GHA(47), NGA(334), TOG(1878), UGA(46).

Stereophyllum auriculatum A.Gepp = *Entodontopsis leucostega* (1349)
Stereophyllum bassaeianum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 7) from Cameroon.

Stereophyllum brunthaleri Broth. Excluded: probably a synonym of *Stereophyllum radiculosum* (719).
Stereophyllum buettneri Broth., *nom. nud.* = *Stereophyllum rivulare* [25: 329; 47: 516] (= *Stereophyllum radiculosum*)
Stereophyllum combaniense Besch. = *Stereophyllum linguae-folium* [4140: 47] (= *Entodontopsis nitens*)
Stereophyllum combaniense var. *nossibeianum* Thér. & P.de la Varde ex Thér. = *Entodontopsis nitens* (719)
Stereophyllum conterminum Cardot = *Entodontopsis nitens* (65)
Stereophyllum decolorans (Welw. & Duby) Broth. ex Paris = *Stereophyllum andungense* [1433: 307]

Stereophyllum favoroi Tosco & Piovano KEN(46).

Stereophyllum flavobrunneum Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 50) from Cameroon; an error in [47: 516] mistakenly attributes the collection to Senegambia.
Stereophyllum guineense Paris & Broth. = *Stereophyllum radiculosum* (719)
Stereophyllum guineense var. *crassinerve* Paris, *nom. nud.* Excluded: no description or specimens are provided, nor the location in Guinea [4141: 41]
Stereophyllum indicum (Bél.) Mitt. = *Stereophyllum radiculosum* (1349)
Stereophyllum laetevirens Broth. = *Entodontopsis nitens* (1349)

Stereophyllum laxirete Broth. & P.de la Varde CAF(47).

Stereophyllum leptapes Müll.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén* 67) from Cameroon.
Stereophyllum leptotapes Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 67) from Cameroon.
Stereophyllum leucomioides Broth. & Paris = *Entodontopsis tenuinervis* (719)
Stereophyllum limnobioides Renauld. Excluded: probably a synonym of *Stereophyllum radiculosum* (719).
Stereophyllum linguae-folium (Welw. & Duby) A.Gepp in Hiern = *Entodontopsis nitens* (1349)
Stereophyllum loseanum Broth. & Paris = *Entodontopsis tenuinervis* (719)

Stereophyllum macrocarpum J.Taylor & P.de la Varde ETH(719).

Stereophyllum microcarpum Thér. = *Entodontopsis tenuinervis* (719)
Stereophyllum natalense Sim = *Stereophyllum radiculosum* (719)
Stereophyllum nitens Mitt. = *Entodontopsis nitens* (719)
Stereophyllum odontocalyx (Müll.Hal.) A.Jaeger & Sauerb. = *Stereophyllum radiculosum* (719)
Stereophyllum omalosekos (Welw. & Duby) A.Jaeger & Sauerb. Excluded: probably a synonym of *Stereophyllum radiculosum* (719).
Stereophyllum pallidifolium Renauld & Cardot = *Entodontopsis nitens* (1349)
Stereophyllum pobeguini Broth. & Paris ex Paris = *Entodontopsis nitens* (1349)

Stereophyllum radiculosum (Hook.) Mitt. ANG(46), BEN(6128), CAF(47), CMN(47), ETH(50), GUI(47), IVO(44,63,1458), KEN(46,6614), MAU(105), MDG(40), MLW(67), NGA(47,334,4314,5148,5176,6263), REU(105), SAF(1531,7766,8328), SWZ(1531), TAN(46), TOG(47), UGA(392), ZAI(65,719), ZAM(46,62), ZIM(46,61).

Stereophyllum reclinatum Paris & Broth. ex Paris. Excluded: probably a synonym of *Stereophyllum radiculosum* (719).
Stereophyllum rhynchostegioides Broth. & Paris = *Entodontopsis rhynchostegioides* (719)
Stereophyllum rhyscens Broth. Excluded: probably a synonym of *Stereophyllum radiculosum* (719).
Stereophyllum rivale P.de la Varde = *Stereophyllum radiculosum* (1349)
Stereophyllum rivulare Mitt. = *Stereophyllum radiculosum* (1349)
Stereophyllum robustum Cardot = *Stereophyllum radiculosum* (65: 260)
Stereophyllum rufescens Broth. & Paris = *Entodontopsis rufescens* (719)
Stereophyllum tenuinerve Broth. & Paris = *Entodontopsis tenuinervis* (719)
Stereophyllum tisserantii Broth. & P.de la Varde in P.de la Varde = *Stereophyllum radiculosum* (1349)
Stereophyllum virens Cardot = *Stereophyllum reclinatum* [1521]. Note: this synonymy is taken from *Index Muscorum*, but the reference given is incorrect, and the correct reference is unknown.
Stereophyllum wageri Broth. ex Dixon, *nom. nud. in synon.* = *Stereophyllum odontocalyx* [4800: 212] (= *Stereophyllum radiculosum*)
Stereophyllum woodii (Sim) Magill in Magill & Schelpe Excluded: probably a synonym of *Stereophyllum radiculosum* (719)

Stereophyllum zuluense Broth. & Bryhn in Bryhn = *Entodontopsis nitens* (1349)

Stoneobryum mirum (Lewinsky) D.H.Norris & H.Rob. SAF(347,1531,7766,8328).

Streblotrichum convolutum (Hedw.) P.de la Varde = *Barbula convoluta* (2185)
Streblotrichum gracile Paris, *nom. inval. in synon. err.* = *Streblotrichum humile* [1521] (= *Tortella humilis*)
Streblotrichum humile (Hedw.) P.Beauv. = *Tortella humilis* [1521]
Streblotrichum piliferum (Hook.) Hilp. = *Tortella pilifera* [1521] (= *Pseudocrossidium crinitum*)

- Strephedium hygrometricum* (Hedw.) P.Beauv. ex Brid., *nom. inval. in synon.* = *Funaria hygrometrica* [1521]
Streptocalypta pulchreiretis (Dixon) R.H.Zander SAF(1531,8328).
Streptopogon calymeres Müll.Hal. ex Geh. BIO(8180), MDG(40), RWA(65), UGA(4282), ZAI(65).
Streptopogon calymerifolius Paris, *nom. illeg. incl. spec. prior.* = *Streptopogon calymeres* [1521]
Streptopogon calymeroides Demaret & P.de la Varde = *Streptopogon calymeres* (6959)
Streptopogon elimbatus 'Cardot in P.de la Varde'. Excluded: the reference provided by *Index Muscorum* does not contain this name; it is possibly a mistake for *Streptopogon subelimbatus*.
Streptopogon erythrodontus (Taylor) Wilson BIO(8180), CMN(47), ETH(111), KEN(46), LES(4897), MDG(40,1925), RWA(65), SAF(4897,8328), TAN(46), UGA(46), ZAI(65).
Streptopogon erythrodontus var. *rutenbergii* (Müll.Hal. ex Geh.) E.S.Salmon = *Streptopogon erythrodontus* (6959)
Streptopogon hildebrandtii Müll.Hal. = *Streptopogon erythrodontus* (6959)
Streptopogon lindigia Müll.Hal., *nom. nud.* Excluded: no specimen or locality given.
Streptopogon mavegeanensis Besch. ex Paris, *nom. nud.* = *Funaria mayottensis* [5051: 109]
Streptopogon mayottensis Besch. = *Funaria mayottensis* [1521]
Streptopogon parkeri Mitt. ex C.H.Wright, *nom. nud.* = *Streptopogon erythrodontus* (6959)
Streptopogon rigidus Mitt. ex Broth. = *Streptopogon calymeres* [1848: 222]
Streptopogon rutenbergii Müll.Hal. ex Geh. = *Streptopogon erythrodontus* (6959)
Streptopogon stenophyllus P.de la Varde & Thér. = *Streptopogon erythrodontus* (6959)
Streptopogon subelimbatus Cardot = *Streptopogon erythrodontus* (6959)
Streptothecca palustre Arnott ex Limpr., *nom. inval. in synon.* = *Aulacomnium palustre* [1521]
Streptothecca turgida Arnott ex Limpr., *nom. inval. in synon.* = *Aulacomnium turgidum* [1521]
Stylostegium caespiticium (F.Weber & D.Mohr) Bruch. & Schimp. Excluded: this taxon, currently known as *Blindia caespiticia*, is reported by *Index Muscorum* as being present in sub-Saharan Africa, but no record has been found.
Swartzia capillacea (Hedw.) Brid. = *Distichium capillaceum* [1521]
Swartzia montana Lindb., *nom. illeg. incl. spec. prior.* = *Distichium capillaceum* (1521)
Swartzia trifaria (Hedw.) P.Beauv. = *Didymodon trifarius* [1521]. Note: see *Didymodon trifarius*.
Symblepharis circinata Besch. = *Chionoloma bombayense* [7961: 36]
Symblepharis rhacomitrioides Dixon = *Grimmia abyssinica* (7442)
Symblepharis socotrana Mitt. = *Weissia artocosana* [1420]
Symblepharis usambarica Broth. = *Chionoloma bombayense* [7961: 36]
Symphiodon pygmaeus (Broth.) S.He & Snider ETH(1927), MDG(40,5631), MLW(6087), MOZ(357,5631), REU(357,5631).
Syntrichia alpestris (Dixon in Herzog) R.H.Zander KEN(46).
Syntrichia ammoniana (H.A.Crum & L.E.Anderson) Ochyra LES(1531,4897), NAM(1531,7155), REU(8028), SAF(1531,3411,4897,7766,8287,8328), ZIM(8287).
Syntrichia amphidiacea (Müll.Hal.) R.H.Zander CVI(2666,6453), SAF(6400), TAN(46), UGA(4282,4304), ZIM(61).
Syntrichia antarctica (Hampe in Müll.Hal.) R.H.Zander LES(1863), SAF(1863,8328).
Syntrichia austroafricana (Kramer) R.H.Zander LES(1863,4897), SAF(1863,8328).
Syntrichia cavalli (G.Negri) Ochyra ETH(1158,1927), KEN(46,136,3412,5315), RWA(65), TAN(46), UGA(46), ZAI(65).
Syntrichia chisosa (Magill, Delgad. & L.R.Stark) R.H.Zander LES(1531), NAM(1531,8024), SAF(1531,8328).
Syntrichia erythroneura (Müll.Hal.) Sim, *nom. inval. in synon.* = *Tortula ruralis* [1911: 227] (= *Syntrichia ruralis*)
Syntrichia fragilis (Taylor) Ochyra CAF(47), CVI(2666,6453), DJI(1569), ERI(50), ETH(50,1927,6137), KEN(46,5315,6615,7251), LES(1531,4897), MOZ(46), NAM(1531), REU(8028), RWA(65), SAF(1531,3411,4897,7766,8328), SOC(5613,6049), SOM(50), SWZ(1531), TAN(46), UGA(46), ZAI(65,5319), ZIM(46,61).
Syntrichia intermedia var. *calva* (Durieu & Sagot) Delogne = *Syntrichia montana* var. *calva* [7729]
Syntrichia intermedia var. *intermedia* Brid. CHA(4507).
Syntrichia laevipila var. *laevipila* Brid. CVI(2666), ETH(1927), KEN(411).
Syntrichia leucostega var. *leucostega* (Müll.Hal.) R.H.Zander LES(1863), SAF(1863,8328).
Syntrichia leucostega var. *trachyneura* (Dixon) R.H.Zander SAF(1863,8328).
Syntrichia magilliana L.E.Anderson SAF(3618,8328).
Syntrichia mollis (Bruch & Schimp. ex Müll.Hal.) R.H.Zander ETH(50).
Syntrichia montana var. *calva* (Durieu & Sagot ex Bruch & Schimp.) J.J.Amann CHA(4507).

- Syntrichia norvegica*** F.Weber LES(1863,4304,4897), SAF(1863,4304,8328).
- Syntrichia pagorum*** (Milde) J.J.Amann KEN(7251), LES(4897), SAF(1531,7766,8328), SWZ(1531), ZIM(61).
Syntrichia pagorum (Milde) J.J.Amann. Note: the differences between this taxon and *Syntrichia laevipila* may be too slight to justify retention of this taxon (Sollman, pers. comm.).
- Syntrichia papillosa*** (Wilson in Spruce) Jur. KEN(411), LES(4897), NAM(4418,8024), SAF(1531,7766,8328).
Syntrichia princeps (De Not.) Mitt. Note: material called by this name from the southern hemisphere may belong to *Syntrichia antarctica* (Sollman, pers. comm.), and it is possible that *Syntrichia princeps* does not occur in sub-Saharan Africa.
- Syntrichia princeps*** (De Not.) Mitt. SAF(1531,8328).
- Syntrichia rubella*** (Hook.f. & Wilson) R.H.Zander SAF(1863,8328).
- Syntrichia ruralis* ssp. *ruraliformis*** (Besch.) Husn. ex T.Durand ETH(1927).
- Syntrichia ruralis* ssp. *ruralis*** (Hedw.) F.Weber & D.Mohr CHA(4507), ETH(1865), LES(1531,1863,4897), NAM(7155), SAF(1531,7766,8328), SUD(1419).
Syntrichia ruralis var. *arenicola* (Braithw.) J.J.Amann = *Syntrichia ruraliformis* (4793)
- Syntrichia subaristata*** (Broth. & Schimp. ex Müll.Hal.) R.H.Zander ERI(50), ETH(50,1927).
Syrrhopodon Schwägr. Note: all records previously recorded for the genus *Calymperopsis* have now been transferred to this genus (see note under *Calymperopsis*). As Reese's revisions do not discuss the African distribution in detail, the data shown here for subgenus *Pseudocalymperes* should be treated with caution (considering previous misunderstanding of the subgenus) until the distribution has been revised. The distributions of *Syrrhopodon africanus* var. *africanus* and *Syrrhopodon subdisciformis* are most likely to be suspect.
Syrrhopodon acrodontus Demaret & V.Leroy = *Syrrhopodon gaudichaudii* (24: 175)
Syrrhopodon aculeatoserratus Besch. = *Syrrhopodon gardneri* (132)
Syrrhopodon aculeoserratus Besch. ex Paris, *nom. inval. orthogr.* = *Syrrhopodon aculeatoserratus* [1521]
Syrrhopodon africanus ssp. *africanus* (Mitt.) Paris. Note: see comments under *Syrrhopodon* about distribution data for this taxon.
- Syrrhopodon africanus* var. *africanus*** (Mitt.) Paris BEN(400), CMN(47,1708), CON(47), GAB(47), GUI(47,1458), MDG(40), NGA(47,5148,5176), REU(8028), RIM(4639), SIE(47), TAN(46), UGA(7353), ZAI(65,1125).
- Syrrhopodon africanus* var. *mandrakensis*** (Tixier) W.D.Reese MDG(1346,6908), RWA(2675), ZAI(2675).
Syrrhopodon afrocliliatus Müll.Hal. ex Dusén = *Syrrhopodon armatus* (24: 175)
Syrrhopodon afrotristichus Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Syrrhopodon lamprocarpus* [4087: 17]
- Syrrhopodon albidus* ssp. *integrifolius*** (E.B.Bartram) L.T.Ellis MDG(6908), MLW(7995), SEY(2033,2353,7995).
- Syrrhopodon apertifolius*** Besch. MAU(7995), MDG(7995), REU(7995).
- Syrrhopodon aristifolius*** Mitt. SOC(2738).
- Syrrhopodon armatissimus*** W.D.Reese MDG(1375,4637).
Syrrhopodon armatus fo. *rubrotomentosus* (Cardot) Demaret & V.Leroy = *Syrrhopodon armatus* (24: 175)
- Syrrhopodon armatus*** Mitt. BIO(2662), CMN(47), CON(47), GAB(47), GUI(363), IVO(44), NGA(47,5148), RIM(4639), ZAI(65,363,5319).
- Syrrhopodon armatus* ssp. *insularus*** (Bizot & Onr.) Orbán & W.D.Reese MDG(361), REU(361), SEY(361,2033,2353), TAN(46,361), ZAI(1125).
Syrrhopodon armatus var. *latifolius* P.de la Varde = *Syrrhopodon armatus* [1473: 208]
- Syrrhopodon asper*** Mitt. GAB(24), KEN(46,6615,7065), MDG(105), MLW(67,6087,6813), MOZ(46,6813), REU(105), RIM(4639), RWA(65), SAF(1531,8328), TAN(46,362,6813), UGA(6813), ZAI(65,363), ZAM(62), ZIM(61).
Syrrhopodon brevicaulis E.B.Bartram = *Syrrhopodon prolifer* var. *prolifer* (6232: 31)
Syrrhopodon brevifolius Broth. & P.de la Varde = *Syrrhopodon gardneri* (24: 171)
Syrrhopodon brevifolius var. *overlaetii* (Thér. & Naveau) Dixon & Thér. = *Syrrhopodon gardneri* (24: 171)
Syrrhopodon brevivaginans Demaret & V.Leroy = *Syrrhopodon incompletus* var. *incompletus* (132)
Syrrhopodon chenagonii Renauld & Cardot = *Serpotortella chenagonii* [1474: 234]
Syrrhopodon chevalieri P.de la Varde = *Syrrhopodon planifolius* (24: 176)
Syrrhopodon chlorothrix (Müll.Hal.) Broth. Note: this name, which appeared in Born *et al.* (65), is a transcription error for *Squamidium chlorothrix* (= *Squamidium brasiliense*).
Syrrhopodon cirrifolius Schimp. ex A.Jaeger = *Syrrhopodon uncinifolius* [1911: 264] (= *Syrrhopodon gaudichaudii*)
Syrrhopodon congolensis Besch. Excluded: see Orbán (24).

- Syrrhopodon crenulatus*** (Tixier) W.D.Reese BIO(2662), GAB(47), REU(8028).
- Syrrhopodon croceus*** Mitt. SEY(1926,2033,2353).
Syrrhopodon cryptocarpus Dozy & Molk. = *Heliconema cryptocarpus* (Dozy & Molk.) Ellis & Eddy, *nom. inval.* (755)
 (= *Chameleion cryptocarpus*)
- Syrrhopodon cuneifolius*** Thér. MDG(24,40,6908).
Syrrhopodon curranii Broth. = *Syrrhopodon gardneri* [2740: 87]
Syrrhopodon cyrtophyllus Besch. = *Sepotortella cyrtophylla* [1474: 232]
Syrrhopodon decipiens P.de la Varde = *Syrrhopodon planifolius* (24)
- Syrrhopodon dimorphophyllus*** L.T.Ellis MDG(7995), MLW(7995).
- Syrrhopodon disciformis*** Dusén CAF(47), CMN(47,1708), GAB(47), IVO(1880),
 NGA(47,5148,5176), RIM(4639), ZAI(400).
Syrrhopodon dregei Hornsch. = *Hypodontium dregei* (1521)
Syrrhopodon dusenii Müll.Hal. ex Dusén, *nom. nud. in synon.* = *Calymperopsis disciformis* [4087: 17] (= *Syrrhopodon subdisciformis*)
Syrrhopodon erectifolius Müll.Hal. = *Syrrhopodon obliquirostris* (1911: 263) (= *Syrrhopodon gaudichaudii*)
Syrrhopodon floridanus Sull. in Sull. & Lesq. = *Syrrhopodon incompletus* var. *incompletus* [5547: 48]
Syrrhopodon gabonensis Broth. & P.de la Varde = *Syrrhopodon gardneri* (24: 171)
Syrrhopodon gabonensis var. *aspericuspis* P.de la Varde = *Syrrhopodon asper* (24: 172)
- Syrrhopodon gardneri*** (Hook.) Schwägr. ANG(46,6813), BIO(8180), BUR(65), CMN(24),
 COM(40), ETH(111), GAB(24,47), GUI(24,363), IVO(4928), MDG(24,40,6813,6908),
 MLW(67,6087,6813), NGA(5148,5176), REU(24,105), RWA(65), SAO(24), SIE(24),
 TAN(24,46,4637), UGA(4282,6813), ZAI(65,363,6813).
- Syrrhopodon gaudichaudii*** Mont. BIO(8180), COM(24), GAB(24), GUI(24,363),
 IVO(4928), MDG(24,40,7995), MLW(67,6087,7995), MOZ(46), REU(24,7995),
 SAF(1531,4897,7766,7995,8328), STH(4626), SWZ(1531), TAN(46,362),
 UGA(46,363,7995), ZAI(65,363), ZIM(24).
Syrrhopodon geminifolius Renauld & Cardot ex Paris, *nom. inval. err.* = *Syrrhopodon graminifolius* [1521]
Syrrhopodon glaucophyllus Renauld & Cardot = *Syrrhopodon prolifer* var. *acanthoneuros* (6232: 36)
Syrrhopodon glaucophyllus var. *rufus* Renauld & Cardot = *Syrrhopodon prolifer* var. *acanthoneuros* (6232: 36)
Syrrhopodon glaucovirens Mitt. = *Syrrhopodon croceus* [1579: 246]
Syrrhopodon gomesii P.de la Varde = *Syrrhopodon asper* (24: 172)
Syrrhopodon grainvillei P.de la Varde ex Thér. = *Syrrhopodon gaudichaudii* (6232: 37)
- Syrrhopodon graminifolius*** Renauld & Cardot MAU(1375), MDG(24,40).
Syrrhopodon guineensis Broth. & Paris = *Syrrhopodon africanus* ssp. *africanus* (1909)
- Syrrhopodon hispidocostatus*** Renauld & Cardot in Renauld MAU(1375,7995),
 MDG(24,40,6908,7345,7995), MLW(6087,7345), REU(24,7995), SEY(2033,2353,7345).
- Syrrhopodon incompletus*** var. *incompletus* Schwägr. TAN(46,362), UGA(7353),
 ZAI(24,65).
Syrrhopodon insularis Bizot & Onr. = *Syrrhopodon armatus* var. *insularis* (132)
Syrrhopodon integrifolius E.B.Bartram = *Syrrhopodon prolifer* var. *prolifer* (6232: 38)
- Syrrhopodon involutus*** Schwägr. CAF(47), CGS(5699,8220), DIE(2005), MAU(24),
 MDG(24,40), REU(24), SEY(24,2033,2353), ZAI(24,65).
Syrrhopodon isleanus Besch. = *Syrrhopodon prolifer* var. *prolifer* (1344)
Syrrhopodon islei Besch. ex Kindb., *nom. illeg. incl. spec. prior.* = *Syrrhopodon islaeanus* [1521]
Syrrhopodon jacobi Besch. ex Renauld = *Sepotortella chenagonii* (1474)
- Syrrhopodon lamprocarpus*** Mitt. BIO(47,2662,3414), CMN(47), CON(24), GAB(47),
 RIM(4639), RWA(65), SAO(47), UGA(4282), ZAI(65).
Syrrhopodon lepervanchei Besch. = *Syrrhopodon gaudichaudii* (24: 175)
Syrrhopodon leptodontoides Besch. = *Sepotortella cyrtophylla* (1474)
Syrrhopodon lindae P.de la Varde = *Syrrhopodon gaudichaudii* (24: 175)
Syrrhopodon lineaeifolius P.de la Varde = *Syrrhopodon cryptocarpa* (24: 173) (= *Chameleion cryptocarpus*)
Syrrhopodon linealis Dixon & Thér. = *Syrrhopodon gaudichaudii* (132)
Syrrhopodon lisowskii Orbán = *Syrrhopodon gardneri* (6813)
Syrrhopodon littoralis Müll.Hal. = *Syrrhopodon prolifer* var. *acanthoneuros* (6232: 40)
Syrrhopodon macowani Müll.Hal. ex Kindb., *nom. nud.* = *Hypodontium pomiforme* [1911: 262]
Syrrhopodon macowanianus Müll.Hal., *nom. nud. in synon.* = *Hypodontium pomiforme* [1911: 262]
Syrrhopodon madagasariensis Thér. = *Syrrhopodon parasiticus* [1909: 143]
- Syrrhopodon mahensis*** var. *levis* Orbán SEY(2033,2353).
- Syrrhopodon mahensis*** var. *mahensis* Besch. REU(105),
 SEY(24,1618,1926,1941,1945,1946,1947,1950,2030,2033,2328,2353,4899,4932).

Syrrhopodon mahensis* var. *palmarum* Orbán SEY(2033,2353).Syrrhopodon malouinensis* Ångstr. ex Besch. = *Syrrhopodon mauritianus* (6232: 41)***Syrrhopodon mauritianus* Müll.Hal. ex Ångstr. COM(24), MAU(24,362), MDG(24,40,362), REU(24,362), TAN(46,362).***Syrrhopodon maveganensis* Besch. = *Syrrhopodon gardneri* [24: 171; 6232: 42]*Syrrhopodon maveganensis* var. *crispatus* Thér. = *Syrrhopodon gardneri* [24: 171; 6232: 42]*Syrrhopodon microblepharis* P.de la Varde = *Syrrhopodon gardneri* (132)*Syrrhopodon microbolaceus* Müll.Hal. ex Kindb., *nom. inval. err.* = *Syrrhopodon microbolax* [1521] (= *Syrrhopodon involutus*)*Syrrhopodon microbolax* Müll.Hal. ex Besch. = *Syrrhopodon involutus* [2737: 198; 6232: 42]*Syrrhopodon microundulatus* Dixon = *Mitthyridium microundulatum* [1801: 434]*Syrrhopodon mildbraedii* Broth. in Mildbr. = *Syrrhopodon asper* (24: 172)*Syrrhopodon mildbraedii* var. *parvifolius* P.de la Varde = *Syrrhopodon asper* (24: 172)*Syrrhopodon nossi-beanus* Besch. = *Calymperes taitense* [4776: 207]*Syrrhopodon nossi-beanus* var. *borbonicus* Renaud & Cardot in Renaud. Excluded: not recorded in subsequent literature.*Syrrhopodon obliquirostris* Müll.Hal. = *Syrrhopodon gaudichaudii* (24: 175)*Syrrhopodon obscurus* Rehmann ex Geh., *nom. nud.* = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)*Syrrhopodon obtusus* (Brid.) Schwaegr. = *Splachnobryum obtusum* [1521]*Syrrhopodon obuduensis* Egunyomi & Olar. = *Syrrhopodon africanus* ssp. *africanus* (1909)*Syrrhopodon overlaetii* Thér. & Naveau = *Syrrhopodon gardneri* (24: 171)*Syrrhopodon oxyphyllus* P.de la Varde = *Syrrhopodon gaudichaudii* (24: 175)***Syrrhopodon parasiticus* (Sw. ex Brid.) Besch. CMN(1708), MDG(40), REU(6859).***Syrrhopodon patentifolius* P.de la Varde, *nom. nud.* Note: this taxon was named as a new species in a 1955 list (6231) including several other new species, all of which (apart from this one) were also described in an earlier 1950 paper (191). However, *Syrrhopodon patulifolius* was described in the 1950 paper and is the only one (apart from two *Schlotheimia* varieties) not to appear also in the 1955 paper, and from the description could be the same taxon. It appears that a transcription error is to blame, and this name is an orthographic error for *Syrrhopodon patulifolius* (= *Syrrhopodon prolifer* var. *prolifer*).*Syrrhopodon patulifolius* P.de la Varde, *hom. illeg.* = *Syrrhopodon vardei* [7995: 164]*Syrrhopodon paucifimbriatus* Müll.Hal. ex Dusén = *Syrrhopodon armatus* [24: 176]***Syrrhopodon perdusenii* W.D.Reese CMN(1711), UGA(7353).***Syrrhopodon perichaetialis* Bruch ex Krauss = *Hypodontium dregei* (82: 170)*Syrrhopodon phragmidaceus* Müll.Hal. Excluded: see Orbán (24)*Syrrhopodon pintasii* Broth. ex Müll.Hal., *nom. inval. err.* = *Syrrhopodon quintasii* [1521] (= *Syrrhopodon gardneri*)*Syrrhopodon piriformis* Müll.Hal. ex Kindb. = *Hypodontium pomiforme* [6224: 108]*Syrrhopodon planifolius* fo. *subaciliatus* P.de la Varde. Excluded: any records for this form have been associated with the owning species.***Syrrhopodon planifolius* P.de la Varde BKN(24,7345), GAB(24,47), GUI(24,5041,7345), IVO(1458), NGA(24,7345).***Syrrhopodon pobeguini* Paris & Broth. = *Syrrhopodon gaudichaudii* (24: 175)*Syrrhopodon pomiformis* (Hook.) Hampe = *Hypodontium pomiforme* (82: 172)*Syrrhopodon pomiformis* var. *macowanianus* (Müll.Hal.) Paris = *Hypodontium pomiforme* [1911: 262]*Syrrhopodon pomiformis* var. *truncicola* Rehmann ex Paris, *nom. nud.* = *Hypodontium pomiforme* [1911: 262]***Syrrhopodon pottioides* Orbán MDG(4637), REU(8033).*****Syrrhopodon prolifer* var. *acanthoneuros* (Müll.Hal.) Müll.Hal. COM(24,40), MAU(24,7345), MDG(24,40,7345), REU(24,7345), RIM(4639), TAN(46).*****Syrrhopodon prolifer* var. *prolifer* Schwägr. COM(105), MAU(105), MDG(24,40,1925), MLW(6087), REU(105), SEY(24,1946,2033,2353,4899), TAN(46).*****Syrrhopodon prolifer* var. *scaber* (Mitt.) W.D.Reese SEY(2033,2353).***Syrrhopodon prolifer* var. *seychellarum* Orbán = *Syrrhopodon albidus* var. *integrifolius* [7995]***Syrrhopodon pulcher* W.D.Reese MDG(4637).***Syrrhopodon pulvinaris* Paris = *Syrrhopodon gaudichaudii* (24: 175)*Syrrhopodon puniformis* Hampe ex J.Shaw, *nom. inval. err.* = *Hypodontium pomiforme* [1521]*Syrrhopodon quintasii* Broth. = *Syrrhopodon gardneri* (361)*Syrrhopodon recurvifolius* Hornsch. = *Orthotrichum recurvifolium*, *hom. illeg.* [1521]*Syrrhopodon reinwardtii* Hornsch. = *Zygodon reinwardtii* [1521]*Syrrhopodon revolutus* Dozy & Molk. = *Syrrhopodon involutus* (1579)***Syrrhopodon rodriguezii* Renaud & Cardot REU(24).***Syrrhopodon rodriguezii* var. *sublaevis* Renaud & Cardot = *Syrrhopodon rodriguezii* (24: 172)*Syrrhopodon rubrotomentosus* Cardot = *Syrrhopodon armatus* (24: 175)*Syrrhopodon rubrotomentosus* var. *subaciliatus* P.de la Varde = *Syrrhopodon armatus* (24: 175)*Syrrhopodon rubrotomentosus* var. *sublaevis* P.de la Varde = *Syrrhopodon armatus* [277: 221; 24: 175]

- Syrrhopodon rufus* Renauld & Cardot, *nom. nud. in synon.* = *Syrrhopodon glaucophyllus* var. *rufus* [1521] (= *Syrrhopodon prolifer* var. *acanthoneuros*)
Syrrhopodon scabrosus Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
Syrrhopodon seignaci Besch. = *Syrrhopodon gaudichaudii* (6232: 48)
Syrrhopodon semicircularis Müll.Hal. Excluded: see Orban [24: 177].
Syrrhopodon sparsus Renauld & Cardot = *Syrrhopodon mauritanus* (40: 206)
- Syrrhopodon spiralis*** Renauld & Cardot MDG(7995), MLW(7995), TAN(7995).
Syrrhopodon spiralis Renauld & Cardot = *Syrrhopodon prolifer* var. *prolifer* (1344)
Syrrhopodon spurioidisciformis Dusén = *Syrrhopodon africanus* var. *africanus* [1909: 143]
- Syrrhopodon stuhlmannii*** Broth. ex Orbán TAN(46,361).
- Syrrhopodon subdisciformis*** Dusén BEN(400), CMN(47,1708), GAB(47), GHA(47), LBR(47), NGA(47,5148,5160), TAN(46), ZAI(400).
Syrrhopodon subdisciformis Dusén. Note: see comments above under *Syrrhopodon* about distribution data for this taxon.
Syrrhopodon subflavus Renauld & Cardot. = *Mitthyridium subflavum* [3432: 434]
Syrrhopodon subleucophanoides P.de la Varde = *Syrrhopodon gaudichaudii* (24: 175)
Syrrhopodon subspiralis Cardot in Grandid. = *Syrrhopodon prolifer* var. *prolifer* (6232: 51)
Syrrhopodon tenellifolius (Dusén) Besch. = *Syrrhopodon armatus* (24)
- Syrrhopodon tixieri*** W.D.Reese MDG(1346).
Syrrhopodon tortelloides Broth. ex Cardot in Grandid., *nom. nud. in synon.* = *Thyridium chenagonii* [1848: 182] (= *Serpotortella chenagonii*)
Syrrhopodon tortuosus Hornsch. = *Amphidium tortuosum* (1519: 487)
Syrrhopodon uncinifolius Müll.Hal. = *Syrrhopodon gaudichaudii* [24: 175]
Syrrhopodon uncinifolius var. *anomalus* Müll.Hal. = *Syrrhopodon gaudichaudii* [24: 175]
Syrrhopodon usambaricus Broth. ex Orbán = *Syrrhopodon asper* (6813)
- Syrrhopodon vardei*** L.T.Ellis MDG(7995).
Syrrhopodon viguieri Thér. = *Syrrhopodon parasiticus* [1909: 142]
- Syrrhopodon virgulicola*** W.D.Reese CMN(1711).
Syrrhopodon welwitschii Duby = *Syrrhopodon gardneri* (24: 171)
Systegium tetragonum (Hook.) Paris = *Tetrapterum tetragonum* [1521]
Systegium unguiculatum Mitt. = *Trichostomum unguiculatum* (1420)
Tamariscella djuriensis Müll.Hal., *nom. nud. in synon.* Excluded: see note under *Thuidium djuriense*.
Tamariscella involvens (Hedw.) Müll.Hal., *comb. inval.* = *Thuidium involvens* [1521] (= *Thuidium involvens* ssp. *thomeanum*)
Tamariscella loricalcina Müll.Hal. Note: see under *Thuidium loricalcina*.
Tamariscella nabambissensis Müll.Hal., *comb. inval.* = *Thuidium nabambissensis* [1521] (= *Pelekium gratum*)
Tamariscella promontorii Müll.Hal. = *Thuidium promontorii* [1521] (= *Thuidium assimile*)
Taxicaulis byssiadus Müll.Hal., *nom. nud. in synon.* Excluded: an undescribed collection (*Dusén* 128) from Cameroon.
Taxicaulis compressicaule Müll.Hal., *nom. nud. in synon.* = *Taxithelium compressicaule* [1521]
Taxicaulis conangius Müll.Hal. ex Broth., *nom. nud. in synon.* = *Isopterygium conangium* [1521]
Taxicaulis erythrangius Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 763) from Cameroon.
Taxicaulis gemmigerus Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 43) from Cameroon.
Taxicaulis lepturus Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 248) from Cameroon.
Taxicaulis leucoglaucum Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 848) from Cameroon.
Taxicaulis leucopyxis Müll.Hal. ex Paris, *nom. inval. err.* = *Isopterygium leucopsis* [1521]
Taxicaulis microplumula Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 922) from Cameroon.
Taxicaulis nivescens Müll.Hal. ex Broth., *nom. nud. in synon.* = *Isopterygium nivescens* [1521]
Taxicaulis ochrangius Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 355) from Cameroon.
Taxicaulis pallido-imbricatus Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 876) from Cameroon.
Taxicaulis planosquarrosus (Broth.) Müll.Hal. ex Paris = *Mittenothamnium planosquarrosus* [1521] (= *Rhacopilopsis trinitensis*)
Taxicaulis planulus Müll.Hal. ex Grandid., *nom. nud. in synon.* = *Ectropothecium tamatavense* [1845: 453]
Taxicaulis plumirameus Müll.Hal., *nom. nud.* = *Ectropothecium plumigerum* [7533: 167]
Taxicaulis virentirameus Müll.Hal., *nom. nud.* Excluded: an undescribed collection (*Dusén* 771) from Cameroon.
- Taxiphyllum gabonense*** Broth. & P.de la Varde CAF(47), CON(47), GAB(47), IVO(1880), SIE(47), TAN(46), ZAI(65).
- Taxiphyllum gabonense*** var. *ectropothecioides* P.de la Varde CAF(47), GAB(47).
- Taxiphyllum gabonense*** var. *plagiothecioides* P.de la Varde CAF(47), GAB(47), TAN(46), ZAI(65).
- Taxiphyllum laxalare*** W.R.Buck ZAI(65).
Taxiphyllum maniae (Renauld & Paris) M.Fleisch. = *Taxiphyllum taxirameum* (7353)
- Taxiphyllum schweinfurthii*** (Müll.Hal.) W.R.Buck CAF(268,3072), SUD(3076).
- Taxiphyllum taxirameum*** (Mitt.) M.Fleisch. CGS(5699,8220), COM(40), MDG(40), UGA(7353,7981).

- Taxithelium afro-acuminatum* Paris, *nom. illeg. orthogr.* = *Taxithelium afro-acuminulatum* [1521]
Taxithelium afro-acuminatum Kindb., *nom. illeg. incl. spec. prior.* = *Taxithelium afro-acuminulatum* [1521]
- Taxithelium afro-acuminulatum*** (Müll.Hal.) Paris CMN(47).
Taxithelium andongense A.Gepp ANG(46), CAF(47).
Taxithelium argyrophyllum Renault & Cardot MDG(40).
Taxithelium callicostelloides Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén a 18*) from Cameroon.
Taxithelium chloropterum (Müll.Hal.) Renault & Cardot BIO(47).
Taxithelium compressicaule Broth. CAF(47), CMN(47), GAB(47), IVO(1880), LBR(47).
Taxithelium confusum Cardot MDG(40).
Taxithelium decolor (Besch.) Renault & Cardot = *Acanthorrhynchium decolor* [1521] (= *Acanthorrhynchium papillatum*)
Taxithelium glabratum Broth. & Geh. ZAI(8243).
Taxithelium glabriusculum Broth. CAF(47), CMN(47), GAB(47), LBR(47), SIE(47,3216), TOG(47,58).
Taxithelium glaucophyllum Besch. MDG(40).
Taxithelium glaucovirens Cardot ZAI(65).
Taxithelium guineense Broth. & Paris GUI(47), ZAI(1552).
Taxithelium hemicuspis Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 800*) from Cameroon.
Taxithelium hirtellum Paris & Renault MDG(40).
Taxithelium homalophyllum (Mitt.) Broth. NGA(47), SIE(3216).
Taxithelium instratum (Brid.) Broth. SEY(1926,2353).
Taxithelium kuliui (Müll.Hal.) Renault & Cardot CON(47).
Taxithelium laetum Renault & Cardot = *Taxithelium planulum* [1848: 470]
Taxithelium latitruncatum Cardot in Grandid. = *Phyllodon truncatulus* (6809) Note: see *Phyllodon truncatus*.
Taxithelium leptopunctatum Broth. LBR(47), SIE(3216).
Taxithelium loucoubense (Besch.) Cardot = *Acanthorrhynchium loucoubense* [2737: 1335] (= *Acanthorrhynchium papillatum*)
Taxithelium micrangium Paris, *nom. nud.* Excluded: an undescribed collection by Dusén from Cameroon.
Taxithelium nigerianum Broth. & Paris MLI(47).
Taxithelium nossianum Besch. MAU(3072), MDG(40).
Taxithelium nossibeianum Kindb., *nom. illeg. incl. spec. prior.* = *Taxithelium nossianum* [1521]
Taxithelium octodicerus Paris, *nom. illeg. incl. spec. prior.* = *Taxithelium octodiceroides* [1521] (= *Taxiphyllum schweinfurthii*)
Taxithelium octodiceroides (Müll.Hal.) A.Jaeger = *Taxiphyllum schweinfurthii* (268)
Taxithelium orthodiceroides (Müll.Hal.) A.Jaeger ex Renault & Cardot, *nom. inval.* = *Taxithelium octodiceroides* [1521] (= *Taxiphyllum schweinfurthii*)
Taxithelium ovalifolium (Besch.) Broth. = *Glossadelphus ovalifolius* [1521] (= *Ectropothecium ovalifolium*)
Taxithelium perglabrum Broth. & Paris CAF(47), GAB(47), GUI(47), RIM(4639).
Taxithelium perminutulum Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 465*) from Cameroon.
Taxithelium perminutum Broth. CMN(47).
Taxithelium perpapillosum Cardot ex Broth., *nom. nud.* Excluded: an unspecified collection from D.R. Congo.
Taxithelium perplanicaule Broth. = *Phyllodon perplanicaulis* [6809]
Taxithelium planulum Besch. COM(40), MDG(40), SEY(1926,2353).
Taxithelium planum (Brid.) Mitt. ASC(1296,5340), NGA(47), RIM(4639).
Taxithelium pobeguinii Broth. & Paris CAF(47), GAB(47), GUI(47), SIE(47), ZAI(3072).
Taxithelium pseudo-amoenum (Bél.) Renault MAU(105), REU(105).
Taxithelium ramivagum Broth. CAF(47), CMN(47), CON(47), GAB(47), GUI(47), IVO(47,1880), NGR(3072), SIE(47).
Taxithelium ramivagum* var. *elongatum P.de la Varde GAB(47).
Taxithelium raphidostegioides (Broth.) Broth. TAN(46).
Taxithelium raphidostegioides* var. *pallidum (Broth.) Kis TAN(46).
Taxithelium raphidostegioides* var. *viride (Broth.) Kis TAN(46).
Taxithelium rotundatum Broth. CAF(47), CMN(47), GAB(47), GUI(47), IVO(47,1880), LBR(47), SIE(47).
Taxithelium rotundatum* var. *minus Broth. ex Corb. CAF(47).
Taxithelium schweinfurthii (Müll.Hal.) A.Jaeger = *Taxiphyllum schweinfurthii* (268)
Taxithelium scutellifolium Besch. = *Glossadelphus scutellifolius* [1521] (= *Phyllodon scutellifolius*)
Taxithelium serratum Renault & Cardot = *Acanthorrhynchium serratum* [1521] (= *Acanthorrhynchium papillatum*)

- Taxithelium stenosekos*** (Welw. & Duby) Broth. ANG(46).
- Taxithelium suboctodicerias*** Broth. & Paris CAF(47), CON(47), GAB(47), GUI(47), MLI(47,4504), SIE(3072).
- Taxithelium subrotundatum*** Broth. & Paris CAF(47), CMN(47), CON(47), GAB(47), GUI(47), IVO(1880), TAN(46), ZAI(65,7863).
- Taxithelium theriotii* P.de la Varde = *Taxithelium ramivagum* [3821: 207]
Taxithelium truncatum (Welw. & Duby) Broth. = *Glossadelphus truncatus* (1521) (= *Phyllocladon truncatus*)
Taxithelium variegatum (Welw. & Duby) A.Jaeger = *Rhacopilopsis variegata* (4720)
- Taxithelium voeltzkowii*** Broth. MAU(105).
- Tayloria bequaertii* Thér. & Naveau = *Tayloria solitaria* (123)
Tayloria borbonica Broth., *nom. illeg. incl. spec. prior.* = *Tayloria orthodonta* [1521; 123]
Tayloria boryana Mitt., *nom. illeg. incl. spec. prior.* = *Tayloria orthodonta* [1521; 123]
Tayloria boryana var. *brevipes* Thér. = *Tayloria orthodonta* (40: 211)
Tayloria cameruniae (Dusén) Broth. = *Tayloria orthodonta* (123)
Tayloria cameruniae var. *brevipes* Thér. = *Tayloria orthodonta* (123)
Tayloria erythrodonta (Taylor) Spruce = *Streptopogon erythrodontus* [1521]
Tayloria imerinensis Cardot in Grandid. = *Tayloria thomeana* (123) (= *Brachymitrium moritzianum*)
- Tayloria immersa*** (Goffinet) Goffinet, A.J.Shaw & C.Cox CMN(4819).
- Tayloria indica*** Mitt. MAS(40), MDG(40).
- Tayloria isleana*** (Besch.) Broth. MDG(40), REU(123), SAF(1531,8328), TAN(46), ZIM(1547).
- Tayloria jamesonii* (Taylor) Müll.Hal. = *Brachymitrium jamesonii* (2730)
- Tayloria kilimandscharica*** Broth. KEN(136), RWA(65,6620), TAN(46), UGA(46), ZAI(65,5319).
- Tayloria limbata* Dixon, *hom. illeg.* Excluded: the annotation on the type (from Kenya) in BM reads: "not Splachnaceae. det. Aune Koponen 1981." No alternative identification is offered, although Dixon (16) considers Bryaceae as a possible alternative family.
- Tayloria orbispatulata* Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Brachymitrium moritzianum* (123)
Tayloria orthodon Spruce, *nom. illeg. incl. spec. prior.* = *Tayloria orthodonta* (123)
- Tayloria orthodonta*** (P.Beauv.) Wijk & Margad. BIO(8180), CMN(47), ETH(111), GUI(47), KEN(46), MDG(40,6908), MLW(67,6087), REU(123), RWA(65,6620), SAF(1531,8328), SIE(47), TAN(46), UGA(4282), ZAI(65,6620), ZIM(46,61).
- Tayloria pobeguini* Broth. & Paris = *Tayloria solitaria* (123)
Tayloria pocsii A.Kop. = *Brachymitrium pocsii* (1951)
Tayloria serrata var. *tenuis* (With.) Bruch, Schimp. & W.Gümbel = *Tayloria tenuis* (4927)
- Tayloria solitaria*** (Hedw.) T.J.Kop & W.Weber ANG(46,123), CMN(47,123), GUI(47), MDG(40,123,6908), MLW(6087), SAO(47), TAN(46,123), UGA(46,123), ZAI(65,5319).
- Tayloria subintegra* Demaret & P.de la Varde = *Tayloria kilimandscharica* (123)
- Tayloria tenuis*** (Dicks.) Schimp. KEN(46), UGA(46).
- Tayloria thomeana* (Broth.) Broth. = *Brachymitrium moritzianum* (1951)
Tetraplodon bryoides Lindb. = *Tetraplodon mnioides* [8313: 19]
- Tetraplodon mnioides*** (Hedw.) Bruch, Schimp. & W.Gümbel KEN(46), TAN(46), UGA(46), ZAI(65).
- Tetrapterum capense* Hampe ex A.Jaeger, *nom. illeg. incl. spec. prior.* = *Tetrapterum tetragonum* [1521]
- Tetrapterum tetragonum*** (Hook.) Andrews SAF(1531,8328).
- Thamniopsis cheiloneura*** (Müll.Hal. ex Broth.) W.R.Buck CMN(47).
- Thamniopsis pappeana* (Hampe) W.R.Buck = *Thamniopsis utacamundiana* (3362)
Thamniopsis rostrifolia Müll.Hal., *nom. nud.* = *Renaudia hoehnelii* [2864: 98] (= *Calyptothecium hoehnelii*)
- Thamniopsis utacamundiana*** (Mont.) W.R.Buck ANG(46), KEN(411), MAU(105), SAF(1531,7766,8328), SWZ(1531), TAN(46), UGA(46), ZAI(65).
- Thamniopsis versicolor*** (Mitt.) W.R.Buck BIO(47,2662), CMN(47), GAB(47), KEN(46), TAN(46), UGA(46), ZIM(61).
- Thamnum africanum* (Welw. & Duby) A.Jaeger = *Pinnatella africana* (1521) (= *Pinnatella minuta*)
Thamnum afrum Müll.Hal. = *Porothamnum comorense* [1911: 402] (= *Porothmanium stipitatum*)
Thamnum borbonicum Kindb. ex Syd., *nom. inval.* = *Porothamnum natalense* ssp. *borbonicum* [1521] (= *Porotrichum molliculum*)
Thamnum capense Broth. & Dixon = *Porothamnum capense* [1521] (= *Thamnobryum capense*)
Thamnum caudatum (Broth.) Kindb. = *Porotrichum caudatum* [1521]
Thamnum caudatum var. *eurydictyon* (Broth.) Kindb. = *Porotrichum eurydictyon* [1521] (= *Porotrichum quintasii*)

- Thamnum caudatum* var. *laurentii* (Renauld & Cardot) Kindb. = *Porostrichum laurentii* [1521] (= *Porostrichum elongatum*)
- Thamnum comorense* (Müll.Hal.) Kindb. = *Porostrichum comorense* [1521] (= *Porostrichum elongatum*)
- Thamnum comorense* ssp. *corticola* Kindb. = *Porostrichum comorense* ssp. *corticola* [1521] (= *Thamnobryum corticola*)
- Thamnum complanatum* Schimp. ex A.Jaeger, *nom. nud.* = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum decolorans* (Welw. & Duby) A.Jaeger = *Stereophyllum andungense* [8236: 307]
- Thamnum elongatum* (Welw. & Duby) Kindb. = *Porostrichum elongatum* [1521]
- Thamnum eurydictyon* Kindb. ex Syd. = *Porostrichum eurydictyon* [1521] (= *Porostrichum quintasii*)
- Thamnum exiguum* (Bosch & Sande Lac.) Kindb. = *Homaliodendron exiguum* [1521]
- Thamnum fluviatricum* Müll.Hal. ex Dusén = *Porostrichum stipitatum* [1911: 402; 15]
- Thamnum geheebii* (Müll.Hal.) Kindb. = *Pinnatella geheebii* [1521] (= *Pinnatella minuta*)
- Thamnum hildebrandtii* (Müll.Hal.) A.Jaeger = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum hildebrandtii* fo. *confertum* Besch. = *Porostrichum comorense* [40: 230] (= *Porostrichum elongatum*)
- Thamnum latidens* Müll.Hal. ex Kindb., *nom. nud. in synonym.* = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum laxum* ssp. *engleri* (Broth.) Kindb. = *Pinnatella engleri* [1521]
- Thamnum leptopteris* Müll.Hal. ex Dusén = *Porostrichum comorense* [2097: 181] (= *Porostrichum elongatum*)
- Thamnum leptopteris* var. *rivularis* Müll.Hal. ex Dusén = *Porostrichum stipitatum* [15: 135]
- Thamnum madagassum* (Besch.) Kindb. = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum madagassum* ssp. *chauvetii* (Renauld & Cardot) Kindb. = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum malgachum* Cardot = *Thamnobryum malgachum* (1663)
- Thamnum minutum* Broth. & Paris = *Porostrichum minutum* [1521] (= *Porostrichum caudatum*)
- Thamnum moenkemeyeri* (Müll.Hal.) Kindb. = *Porostrichum stipitatum* [15: 135]
- Thamnum molleri* (Müll.Hal.) Kindb. = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum molliculum* (Broth.) Kindb. = *Porostrichum molliculum* [15: 117]
- Thamnum natalense* (Müll.Hal.) Kindb. = *Porostrichum natalense* [1521] (= *Porostrichum usagarum*)
- Thamnum natalense* ssp. *borbonicum* Kindb. = *Porostrichum natalense* ssp. *borbonicum* [1521] (= *Porostrichum usagarum*)
- Thamnum natalense* ssp. *subanisopleuron* Kindb. Excluded: a doubtful taxon [15: 148] that doesn't seem to have been referred to since its publication.
- Thamnum pechuelii* (Müll.Hal.) Kindb. = *Pinnatella pechuelii* [1521] (= *Pinnatella minuta*)
- Thamnum pennaeforme* Kindb. = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum pennaeforme* var. *brachyphyllum* Dixon = *Porostrichum usagarum* (1519: 597)
- Thamnum pennaefrondeum* (Müll.Hal.) Kindb. = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum planissimum* Müll.Hal. ex Dusén = *Porostrichum comorense* var. *planissimum* [1521] (= *Porostrichum stipitatum*)
- Thamnum pobeguini* Paris & Broth. = *Porostrichum pobeguini* [1521] (= *Porostrichum elongatum*)
- Thamnum profusum* Müll.Hal. ex Dusén, *nom. nud. in synonym.* = *Porostrichum comorense* [2097: 181] (= *Porostrichum elongatum*)
- Thamnum punctulatum* (Dusén) Kindb. = *Porostrichum punctulatum* [1521] (= *Porostrichum caudatum*)
- Thamnum rodriguezii* Müll.Hal., *nom. nud.* = *Porostrichum comorense* [1911: 402] (= *Porostrichum elongatum*)
- Thamnum rotundifrondeum* (Müll.Hal.) Kindb. = *Pinnatella rotundifrondea* [1521] (= *Pinnatella minuta*)
- Thamnum ruficaule* (Müll.Hal.) Kindb. = *Porostrichum ruficaule* [1521] (= *Porostrichum madagassum*)
- Thamnum scariosum* Broth. = *Porostrichum scariosum* [1521] (= *Porostrichum stipitatum*)
- Thamnum serpenticale* Müll.Hal. ex Dusén = *Porostrichum stipitatum* [15: 135]
- Thamnum stipitatum* (Mitt.) Broth. ex Paris = *Porostrichum stipitatum* [15: 134]
- Thamnum subpennaeforme* (Müll.Hal.) Kindb. Excluded: a doubtful taxon [15: 148] that doesn't seem to have been referred to since its publication.
- Thamnum suspectum* Müll.Hal. ex Dusén = *Porostrichum comorense* [1911: 402] (= *Porostrichum stipitatum*)
- Thamnum tamariscinum* (Hampe) Kindb. = *Pinnatella tamariscina* [1521] (= *Homaliodendron piniforme*)
- Thamnum tamariscinum* var. *braunii* (Broth.) Kindb. = *Pinnatella braunii* [1521] (= *Homaliodendron piniforme*)
- Thamnum tamariscinum* var. *chalaropteris* (Dusén) Kindb. = *Pinnatella chalaropteris* [1521] (= *Homaliodendron piniforme*)
- Thamnum toccoe* (Sull. & Lesq.) Kindb. = *Herpetineuron toccoe* [1521]
- Thamnum variifolium* (Welw. & Duby) A.Gepp in Hiern = *Porostrichum comorense* [1911: 402] (= *Porostrichum stipitatum*)

Thamnobryum capense (Broth. & Dixon) Enroth SAF(781).

Thamnobryum corticola (Kindb.) De Sloover BIO(15), SAO(15).

Thamnobryum malgachum (Cardot) O'Shea MDG(40).

Thuidiopsis sparsa (Hook.f. & Wilson) Broth. COM(6647).

Thuidium abyssinicum Besch. ex Paris, *nom. illeg. incl. spec. prior.* = *Haplocladium jacquemontii* [1521]

Thuidium aculeoserratum Renauld & Cardot MDG(32,40), REU(32).

Thuidium afrocapillatum Broth. = *Haplocladium angustifolium* [5268: 267]

Thuidium amplexicaule Müll.Hal. = *Haplocladium angustifolium* [1911: 384; 32: 190]

- Thuidium angolense* Welw. & Duby in Duby = *Thuidium ramusculosum* (32: 181) (= *Pelekium ramusculosum*)
Thuidium angustifolium (Hampe & Müll.Hal.) A.Jaeger = *Haplocladium angustifolium* [1521; 32: 190]
Thuidium annobonense Broth. in Mildbr., *nom. nud.* = *Thuidium gratum* (32: 156) (= *Pelekium gratum*). Note: the only collection is cited by Touw (32: 156), although the name is omitted from the paper's list of synonyms.
- Thuidium assimile*** (Mitt.) A.Jaeger COM(32,40), KEN(46,3412,4112,5315), LES(32,1531,4897), MDG(32,40), MLW(6087), REU(32,287), SAF(32,1531,3411,4897,7766,8328), TAN(46), UGA(46), ZIM(61).
Thuidium borbonicum Besch. = *Thuidium versicolor* (32: 163) (= *Pelekium versicolor*)
Thuidium byssoideum Besch. = *Pelekium investe* (6489: 203)
Thuidium caudicaule Müll.Hal. ex Renaud & Cardot in Thér. = *Thuidium matarumense* (32: 145) (= *Thuidium assimile*)
Thuidium chenagonii fo. *laxifolia* Cardot in Renaud & Cardot in Grandid. = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium chenagonii Müll.Hal. ex Renaud & Cardot = *Pelekium chenagonii* (6489: 203)
Thuidium chenagonii var. *campyloneuron* Renaud & Paris in Paris = *Thuidium chenagonii* (32: 179) (= *Pelekium chenagonii*)
Thuidium chloropsis (Müll.Hal.) Paris = *Thuidium gratum* (32: 155) (= *Pelekium gratum*)
Thuidium chloropus Müll.Hal. ex Kindb., *nom. inval. err.* = *Thuidium chloropsis* [1521] (= *Pelekium gratum*)
Thuidium cooperi Mitt. ex Sim, *nom. nud., ex parte* = *Thuidium versicolor* (32: 163) (= *Pelekium versicolor*)
Thuidium djuriense (Müll.Hal.) A.Jaeger. Excluded: no material of this taxon described from Sudan was found by Touw [32: 189], but judging from the description he thought it was near *Thuidium versicolor* (= *Pelekium versicolor*)
Thuidium ferricola (Müll.Hal.) A.Jaeger = *Thuidium gratum* (32: 155) (= *Pelekium gratum*)
Thuidium filiferum A.Gepp, *nom. nud.* Note: this is probably *Pinnatella dupuisii* (32: 190) (= *Pinnatella minuta*)
Thuidium filiforme Welw. & Duby in Duby. Note: this is probably *Pinnatella dupuisii* (32: 190) (= *Pinnatella minuta*)
Thuidium fuciforme (Brid.) Besch. = *Pinnatella fuciforme* (32: 190) (= *Leptodon fuciformis*)
Thuidium gratum (P.Beauv.) A.Jaeger = *Pelekium gratum* (6489: 203)
Thuidium gratum ssp. *gratum* (P.Beauv.) Touw = *Pelekium gratum* (6647: 107)
Thuidium gratum ssp. *subscissum* (Müll.Hal. ex Besch.) Touw = *Pelekium gratum* (6647: 107)
Thuidium integricalyx Müll.Hal. ex Renaud, *nom. nud.* = *Thuidium chenagonii* [4250: 1278; 32: 177] (= *Pelekium chenagonii*)
Thuidium intricatum A.Jaeger = *Pelekium intricatum* (6489: 203)
Thuidium involvens ssp. *involvens* (Hedw.) Mitt. Excluded: this is an American taxon (now *Pelekium involvens*) and all African collections given this name are *Thuidium involvens* ssp. *thomeanum* [32: 174]
- Thuidium involvens* ssp. *thomeanum*** (Broth.) Touw ANG(46), CAF(32,355), CMN(32), CON(32), GAB(32), GHA(32), IVO(32), NGA(32), RIM(4639), SAO(32), TOG(58,1878,2851), ZAI(32,5319).
Thuidium involvens ssp. *thomeanum* (Broth.) Touw. Note: this taxon was not considered by Touw (6489), but presumably should, like the species, belong to *Pelekium*.
Thuidium jacquemontii (Müll.Hal.) A.Jaeger = *Haplocladium jacquemontii* [1521; 32: 190]
Thuidium kiaerii Müll.Hal. ex A.Jaeger, *nom. nud.* = *Hypnum aduncoides* (32: 190) (= *Hypnum macrogynum*)
Thuidium konkourae fo. *minor* Tosco & Piovano, *ex parte, exclud. lectotype* = *Thuidium versicolor* (32: 163) (= *Pelekium versicolor*)
Thuidium konkourae fo. *minor* Tosco & Piovano, *ex parte, exclud. syntypes* = *Thuidium ramusculosum* (32: 183) (= *Pelekium ramusculosum*)
Thuidium konkourae Paris & Broth. = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium laevipes Mitt. = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium loralycinum (Müll.Hal.) Kindb. Note: the type of this taxon was not seen by Touw (32: 189), but he thought from the diagnosis that it might be conspecific with *Thuidium aculeoserratum*. However, all the subsequent collections given this name belong to *Thuidium matarumense* (= *Thuidium assimile*) and have been transferred there in this checklist.
Thuidium mascarenicum A.Jaeger = *Thuidium tamariscinum* (32: 149)
Thuidium matarumense Besch. = *Thuidium assimile* (6647: 11)
Thuidium micropteris Müll.Hal. ex Paris, *nom. nud.* = *Thuidium gratum* [5063: 39] (= *Pelekium gratum*)
Thuidium minusculum (Mitt.) A.Jaeger = *Pelekium minusculum* (6489: 204)
Thuidium nabambissense (Müll.Hal.) A.Jaeger = *Thuidium gratum* (32: 155) (= *Pelekium gratum*)
Thuidium natalense Sim, *nom. nud. in synon.* = *Rhynchostegiella zeyheri* [1911: 376; 32: 190]
Thuidium nigerianum (Mitt.) Paris = *Thuidium involvens* var. *thomeanum* (32: 169)
Thuidium pallidisetum Dixon = *Thuidium chenagonii* (32: 179) (= *Pelekium chenagonii*)
Thuidium perbyssaceum Müll.Hal. ex Broth. *ex parte* = *Thuidium tenuissimum* [2849: 108; 32: 151] (= *Pelekium investe*)
Thuidium perintricatum (Müll.Hal. ex Paris) Paris, *nom. nud.* = *Pseudoleskea dispersa* (32: 190) (= *Hylocomiopsis cylindricarpa*)
Thuidium perscissum (Müll.Hal.) A.Jaeger Excluded: all specimens given this name have proved to be other taxa. It is probably a synonym of *Thuidium chenagonii* (= *Pelekium chenagonii*), but the diagnosis gives insufficient information to confirm this (32: 190).
Thuidium petradelphus Müll.Hal. ex Büttner, *nom. nud.* = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium pinnatulum Rehmann ex Geh. *nom. nud.* = *Haplocladium angustifolium* [1911: 384; 32: 190]
Thuidium promontorii (Müll.Hal.) Paris = *Thuidium matarumense* (32: 145) (= *Thuidium assimile*)

Thuidium pseudoinvolvens (Müll.Hal.) A.Jaeger COM(32,40), MAU(32), MDG(32,40), TAN(46).

- Thuidium pycnangium* Müll.Hal. ex Broth. = *Thuidium chenagonii* (32: 177) (= *Pelekium chenagonii*)
Thuidium ramusculosum (Mitt.) A.Jaeger = *Pelekium ramusculosum* (6489: 204)
Thuidium rehmanni Sauerb. ex A.Jaeger, *nom. nud.* = *Haplocladium angustifolium* [1911: 384]
Thuidium sigmatella (Müll.Hal.) A.Jaeger = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium splendens (Hedw.) Brockm. = *Hylocomium splendens* [1521]
Thuidium spurio-involvens Broth. and Paris = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium strangulatum P.de la Varde = *Thuidium tenuissimum* (32: 151) (= *Pelekium investe*)
Thuidium struthiopteris Müll.Hal. ex Kindb., *nom. nud.* = *Thuidium aculeoserratum* (32: 149)
Thuidium subfalcatum (Mitt.) Paris = *Thuidium involvens* var. *thomeanum* (32: 169)
Thuidium sublaevipes Dixon = *Thuidium ramusculosum* (32: 183) (= *Pelekium ramusculosum*)
Thuidium subperscissum Müll.Hal., *nom. nud.* = *Thuidium pseudoinvolvens* (32: 159)
Thuidium subpetradelphus Broth. ex Lindau, *nom. nud.* = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium subscissum Müll.Hal. ex Besch., *nom. nud.* = *Thuidium gratum* var. *subscissum* (32: 158) (= *Pelekium gratum*)
Thuidium subseriatum Renauld & Cardot = *Thuidium matarumense* (32: 145) (= *Thuidium assimile*)
Thuidium tamariscellum (Müll.Hal.) Bosch & Sande Lac. = *Pelekium versicolor* (6647: 74)

Thuidium tamariscinum (Hedw.) Bruch, Schimp. & W.Gümbel ETH(1927), REU(32,287), TAN(46), UGA(5696).

- Thuidium tenellum* Schimp. ex A.Jaeger, *nom. nud.* = *Thuidium versicolor* (32: 163) (= *Pelekium versicolor*)
Thuidium tenuisetum Welw. & Duby = *Thuidium varians* (32: 174) (= *Pelekium varians*)
Thuidium tenuissimum Welw. & Duby in Duby = *Pelekium investe* (6647: 100)
Thuidium thamnopsis Rehmann ex Sim = *Rigodium kilimandscharicum* (32: 190) (= *Rigodium toxarion*)
Thuidium thomeanum Broth., *nom. nud. in synon.* = *Thuidium involvens* var. *thomeanum* [1521]
Thuidium torrentium Müll.Hal. = *Thuidium versicolor* (32: 163) (= *Pelekium versicolor*)
Thuidium trachynotum Renauld & Paris = *Thuidium ramusculosum* (32: 181) (= *Pelekium ramusculosum*)
Thuidium transvaaliense (Müll.Hal.) Paris = *Haplocladium angustifolium* (32: 190)
Thuidium ulugurensis Broth., *nom. nud.* = *Thuidium tamariscinum* (32: 149)
Thuidium varians Welw. & Duby = *Pelekium varians* (6489: 205)
Thuidium venustum Besch. Excluded: the record of this taxon (TAN(46)) is doubtful (Touw, pers. comm.).
Thuidium versicolor (Müll.Hal.) A.Jaeger = *Pelekium versicolor* (6489: 205)
Thyridium africanum Mitt. = *Syrhropodon africanus* var. *africanus* [1909: 143]
Thyridium chenagonii (Renauld & Cardot) Kindb. = *Serpotortella chenagonii* [1474: 234]
Thyridium cyrtophyllum (Besch.) Broth. = *Serpotortella cyrtophyllum* [1474: 232]
Thyridium guineense (Broth. & Paris) W.Schultze-Motel = *Syrhropodon africanum* var. *africanum* (1909)
Thyridium letestui Thér. & P.de la Varde = *Mitthyridium letestui* (80) (= *Mitthyridium undulatum*)
Thyridium letestui var. *scalariforme* Demaret & V.Leroy = *Mitthyridium flavum* [1473: 207]
Thyridium micro-undulatum (Dixon) E.B.Bartram = *Mitthyridium undulatum* [3432: 434]
Thyridium revolutum (Dozy & Molck.) Kindb. = *Syrhropodon revolutus* [1521]
Thyridium subflavum (Renauld & Cardot) Broth. = *Mitthyridium subflavum* [3432: 433]
Thysanomitrium - see *Campylopus*
Thysanomitrium amplirete (Müll.Hal.) Broth. = *Campylopus lepidophyllum* [1911: 171] (= *Campylopus introflexus*)
Thysanomitrium atosordidum (Broth.) Broth. = *Campylopus atosordidus* [1521] (= *Campylopus pilifer*)
Thysanomitrium brevisetum (Brid.) Arnott = *Leucoloma bifidum* [77: 751]
Thysanomitrium capillaceum (Brid.) Arnott. Excluded: no specimens found [44: 195]
Thysanomitrium chevalieri (Broth. & Thér.) Broth. = *Campylopus chevalieri* [1521]
Thysanomitrium consociatum (Thér.) Broth. = *Campylopus consociatus* [1521] (= *Campylopus flaccidus*)
Thysanomitrium crateris (Besch.) Broth. = *Campylopus crateris* [1521]
Thysanomitrium delagoae (Müll.Hal.) Broth. = *Campylopus stenopelma* [1911: 174] (= *Campylopus thwaitesii*)
Thysanomitrium filiforme (P.Beauv.) Arnott = *Aongstroemia filiformis* [1521]
Thysanomitrium flaccidum (Renauld & Cardot) Cardot in Grandid. = *Campylopus flaccidus* [1521]
Thysanomitrium flexuosum (Hedw.) Arnott = *Campylopus flexuosus* [1521]
Thysanomitrium fuscolutescens (Renauld & Cardot) Broth. = *Campylopus fuscolutescens* [1521] (= *Campylopus thwaitesii*)
Thysanomitrium inandae (Müll.Hal.) Broth. = *Campylopus purpurascens* [1911: 176] (= *Campylopus pilifer*)
Thysanomitrium nivalis (Brid.) Arnott = *Campylopus nivalis* var. *nivalis* [1521]
Thysanomitrium olivaceonigricans (Müll.Hal.) Broth. = *Campylopus flaccidus* [54: 71]
Thysanomitrium orzeskoanum (Renauld & Cardot) Cardot in Grandid. = *Campylopus crateris* [54: 60]
Thysanomitrium transvaaliense Herzog & Dixon ex Sim = *Campylopus ampliretis* (82: 140) (= *Campylopus flaccidus*)

Timmiella anomala (Bruch, Schimp. & W.Gümbel) Limpr. KEN(411), TAN(46).

Timmiella barbula Limpr., *nom. illeg. incl. spec. prior.* = *Timmiella barbuloidea* [1521; 1420]

Timmiella barbuloidea (Brid.) Moenk. CHA(4508,4534,4565), CVI(1296,2666,6453), DJI(1569), ERI(50), ETH(6137), SUD(207).

Timmiella brevidens Dixon UGA(46).

Timmiella cameruniae Broth. CMN(47), TAN(46).

- Timmiella pelindaba*** Magill LES(1531), SAF(1531,4418,8328), ZIM(61).
- Tisserantiella pulchella*** (Thér. & Hilp.) R.H.Zander CMN(47), ZAI(3058).
Tisserantiella spathulata P.de la Varde = *Tisserantiella pulchella* (1420)
Tortella afrocaespitosa (Müll.Hal.) Broth. = *Tortella humilis* [1912: 251; 82: 256]
- Tortella aprica*** (Müll.Hal.) Broth. SUD(3076).
Tortella beccarii (Venturi) Paris = *Pleurochaete squarrosa* var. *squarrosa* (1420)
Tortella brachydontia (Bruch) C.E.O.Jensen = *Trichostomum brachydontium* (1521)
Tortella caespitosa (Schwägr.) Limpr. = *Tortella humilis* [1912: 251; 82: 256]
Tortella caespitosa var. *angustifolia* Paris, nom. nud. = *Tortella humilis* [6568: 220; 82: 256]
Tortella calycina (Schwägr.) Dixon = *Barbula calycina* (82: 240)
Tortella corticola (Renauld & Cardot) Broth. = *Trichostomum soulae* [1420]
Tortella crispula (Bruch) C.E.O.Jensen = *Trichostomum crispulum* var. *crispulum* [1521]
Tortella cylindrica (Brid.) Loeske = *Oxystegus cylindricus* [1521] (= *Trichostomum tenuirostre*)
- Tortella eckendorffii*** (P.de la Varde) R.H.Zander CAF(47).
Tortella eutrichostoma (Müll.Hal.) Broth. = *Tortella humilis* (82: 256)
- Tortella fragilis*** (Hook.f. & Wilson) Limpr. LES(1531,4897), RWA(65), SAF(1531,8328), ZAI(65).
- Tortella fragillima*** P.de la Varde TAN(46).
- Tortella humilis*** (Hedw.) Jenn. DJI(1569), ETH(111), KEN(46), LES(1531), MAU(1637), MDG(40), MOZ(46), REU(4928), SAF(1531,4897,7766,8328), SOC(40,2374,5613), STH(1296,4202,5331), SWZ(1531), TAN(46), UGA(46), ZAI(65,5319), ZIM(46).
- Tortella involutifolia*** Dixon ZAI(4229).
Tortella malacophylla Müll.Hal. = *Pleurochaete malacophylla* (1521)
Tortella natalensicaespitosa (Müll.Hal.) Broth. = *Tortella humilis* (82: 256)
- Tortella nitida*** (Lindb.) Broth. CVI(2666,6453), SOC(5040,5613), SUD(207).
Tortella obtusifolia Dixon = *Barbula umtaliensis* (53: 25)
Tortella opaca Dixon = *Weissia opaca* (53: 25)
Tortella opacifolia Dixon ex Sim, nom. nud. in synonym. = *Tortella opaca* [1911: 240] (= *Weissia opaca*)
Tortella petrieana Sim = *Tortella humilis* [1912: 251; 82: 256]
Tortella rufiseta (Müll.Hal.) Broth. = *Tortella xanthocarpa* (82: 255)
Tortella ruvenzorensis Broth. = *Trichostomum ruvenzorense* (1521)
- Tortella smithii*** C.C.Towns. SOC(40,1626,2374,5613).
- Tortella somaliae*** (Müll.Hal.) R.H.Zander SOM(50).
Tortella squarrosa (Brid.) Limpr. = *Pleurochaete squarrosa* var. *squarrosa* (1521)
Tortella syrrhobodontooides Dixon = *Chionoloma bombayense* [7961: 36]
Tortella theriotii Broth. & P.de la Varde = *Tortella humilis* (1420)
Tortella theriotii var. *angustata* Dixon & P.de la Varde = *Tortella humilis* (1420)
Tortella torquescens (Schimp.) Broth. = *Tortula pilifera* [6557: 234] (= *Pseudocrossidium crinitum*)
Tortella tortuloides (Sull. & Lesq.) Broth. = *Tortella xanthocarpa* (82: 255)
- Tortella tortuosa*** (Hedw.) Limpr. MLW(67).
Tortella tortuosa (Hedw.) Limpr. Note: Sollman (pers. comm.) believes that this taxon is unlikely in Africa, but has yet to examine the collection.
- Tortella vernicosa*** (Renauld & Cardot) Broth. REU(105).
Tortella viridula C.E.O.Jensen, nom. illeg. incl. spec. prior. = *Weissia controversa* var. *controversa* [1521]
- Tortella xanthocarpa*** (Müll.Hal.) Broth. KEN(2661), LES(1531,4897), NAM(1531,7155), SAF(1531,3411,4897,7766,8328), SWZ(1531), ZIM(61).
- Tortula abyssinica*** De Not. ETH(50).
Tortula afrorwalis (Müll.Hal.) Broth. = *Tortula ruralis* [4800: 180; 82: 219] (= *Syntrichia ruralis*)
Tortula alpestris Dixon = *Syntrichia alpestris* (1420)
Tortula ammonisiana H.A.Crum & L.E.Anderson = *Syntrichia ammonisiana* (1420)
Tortula amphidiacea (Müll.Hal.) Broth. = *Syntrichia amphidiacea* [1420]
- Tortula atrovirens*** (Sm.) Lindb. CHA(4507), CVI(2666,6453), ERI(50), KEN(411,2661), LES(1531,4897), NAM(1531,7155,8024), SAF(1531).
Tortula atrovirens var. *edentula* (Bruch, Schimp. & W.Gümbel) Schimp. = *Tortula atrovirens* (6531)
Tortula australasiae Hook. & Grev. = *Trichostomopsis australasiae* (82: 232) (= *Didymodon australasiae*)
Tortula barbulooides (Brid.) Mitt. ex Godm. = *Timmiella barbulooides* [1521]
Tortula bifrons De Not. = *Aloina bifrons* (82: 193)
- Tortula bogosica*** (Müll.Hal.) R.H.Zander CVI(2666), ERI(50), ETH(1865,1927), KEN(46), SAF(411,1531,8328), SUD(1419,1707).
Tortula brachyaichme (Müll.Hal.) Broth. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)
Tortula brevimumcronata (Müll.Hal.) Broth. = *Syntrichia fragilis* [1912: 252; 1420]

- Tortula brevitubulosa* Broth. = *Tortula schmidii* (82: 215) (= *Syntrichia fragilis*)
Tortula caespitosa (Schwäger.) Hook. & Grev. = *Tortella humilis* [1912: 252]
- Tortula canescens* Mont. CVI(6453).**
- Tortula cardotii* Thér. & Naveau in Naveau ZAI(5967).**
Tortula cavallii Negri = *Syntrichia cavallii* (1420)
Tortula chisosa Magill, Delgad. & L.R.Stark = *Syntrichia chisosa* (1420)
- Tortula cochlearifolia* P.de la Varde TAN(46).**
Tortula crispula (Bruch.) Mitt. in Mell. = *Trichostomum crispulum* [1521]
- Tortula cuneifolia* (Dicks.) Turner CVI(2666).**
- Tortula cuspidatissima* (Müll.Hal.) Broth. ASC(1296,5340).**
Tortula cylindrica (Brid.) Mitt. = *Oxystegus cylindricus* [1521] (= *Trichostomum tenuirostre*)
Tortula deserta (Müll.Hal.) Broth. = *Henediella longipedunculata* (1420)
Tortula erubescens (Mitt.) Mitt. = *Bryoerythrophyllum recurvirostrum* var. *recuvirostrum* [8107: 125]
Tortula erubescens (Müll.Hal.) Broth., *hom. illeg.* = *Tortula fragilis* [65] (= *Syntrichia fragilis*)
Tortula erythronera (Müll.Hal.) Broth. = *Tortula ruralis* [1911: 227; 82: 219] (= *Syntrichia ruralis*)
Tortula eubryum (Müll.Hal.) Broth. = *Barbula eubryum* (1420)
Tortula exesa (Müll.Hal.) Broth. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)
Tortula flexuosa Hook., *hom. illeg.* (non Brid.) = *Barbula calycina* (82: 240)
Tortula fragilis Taylor = *Syntrichia fragilis* (1420)
Tortula fusco-mucronata (Müll.Hal.) Broth. = *Pseudocrossidium replicatum* (1419)
Tortula hildebrandtii (Müll.Hal.) Broth. = *Syntrichia fragilis* (1420)
Tortula hildebrandtii var. *papillosa* (Broth.) Wijk & Margad. Excluded: the owning species has been made a synonym of *Syntrichia fragilis*, but this variety has not been dealt with.
Tortula humilis (Hedw.) Turn. = *Tortella humilis* [1521]
Tortula hyalinoblasta Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed collection from Eritrea [1686: 155; 50: 226].
Tortula hystricosa Dixon ex Sim, *nom. nud. in synon.* = *Tortula papillosa* [1911: 226] (= *Syntrichia papillosa*)
Tortula incerta (Mitt.) Broth. = *Trichostomum incertum* (1420)
Tortula indica Hook. = *Barbula indica* (82: 243)
Tortula inserta Broth., *err.* = *Tortula incerta* [1521] (= *Trichostomum incertum*)
Tortula irregularis Sim = *Syntrichia fragilis* (1420)
Tortula kerensis Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed collection from Eritrea [1686: 155; 50: 226].
Tortula khartoumensis Pettet = *Tortula bogosica* (1420)
Tortula laevipila var. *laevipila* (Brid.) Schwäger. = *Syntrichia laevipila* var. *laevipila* (1420)
Tortula laevipila var. *wachterii* Barkm. = *Syntrichia laevipila* var. *laevipila* [8086]
Tortula laxiretis Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed collection from Eritrea [1686: 155; 50: 226].
Tortula leikipiae (Müll.Hal.) Broth. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)
- Tortula leiostomoides* P.de la Varde UGA(46).**
Tortula le-testui P.de la Varde ex Wijk, Margad. & Florsch., *err.* = *Trematodon le-testui* [1521]
- Tortula leucochlora* Müll.Hal. ASC(1296,5334,5340).**
Tortula leucostega (Müll.Hal.) Broth. = *Tortula princeps* (82: 219) (= *Syntrichia princeps*)
Tortula limbata Mitt. = *Henediella limbata* (1420)
Tortula longipedunculata (Müll.Hal.) Broth. = *Henediella longipedunculata* (1420)
Tortula longirostris (Müll.Hal.) Broth., *hom. illeg.* = *Barbula longirostris* (1420) (= *Henediella limbata*)
Tortula lurida (Hornsch.) Mitt. = *Didymodon trifarius* [8151: 549]
Tortula lusitanica Brid. = *Timmiella barbuloidea* [3491: 493]
Tortula macowaniana (Müll.Hal.) Broth. = *Tortula hildebrandtii* [1911: 227] (= *Syntrichia fragilis*)
- Tortula madagassa* Dixon MDG(40).**
- Tortula marginata* ssp. *limbata* (Lindb.) Podp. CVI(2666,6453).**
Tortula meruensis (Müll.Hal.) Broth. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)
Tortula meruensis var. *papillosa* Broth. = *Tortula hildebrandtii* var. *papillosa* [1521]. Excluded: see note under this taxon.
Tortula microtricha Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed collection from Eritrea [1686: 155; 50: 226].
- Tortula minor* (Müll.Hal.) R.H.Zander ERI(50).**
- Tortula minor* var. *elator* (Müll.Hal.) R.H.Zander ERI(50).**
Tortula mollis (Broth. & Schimp.) Broth. = *Syntrichia mollis* (1420)
Tortula muelleri Hook.f. & Wilson, *nom. illeg.* = *Tortula princeps* (82: 219) (= *Syntrichia princeps*)
Tortula muralis var. *brevipedunculatus* Sim. Note: all South African *Tortula muralis* is referred to the type variety.
Tortula muralis var. *incana* (Bruch. & Schimp.) Limpr. = *Tortula muralis* [8258: 14]
- Tortula muralis* var. *madagascariensis* Thér. MDG(40).**
- Tortula muralis* var. *muralis* Hedw. ETH(6137), NAM(1531,7155,8024), SAF(1531,1882,7766,8328), ZAI(5319).**

Tortula muralis* var. *obcordata* (Schimp.) Moenk. ZAI(65).Tortula mutica* Mitt., *hom. illeg.* = *Trichostomum muticum* [1521]*Tortula nana* (Müll.Hal.) Broth. = *Barbula nana* (1521) (= *Trichostomum brachydontium*)***Tortula omissa* Thér. MDG(40).***Tortula oranica* (Müll.Hal.) Broth. = *Tortula hildebrandtii* [4872: 14] (= *Syntrichia fragilis*)*Tortula pagorum* (Milde) De Not. = *Syntrichia pagorum* (1420)*Tortula papillosa* Wilson ex Spruce = *Syntrichia papillosa* (1420)*Tortula parvula* Hook. & Grev. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)*Tortula pectorquata* Broth. ex Micheletti, *nom. nud.* Excluded: an undescribed collection from Eritrea [1686: 155; 50: 226].*Tortula pierrotii* Bizot = *Bryoerythrophyllum inaequalifolium* (2666)*Tortula pilifera* Hook. = *Pseudocrossidium crinitum* (1420)*Tortula pilifera* var. *longifolia* Sim. = *Barbula crinita* [82: 237] (= *Pseudocrossidium crinitum*)*Tortula porphyreoneura* (Müll.Hal.) C.C.Towns. = *Pseudocrossidium porphyreoneurum* (1420)*Tortula pretoriensis* Sim, *nom. nud. in synon.* = *Semibarbula stuhlmannii* [1911: 237] (= *Barbula indica*)*Tortula princeps* De Not. = *Syntrichia princeps* (1420)*Tortula recurvata* Hook. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)*Tortula recurvata* var. *aristatula* Paris, *nom. nud.* = *Desmatodon convolutus* [1911: 233] (= *Tortula atrovirens*)*Tortula rehmannii* (Müll.Hal.) Sim = *Barbula rehmannii* (82) (= *Barbula indica*)*Tortula reticularia* (Müll.Hal.) Broth. = *Tortula papillosa* (53: 25) (= *Syntrichia papillosa*)*Tortula revoluta* (Brid.) Schrad. = *Barbula revoluta* [1521]*Tortula revoluta* var. *hornschuchiana* (Schultz) De Not. = *Barbula hornschuchiana* [1521] (= *Pseudocrossidium hornschuchianum*)*Tortula rhizophylla* (Sak.) Z.Iwats. & K.Saito = *Phascum leptophyllum* (68) (= *Chenia leptophylla*)*Tortula rigida* (Hedw.) Schrad. ex Turn. = *Aloina rigida* [1521]***Tortula rufa* (Besch.) Broth., *hom. illeg.* MAU(105).***Tortula ruralis* ssp. *ruralis* (Hedw.) Gaertn. = *Syntrichia ruralis* var. *ruralis* (1420)***Tortula sabinae* C.C.Towns. SUD(1419).***Tortula schmidii* (Müll.Hal.) Broth. = *Syntrichia fragilis* (1420)***Tortula solmsii* (Schimp.) Limpr. CVI(2666,5762,6453).***Tortula solmsii* var. *minor* G.Roth = *Tortula solmsii* (2666)***Tortula splachnoides* (Horns.) R.H.Zander SAF(1531,8328).***Tortula squarrosa* (Brid.) De Not. = *Pleurochaete squarrosa* [1521]*Tortula subaristata* (Broth. & Schimp.) Broth. = *Syntrichia subaristata* (1420)*Tortula subaristata* fo. *robusta* Dixon ex Herzog. Excluded: any records for this form have been associated with *Syntrichia subaristata*, to which name the owning species has transferred.*Tortula subcaroliniana* Bizot = *Tortula amphidiacea* [2666] (= *Syntrichia amphidiacea*)***Tortula subrufa* Cardot MDG(40).***Tortula subspathulata* (Müll.Hal.) Broth. = *Syntrichia fragilis* (1621)*Tortula subtorquatifolia* Dixon = *Tortula atrovirens* (1420)***Tortula subulata* var. *subulata* Hedw. CHA(4507).***Tortula tanganyikae* Dixon = *Syntrichia amphidaceus* (1420)*Tortula torquatifolia* (Geh.) Dixon = *Pseudocrossidium porphyreoneurum* (1420)***Tortula toutonii* Bizot ETH(1886).***Tortula trachyneura* Dixon = *Tortula ruralis* (82: 219) (= *Syntrichia ruralis*)*Tortula verticillata* (Brid.) Mitt. = *Eucladium verticillatum* [1521]*Trachycarpidium novae-valesiae* Broth. ex Roth = *Bryobartramia novae-valesiae* (82: 269)***Trachycarpidium tisserantii* Dixon & P.de la Varde CAF(47), NGA(334,5148), UGA(46).***Trachyloma stipitatum* Mitt. = *Porothamnium stipitatum* (1519: 595)*Trachymitrium revolutum* (Dozy & Molk.) Hampe = *Syrrhopodon revolutus* [1521] (= *Syrrhopodon involutus*)***Trachyphyllum borgenii* (Renauld & Cardot) Broth. MDG(12,40,4764).***Trachyphyllum curvifolium* (Mitt.) A.Gepp = *Trachyphyllum inflexum* (12)*Trachyphyllum dilatatum* (Renauld) Renauld = *Trachyphyllum inflexum* (12)***Trachyphyllum dusenii* (Broth.) Broth. BIO(2662), CAF(12,47), CMN(12,47),**

GHA(12,4764), GUI(12,1458), IVO(1880), MLI(12), MLW(4764), MOZ(357),

NGA(12,334,4764,5176), NGR(12), SAF(7766,8328), SEN(12), SIE(12,3216),

TOG(1878), ZAI(12,65), ZAM(12,46,62), ZIM(61).

Trachyphyllum fabronioides (Besch.) A.Gepp in Hiern = *Trachyphyllum inflexum* (12)*Trachyphyllum fabronioides* fo. *comorense* Besch. = *Trachyphyllum inflexum* (12)*Trachyphyllum fabronioides* var. *comorense* Broth. ex Voeltzk. = *Trachyphyllum inflexum* (12)*Trachyphyllum fabronioides* var. *ferriezii* (Marie) Thér. = *Trachyphyllum inflexum* [2737: 1143]*Trachyphyllum fabronioides* var. *imbricatum* (Renauld & Paris) Cardot = *Trachyphyllum inflexum*. Note! this is not included as a synonym by Buck (12), but in his discussion of *Trachyphyllum inflexum* (12: 382), it is clear that this variety should be included here.

- Trachyphyllum ferricola* (Müll.Hal.) A.Gepp in Hiern = *Trachyphyllum inflexum* [715: 131]
Trachyphyllum ferriezii (Marie) A.Gepp in Hiern = *Trachyphyllum inflexum* [2737: 1143; 715: 131]
Trachyphyllum ferriezii var. *abbreviatum* (Renauld & Cardot) Renauld & Cardot = *Trachyphyllum inflexum* [715: 131]
- Trachyphyllum gastrodes*** (Duby) A.Gepp in Hiern ANG(12,46), MLW(12,67,4764), SAF(12,1531,8328), SEN(47), SWZ(1531), ZAI(12), ZAM(12,46,62), ZIM(12,46).
- Trachyphyllum inflexum*** (Harv.) A.Gepp in Hiern ALD(12,2041,2353), COM(12,40), KEN(2661), MAU(12), MDG(12,40), MLW(4764), MOZ(357), REU(12), ROD(12,105,4931), SUD(12,3076), TAN(12,46), UGA(5696), ZAM(62).
Trachyphyllum maximum Dixon = *Trachyphyllum gastrodes* [715: 131]
Trachyphyllum pinnatum (Broth. & Paris) Broth. = *Trachyphyllum dusenii* (12)
Trachypodopsis eriocladioides M.Fleisch., *nom. nud.* Excluded: an undescribed specimen from Mozambique.
- Trachypodopsis laxoalaris*** Broth. MLW(67), UGA(46), ZAI(65,344).
- Trachypodopsis normandii*** (Broth. & Paris) M.Fleisch. GUI(47,344), SIE(47,344).
Trachypodopsis normandii fo. *viridis* Paris, *nom. nud.* Excluded: any records for this form have been associated with the owning species.
Trachypodopsis pintasiana M.Fleisch., *nom. nud.* = *Trachypodopsis serrulata* var. *serrulata* [10: 832]
Trachypodopsis quintasiana Broth. ex Paris, *nom. nud.* = *Trachypodopsis serrulata* var. *serrulata* [10: 832; 47: 503]
Trachypodopsis rutenbergii (Müll.Hal.) M.Fleisch. = *Trachypodopsis serrulata* var. *serrulata* [10: 832; 344]
- Trachypodopsis serrulata* var. *crispatula*** (Hook.) Zanten CMN(47), NGA(47,5148), TAN(46), UGA(4282).
- Trachypodopsis serrulata* var. *serrulata*** (P.Beauv.) M.Fleisch. BIO(47,2662), CMN(47), COM(40,344), ETH(111), IVO(44,1880), KEN(46,3412,5315), MDG(40,344,6908), MLW(67,6087), NGA(47,344,5148,5176), REU(105,344,3410), RWA(65,2675), SAF(344,1531,8328), SAO(47), TAN(46), UGA(46), ZAI(65), ZIM(46).
- Trachypus appendiculatus*** (Renauld & Cardot) Broth. MDG(40,344), TAN(46).
- Trachypus bicolor* var. *bicolor*** Reinw. & Hornsch. SAF(1531,8328), TAN(46).
- Trachypus bicolor* var. *hispidus*** (Müll.Hal.) Cardot GUI(47,344,3410), REU(3410), TAN(46,344).
- Trachypus bicolor* var. *viridulus*** (Mitt.) Zanten MDG(40,344), REU(105), SAF(344,8328), SAO(47,344), TAN(46).
Trachypus eriocladioides Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Mozambique.
Trachypus hispidus (Müll.Hal.) Paris = *Trachypus bicolor* var. *hispidus* [1521]
Trachypus laetus (Renauld & Cardot) M.Fleisch. = *Trachypus bicolor* var. *viridulus* [344: 499]
Trachypus molleri (Müll.Hal.) Broth. = *Trachypus bicolor* var. *viridulus* [344: 499]
Trachypus molliculus Broth. & Paris = *Trachypus bicolor* var. *hispidus* [344: 497]
Trachypus nodicaulis (Müll.Hal.) Besch. = *Trachypodopsis serrulata* var. *serrulata* [5492: 67; 40: 224]
Trachypus normandii Broth. & Paris = *Trachypodopsis normandii* [1521]
Trachypus nudicaulis Besch. ex Sim, *nom. inval. in synonym. err.* = *Trachypodopsis serrulata* var. *serrulata* [5492: 67; 40: 224]
Trachypus perichaetialis (Hampe) Besch. = *Papillaria perichaetilis* [1521]
Trachypus quintasianus Müll.Hal. ex Broth., *nom. nud. in synonym.* = *Trachypodopsis serrulata* [10: 832]
Trachypus rutenbergii Müll.Hal. = *Trachypodopsis serrulata* var. *serrulata* [10: 832; 40: 224]
Trachypus serratulus Besch. ex Wager, *orthogr. err.* = *Trachypodopsis serrulatus* [1521]
Trachypus serrulatus (P.Beauv.) Besch. = *Trachypodopsis serrulatus* var. *serrulatus* (1521)
Trachypus sublaetus Broth. ex Zant., *nom. nud. in synonym.* = *Trachypus bicolor* var. *viridulus* [344: 500]
Trachypus usambaricus Broth. ex Zant., *nom. nud. in synonym.* = *Trachypus bicolor* var. *viridulus* [344: 497]
Trachypus viridulus (Mitt.) Broth. = *Trachypus bicolor* var. *viridulus* (1519: 563)
- Trachythecium le-testui*** Thér. & P.de la Varde in P.de la Varde CAF(47), CMN(47), GAB(47), IVO(1880), UGA(3072).
Trematodon aequicollis Renauld & Cardot = *Trematodon divaricatus* (82: 115)
Trematodon africanus Wager & Dixon = *Trematodon longicollis* (82: 115)
- Trematodon angolensis*** Welw. ex Duby ANG(46).
- Trematodon borbonicus*** Besch. REU(105).
Trematodon boryanus (Schwaegr.) Spreng., *nom. illeg. incl. spec. prior.* = *Dicranoloma billardierei* [1911: 162]
- Trematodon congolensis*** V.Leroy ZAI(65).
- Trematodon curvicollis*** Cardot in Grandid MDG(40).
- Trematodon decaryi*** Thér. MDG(40).
- Trematodon dentatus*** Broth. & P.de la Varde CAF(47).
- Trematodon divaricatus*** Bruch MLW(67), MOZ(46), SAF(1531,4418,8328), SAO(47),

- TAN(46), ZAI(65).
Trematodon firmifolius Muell.Hal., *nom. nud.* Excluded: an undescribed specimen of unknown origin.
Trematodon flexifolius Müll.Hal. = *Trematodon divaricatus* [1911: 156]
- Trematodon hildebrandtii*** Müll.Hal. COM(40).
Trematodon intermedius var. *nanus* Welw. & Duby. = *Trematodon paradoxus* var. *nanus* [1521]
Trematodon intermedius Welw. & Duby. = *Trematodon paradoxus* [1911: 153]
- Trematodon lacunosus*** Renauld & Cardot MDG(40).
Trematodon latifolius Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Madagascar.
- Trematodon le-testui*** P.de la Varde GAB(47).
Trematodon ligulatus Rehmman ex G.Roth = *Trematodon mayottensis* [1911: 154]
Trematodon linguiformis Besch. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Marie 221*) from Mayotte.
- Trematodon longicollis*** Michx. BIO(8180), COM(40), KEN(411), MDG(40),
MLW(67,411), RWA(65), SAF(1531,4418,4897,8328), TAN(411), UGA(46),
ZAI(65,5319), ZIM(46,61).
Trematodon macleanii Rehmman ex Kindb., *nom. nud.* = *Trematodon paradoxus* [1911: 153]
- Trematodon mayottensis*** Besch. COM(40), MLW(67), SAF(1531,8328), TAN(46),
ZAM(62,411), ZIM(46,5525).
Trematodon minutissimus Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Réunion.
- Trematodon minutulus*** Müll.Hal. ex Dusén CMN(47), ZAI(65).
- Trematodon nudus*** Müll.Hal. ex Dusén CMN(47).
Trematodon obtusifolius Mitt. ex Sim, *nom. nud. in synonym.* = *Trematodon africanus* [1911: 154] (= *Trematodon longicollis*)
Trematodon pallidens Müll.Hal. = *Trematodon longicollis* (82: 115)
Trematodon pallidisetus (Brid.) Spreng. = *Microdus pallidisetus* [1521] (= *Leptotrichella pallidiseteta*)
Trematodon pallidus Müll.Hal. ex Broth., *nom. inval.* = *Trematodon pallidens* (1521) (= *Trematodon longicollis*)
- Trematodon paradoxus*** Hornsch. ANG(46), BIO(2662), MLW(67), NAM(1531,7155),
REU(105), RWA(65), SAF(1531,8328), SWZ(1531), UGA(46), ZAI(65), ZAM(62,411),
ZIM(46,61,5525).
- Trematodon paradoxus* var. *nanus*** (Welw. & Duby) Sim ANG(46), CAF(47), TAN(46),
UGA(46), ZAI(65), ZIM(46).
Trematodon pechuelii Müll.Hal. = *Trematodon paradoxus* var. *nanus* [1911: 153]
- Trematodon pillansii*** Dixon ex Sim SAF(1531,8328).
- Trematodon platybasis*** Müll.Hal. MDG(40).
- Trematodon reticulatus*** Müll.Hal. ex Geh. MDG(40).
Trematodon schroederi Broth. = *Trematodon victoriae* [1521]
- Trematodon subambiguus*** Besch. MAU(105), REU(105).
- Trematodon tisserantii*** Broth. & P.de la Varde CAF(47).
Trematodon tortilis Rehmman ex Dixon & A.Gepp., *nom. nud.* Excluded: an undescribed collection (*Rehmman 23*) from Natal, South Africa.
Trematodon transvaaliensis Wager & Broth. ex Dixon, *nom. nud. in synonym.* = *Trematodon pallidens* [4800: 181] (= *Trematodon longicollis*)
- Trematodon usambaricus*** Broth. TAN(46).
- Trematodon victoriae*** Müll.Hal. ex Dusén CMN(47), MLW(67), TAN(46), ZAI(65).
- Trematodon viguieri*** Cardot COM(40), MDG(40).
- Trichosteleum adhaerens*** (Besch.) Kindb. REU(105).
Trichosteleum albescens Broth., *nom. nud. in synonym.* = *Trichosteleum subpyncocylindricum* [4233: 184] (= *Radulina borbonica*)
Trichosteleum andongense Gepp. in Hiern = *Taxithelium andongense* [1521]
Trichosteleum aoraton (Duby) A.Jaeger = *Isopterygium intortum* [2195: 316]
- Trichosteleum asselii*** Tixier IVO(1880).
Trichosteleum borbonicum (Bél.) A.Jaeger = *Radulina borbonica* [717]
Trichosteleum borbonicum var. *brachycarpum* Renauld & Cardot = *Radulina borbonica* [6808: 31]
Trichosteleum buettnerianum (Müll.Hal.) Broth. = *Radulina borbonica* [717]
Trichosteleum chloropterum (Müll.Hal.) Kindb. = *Taxithelium chloropterum* [1521]
- Trichosteleum chrysophyllum*** P.de la Varde ANG(3072), CAF(47), GAB(47), GHA(3072),
IVO(1880).
- Trichosteleum constrictum*** (Brid.) Renauld REU(105).
- Trichosteleum debettei*** (Besch.) Kindb. REU(105), SEY(1941,2353).

- Trichosteleum debettei*** var. ***laevisetum*** Cardot MDG(40).
Trichosteleum decolor (Besch.) Kindb. = *Acanthorrhynchium decolor* [1521] (= *Acanthorrhynchium papillatum*)
- Trichosteleum dicranelloides*** Broth. LBR(47), SAO(47).
- Trichosteleum dimorphum*** Dixon IVO(1880), SIE(47).
- Trichosteleum fuscovirescens*** Paris & Broth. GUI(47).
- Trichosteleum gabonense*** Broth. & P.de la Varde GAB(47), GUI(47,5041), IVO(1880).
- Trichosteleum grossepapillosum*** Paris & Broth. CAF(47), GAB(47), GUI(47,1458), IVO(1880), LBR(47), NGA(1492), SIE(3216).
Trichosteleum guineense A.Jaeger, *nom. nud.* Excluded: the collections are from New Guinea, not Guinea.
- Trichosteleum heterophyllum*** Bizot & Orr. MDG(40).
- Trichosteleum hornschurchii*** (Hampe) A.Jaeger IVO(1458).
- Trichosteleum humbertii*** P.de la Varde BUR(65), KEN(46), RWA(2675), TAN(46), ZAI(65).
Trichosteleum inclinatum Kiaer ex C.H.Wright, *nom. nud.* = *Mittenothamnium microthamnioides* [1848: 444]
- Trichosteleum jaegeri*** P.de la Varde SIE(47).
- Trichosteleum jonesii*** Bizot ex Pócs TAN(46,109).
Trichosteleum kuilui (Müll.Hal.) Kindb. = *Taxithelium kuilui* [1521]
- Trichosteleum lachmanii*** Bizot IVO(47,109,1880).
Trichosteleum laetum (Renauld & Cardot) Paris = *Taxithelium planulum* [1848: 470]
Trichosteleum laeviusculum Renauld & Cardot ex Broth., *nom. illeg. orthogr.* = *Trichosteleum leviusculum* [1521]
Trichosteleum lamprophyllum (Mitt.) W.R.Buck = *Acroporium lamprophyllum* Mitt. (3283)
Trichosteleum leptorrhynchum (A.Jaeger) Renauld = *Warburgiella leptorrhyncha* (1521)
Trichosteleum leptorrhynchum var. *madagassum* Renauld & Cardot = *Warburgiella leptorrhyncha* (40: 242)
Trichosteleum leptorrhynchum var. *subintegrifolium* Thér. & P.de la Varde = *Warburgiella leptorrhyncha* (4015)
- Trichosteleum le-testui*** P.de la Varde CON(47), GAB(47).
- Trichosteleum leviusculum*** Renauld & Cardot CMN(3072), MDG(40).
- Trichosteleum lorifolium*** P.de la Varde GAB(47).
Trichosteleum loucoubense (Besch.) Kindb. = *Acanthorrhynchium loucoubense* [1521] (= *Acanthorrhynchium papillatum*)
Trichosteleum madagassum A.Jaeger, *nom. nud.* Excluded: an undescribed collection from Madagascar [3076: 465; 5087: 267; 40: 242].
Trichosteleum mammillipes Broth. = *Radulina borbonica* (717)
- Trichosteleum microcalyx*** Renauld & Cardot GAB(47), NGA(5148,5160,5176), ZAI(65).
- Trichosteleum microdontum*** (Besch.) Renauld MAU(3072), MDG(40).
- Trichosteleum microdontum*** var. ***megapterum*** Renauld & Cardot MDG(40).
Trichosteleum microductum Renauld ex Paris, *nom. inval. err.* = *Trichosteleum microdontum* [1521]
Trichosteleum niam-niamiae (Müll.Hal.) A.Jaeger = *Henicodium niam-niamiae* [1521] (= *Henicodium geniculatum*)
Trichosteleum ovale (Hedw.) Roehl., *nom. inval. in synonym.* = *Grimmia ovalis* [1521]
Trichosteleum ovatum P.Beauv., *nom. illeg. incl. spec. prior.* = *Grimmia ovalis* [1521]
- Trichosteleum papillosum*** (Hornsch.) A.Jaeger NGA(47,6263).
- Trichosteleum perchlorosum*** Broth. & Bryhn SAF(1531,7766,8328), ZIM(46).
Trichosteleum perhamosum Broth. = *Radulina borbonica* (717)
- Trichosteleum permixtum*** Cardot MDG(40).
- Trichosteleum perrotii*** (Renauld & Cardot) Renauld & Cardot MAU(105), MDG(40).
- Trichosteleum perrotii*** var. ***eurydictyon*** Renauld & Cardot MDG(40).
- Trichosteleum pervilleanum*** (Müll.Hal. ex Geh.) W.R.Buck MDG(40), REU(3410), ZAI(65).
- Trichosteleum pobeguini*** Paris & Broth. CAF(47), GUI(47), IVO(1880).
Trichosteleum pseudo-amoenum (Bél.) A.Jaeger = *Taxithelium pseudo-amoenum* [1521]
Trichosteleum punctatulum (Geh.) Broth. = *Trichosteleum borbonicum* var. *brachycarpum* [1848: 503] (= *Radulina borbonica*)
Trichosteleum replicatum (Besch.) Broth. ex Paris = *Sematophyllum caespitosum* [2520: 88] (= *Sematophyllum subpinnatum*)
- Trichosteleum staudtii*** Broth. CMN(47), GAB(47), GHA(3072), IVO(1880).
- Trichosteleum staudtii*** var. ***densirameum*** P.de la Varde GAB(47).
Trichosteleum stenosekos (Welw. & Duby) A.Gepp in Hiern = *Taxithelium stenosekos* [1521]
- Trichosteleum stictum*** (Besch.) Kindb. GHA(3072), SEY(1926,1941,1945,1946,2328,2353).
- Trichosteleum sublaeve*** P.de la Varde CAF(47), IVO(1880).

- Trichosteleum subpyncocylindricum* Broth. = *Radulina borbonica* (717)
- Trichosteleum subrhizophyllum*** (Müll.Hal.) A.Jaeger BIO(3072).
- Trichosteleum subscabrisetulum*** (Müll.Hal.) A.Jaeger COM(40).
- Trichosteleum subulatulum*** (Müll.Hal.) A.Jaeger COM(40), RWA(65), ZAI(65).
- Trichosteleum tisserantii*** P.de la Varde CAF(47), IVO(1880).
- Trichosteleum trachypyxis*** (Geh.) Renauld & Cardot MDG(40).
- Trichosteleum truncatum* (Welw. & Duby) A.Gepp = *Phyllocladon truncatus* (268)
- Trichosteleum usambaricum*** Broth. CMN(3072), TAN(46).
- Trichostomopsis australasiae* (Hook. & Grev.) H.Rob. = *Didymodon australasiae* (1420)
- Trichostomopsis brevifolia* E.B.Bartram = *Didymodon australasiae* (1420)
- Trichostomopsis trivialis* (Müll.Hal.) H.Rob. = *Didymodon trivialis* (1420)
- Trichostomum abyssinicum*** (Thér.) R.H.Zander ETH(3094).
- Trichostomum acutiusculum*** (Broth.) R.H.Zander TAN(46).
- Trichostomum afrofontanum* Müll.Hal. = *Barbula afrofontana* (82: 246) (= *Barbula bolleana*)
- Trichostomum afrophaea* Rehmman ex Geh., *nom. nud.* = *Hyophila afrophaea* [1521] (= *Trichostomum brachydontium*)
- Trichostomum afrum* Müll.Hal. = *Didymodon ceratodonteus* [1911: 256; 82: 233]
- Trichostomum apiculatum* (Renauld) Müll.Hal., *hom. illeg.* = *Barbula kiaeri* [10: 409] (= *Barbula indica*)
- Trichostomum arbutorum* Brid. = *Macromitrium pallidum* [5362: 132]
- Trichostomum atrovirens* Rehmman ex Müll.Hal. = *Hyophila involuta* (1420)
- Trichostomum ayresianum* Besch. = *Trichostomum brachydontium* (2653)
- Trichostomum ayresii* Schimp. ex Kindb., *nom. illeg. incl. spec. prior.* = *Trichostomum ayresianum* [1521] (= *Trichostomum brachydontium*)
- Trichostomum bainsii* Rehmman ex Kindb., *nom. nud.* = *Trichostomum brachydontium* [1811: 242]
- Trichostomum barbula* Schwägr., *nom. illeg. incl. spec. prior.* = *Timmiella barbuloidea* [1521]
- Trichostomum barbuloidea* Brid. = *Timmiella barbuloidea* (1521)
- Trichostomum barbuloidea* Schimp. ex Muell.Hal., *nom. nud.* = *Trichostomum barbula* [4250: 1318] (= *Timmiella barbuloidea*)
- Trichostomum bifidum* (Brid.) Brid. = *Leucoloma bifidum* (7101: 532)
- Trichostomum bolleanum* (Müll.Hal.) Müll.Hal. = *Barbula bolleana* (2666)
- Trichostomum borbonicum* Een = *Trichostomum cardotii* (80)
- Trichostomum brachydontium* ssp. *mutabile*** (Bruch) Giacom. REU(105).
- Trichostomum brachydontium* var. *brachydontium*** Bruch ANG(46), BOT(1531), CAF(47), CVI(1296,2666,6453), ERI(50), GUI(47), IVO(1458), KEN(46,411,5315,6615,7065), LES(1531,4897), MAU(105,2653), MDG(40), MLW(67,411,6087), MOZ(46), NAM(1531,7155,8024), NGA(334), REU(105,2653), SAF(1531,4897,7766,8328), SOC(2374,5613), STH(4626), SUD(3076), SWZ(1531), TAN(46), ZAI(65), ZAM(62), ZIM(46,61).
- Trichostomum breutelii* Schimp. ex Müll.Hal., *nom. nud.* Excluded: an undescribed collection from Cape, South Africa.
- Trichostomum brotheri* Renauld & Paris = *Hydrogonium brotheri* [1521] (= *Barbula bolleana*)
- Trichostomum calcareum* (Nees & Hornsch.) Lindb. = *Gymnostomum calcareum* [1521]
- Trichostomum calypteraceum*** Broth. & Paris GUI(47).
- Trichostomum cameruniae* (Broth.) Paris = *Timmiella cameruniae* [1521]
- Trichostomum capillaceum* (Hedw.) Sm. = *Distichium capillaceum* [1521]
- Trichostomum cardotii*** Bizot REU(105).
- Trichostomum chrysopus* Müll.Hal. ex Paris, *nom. nud.* = *Ditrichum madagassum* [1848: 60]
- Trichostomum circinatum* (Besch.) Broth. = *Chionoloma bombayense* [7961: 36]
- Trichostomum circinnatum* Broth. ex Voeltzk. = *Pseudosymblypharis circinnatula* (1420) (= *Chionoloma bombayense*)
- Trichostomum convolutum* Brid. = *Desmatodon convolutus* (82: 209) (= *Tortula atrovirens*)
- Trichostomum corticicola* (Renauld & Cardot) Cardot in Grandid. = *Chionoloma bombayense* [7961: 36]
- Trichostomum corticicola* var. *brevifolium* Cardot in Grandid., *nom. illeg.* = *Chionoloma bombayense* [7961: 36]
- Trichostomum crispulum*** Bruch CHA(4508,4534,4565), CVI(1296,2666,6453), DJI(1569), REU(5440), SOC(7778), STH(1296,4202,4626,5331), TAN(46).
- Trichostomum cyathiforme* Dixon = *Hypodontium dregei* (82: 170)
- Trichostomum cylindricum* (Brid.) Müll.Hal., *hom. illeg.* = *Trichostomum tenuirostre* [71: 623]
- Trichostomum decurvifolium* Paris & Broth. = *Trichostomum brachydontium* (1158)
- Trichostomum dentatum* Rehmman ex Kindb., *nom. nud.* = *Hyophila atrovirens* [1911: 222] (= *Hyophila involuta*)
- Trichostomum difficile* Duby ex Moritzi = *Ditrichum difficile* (1521)
- Trichostomum distans*** Hampe in Müll.Hal. ETH(50).
- Trichostomum ehrenbergii* Lorentz = *Barbula bolleana* (2666)
- Trichostomum ehrenbergii* var. *denticuspis* Broth. = *Trichostomum ehrenbergii* (46) (= *Barbula bolleana*)
- Trichostomum eperistomatium* Dixon ex Sim, *nom. nud. in synonym.* = *Hyophila zeyheri* [1911: 221] (= *Trichostomum brachydontium*)

- Trichostomum epunctatum* Müll.Hal., *nom. illeg. incl. spec. prior.* = *Leptodontium viticulosoides* (1521)
Trichostomum erosum Rehm ex Kindb., *nom. nud.* = *Hyophila erosa* [1521] (= *Oreoweisia erosa*)
Trichostomum ferrugineum Brid. = *Leucoloma longifolia* [2584: 355]
Trichostomum flagilifolium Dixon = *Chionoloma bombayense* [7961: 37]
Trichostomum flavescens Dixon = *Trichostomum brachydontium* (2653)
Trichostomum fontanum Müll.Hal. = *Barbula meidensis* (50: 225)
Trichostomum fontanum Müll.Hal. ex Paris, *err.* = *Trichostomum afrofontanum* [1521] (= *Barbula bolleana*)
Trichostomum fuscomucronatum Müll.Hal. = *Pseudocrossidium replicatum* (6803)
Trichostomum glaucescens Hedw. = *Saelania glaucescens* (1521)
Trichostomum glaucoviride Renauld & Cardot, *hom. illeg.* = *Trichostomum cardotii* (109)
Trichostomum humile (Hedw.) Guim. = *Tortella humilis* [1521]
- Trichostomum incertum* (Mitt.) R.H.Zander ROD(105).**
Trichostomum indicum Schwaegr., *hom. illeg.* = *Semibarbula orientalis* [2584: 1849] (= *Barbula indica*)
Trichostomum lanuginosum Hedw. = *Racomitrium lanuginosum* (82: 278)
Trichostomum leikipiae Müll.Hal. = *Trichostomum brachydontium* (1158)
Trichostomum leiodontium Müll.Hal. = *Tortella xanthocarpa* [10: 397]
Trichostomum leptocarpum Müll.Hal., *nom. illeg. incl. spec. prior.* = *Didymodon distans* [1521] (= *Trichostomum distans*)
Trichostomum leucoloma Schwaegr., *nom. illeg. incl. spec. prior.* = *Leucoloma bifidum* [1521]
- Trichostomum ligulaefolium* (Broth. & Paris) R.H.Zander CAF(47), GUI(47), SIE(3216), TOG(1878).**
Trichostomum longifolium Brid. = *Leucoloma longifolium* [1521]
Trichostomum longifolium var. *humile* Brid. = *Leucoloma longifolium* [2584: 355; 40: 201]
- Trichostomum lorifolium* Broth. & Paris CAF(47), GUI(47), MLW(6087), NGA(334), TAN(46), ZAI(65).**
Trichostomum luridum (Spreng.) Spruce = *Didymodon trifarius* [8248: 549]
Trichostomum mahalismontanum Rehm ex Kindb., *nom. nud.* = *Trichostomum brachydontium* [1191: 243]
Trichostomum murale Schimp. ex Müll.Hal., *nom. nud.* Excluded: an undescribed specimen from Ethiopia.
Trichostomum mutabile Bruch = *Trichostomum brachydontium* ssp. *mutabile* (1420)
- Trichostomum muticum* Paris ROD(105).**
Trichostomum oocarpum Rehm ex Kindb., *nom. nud.* = *Hyophila zeyheri* [1911: 221] (= *Trichostomum brachydontium*)
Trichostomum oocarpum var. *lanceolatum* Rehm ex Paris, *nom. nud.* Excluded: see note under *Hyophila zeyheri* var. *lanceolatum*.
Trichostomum orientale F.Weber = *Barbula indica* (82: 243)
Trichostomum pallidum Hedw. = *Ditrichum pallidum* [1521]
Trichostomum pennequinii Renauld & Cardot ex Broth., *nom. illeg. orthogr.* = *Trichostomum pennequinii* [8305: 175]
- Trichostomum pennequinii* Renauld & Paris MDG(40).**
Trichostomum perplexum P.de la Varde = *Chionoloma bombayense* [7961: 37]
- Trichostomum perrieri* Thér. MDG(40).**
- Trichostomum pulicare* (Besch.) R.H.Zander COM(40).**
Trichostomum pulvinatum (Hedw.) F.Weber & D.Mohr = *Grimmia pulvinata* [1521]
Trichostomum pumilum Müll.Hal. = *Leptodontium pungens* (290)
Trichostomum pungens (Mitt.) Paris = *Leptodontium pungens* [1521]
Trichostomum recurvirostre (Hedw.) Lindb. = *Bryoerythrophyllum recurvirostre* [1521]
Trichostomum rehmannii Sim = *Tortella xanthocarpa* (82: 255)
Trichostomum renaudii Thér. = *Trichostomum sparsifolium* [4361: 89]
Trichostomum repens Müll.Hal. = *Leptodontium repens* (1521)
Trichostomum rhodesiae Broth. = *Chionoloma bombayense* [7961: 37]
Trichostomum rigidulum (Hedw.) Turn. = *Didymodon rigidulum* var. *rigidulum* [1521]
Trichostomum riparium Rehm ex Geh., *nom. nud.* = *Hyophila atrovirens* [1911: 222] (= *Hyophila involuta*)
Trichostomum rufisetum Müll.Hal. = *Tortella xanthocarpa* (82: 255)
- Trichostomum ruvenzoreense* (Broth.) Broth. KEN(46), TAN(46), UGA(46), ZAI(65).**
Trichostomum soulae (Müll.Hal. ex Renauld & Cardot) R.H.Zander = *Chionoloma bombayense* [7961: 36]
Trichostomum soulae var. *corticicola* (Renauld & Cardot) R.H.Zander = *Chionoloma bombayense* [7961: 36]
Trichostomum sparsifolium (Renauld & Cardot) Cardot = *Trichostomum brachydontium* [1158]
- Trichostomum sporaphyllum* (Renauld & Cardot) Cardot MDG(40).**
Trichostomum squarrosum (Brid.) Brid. = *Leptodontium viticulosoides* [5362: 85; 82: 189]
Trichostomum stellatum (Brid.) Müll.Hal. = *Leptodontium stellatum* [1521] (= *Leptodontium longicaule* ssp. *stellatum*)
Trichostomum subintegrum (Broth.) Broth. = *Chionoloma bombayense* [7961: 36]
Trichostomum sulphureum Rehm ex Kindb., *nom. nud.* = *Trichostomum rehmannii* [1911: 244] (= *Tortella xanthocarpa*)
- Trichostomum tenuirostre* var. *gemmiparum* (Schimp.) R.H.Zander REU(8028).**
***Trichostomum tenuirostre* var. *tenuirostre* (Hook. & Taylor) Lindb. ANG(46), BIO(2662),**

- CMN(47), COM(40), CVI(6453), LES(1531,4897), MAU(105), MDG(40), MLW(67), REU(105), RWA(46,65), SAF(1531,4418,4897,7766,8328), SIE(3216), TAN(46), UGA(46), ZAI(65,5319), ZAM(62).
- Trichostomum torquescens* (Müll.Hal.) Schimp. ex Müll.Hal. = *Tortula pilifera* Hook. [6557: 234] (= *Pseudocrossidium crinitum*)
- Trichostomum tortuloides* Sull. & Lesq. = *Tortella xanthocarpa* (82: 255)
- Trichostomum trifarium* (Hedw.) Sm. = *Didymodon trifarius* [1521] (= *Saelania glaucescens*)
- Trichostomum trirete* Dixon = *Trichostomum brachydonium* (2653)
- Trichostomum unguiculatum*** (Mitt.) R.H.Zander CAF(47), IVO(4304), MLW(67,4304,6087), SAF(1531,8328), TAN(46), ZAM(62), ZIM(61).
- Trichostomum usambaricum* (Broth.) Broth. = *Chionoloma bombayense* [7961: 36]
- Trichostomum vallis-gratiae* Hampe ex Muell.Hal., *nom. nud.* Excluded: an undescribed collection from Cape, South Africa.
- Trichostomum vernicosum* Renaud & Cardot = *Tortella vernicosa* [1521]
- Trichostomum villaumei*** Thér. MDG(40).
- Trichostomum wilmsianum* Muell.Hal., *nom. nud.* Excluded: an undescribed specimen from Transvaal, South Africa.
- Trichostomum xanthocarpum* Schimp ex Müll.Hal. = *Tortella xanthocarpa* (82: 255)
- Trichostomum leptotortella* (Müll.Hal.) Broth. = *Chionoloma bombayense* [7961: 36]. Note: see under *Barbula leptotortella*.
- Triquetrella strictissima* Müll.Hal. = *Triquetrella tristicha* [2734: 301; 82: 187]
- Triquetrella tristicha*** (Müll.Hal.) Müll.Hal. ETH(50), LES(1531,4897), SAF(1531,7766,8328).
- Trismegistia afronemorosa* Müll.Hal., *nom. nud.* Excluded: no original specimen stated, but probably related to *Rhacopilopsis*.
- Trismegistia monodii* (P.de la Varde) Ando = *Wijkia monodii* [8360]
- Trismegistia rigidicaulis* (Broth.) Broth. = *Wijkia monodii* [8360]
- Trismegistia subpilotrichella* Müll.Hal. ex Paris, *nom. nud.* Excluded: no published description or specimen.
- Trismegistia subtrichocolea* Müll.Hal. ex Paris, *nom. nud.* = *Wijkia trichocoleoides* [717]
- Tristichiopsis mirabilis* Mueel.Hal. = *Tristichium mirabile* [1521]
- Tristichium mirabile*** (Müll.Hal.) Herzog KEN(146), LES(146,1531,4897), SAF(1531,4897,8328), TAN(146).
- Ulea welwitschii* (Duby) Broth. = *Rhachithecium welwitschii* (1420)
- Uleobryum occultum*** G.Roth. ZIM(5298,5525).
- Uloa crispata* (Hedw.) Sw. ex Hook. & Grev., *nom. inval. in synonym.* = *Ptychomitrium crispatum* [1521]
- Uloa dura* Muell.Hal. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Dusén 351*) from Cameroon.
- Uloa ecklonii*** (Hornsch.) A.Jaeger SAF(1531,8328).
- Uloa fulva*** Brid. MAU(105), MDG(40), REU(105).
- Uloa plicata* (P.Beauv.) Brid. = *Leiomitrium plicatum* [1521]
- Uloa tanganyikae*** P.de la Varde TAN(46).
- Vesicularia alboviridis*** (Renaud) Broth. MAU(105), SEY(1926,2353).
- Vesicularia alboviridis* var. *rufula*** (Renaud & Cardot) Cardot in Grandid. MDG(40).
- Vesicularia angustifolia*** Dixon ZAI(65).
- Vesicularia annobonensis* Broth. in Mildbr., *nom. nud.* = *Vesicularia strephomischos* (4930)
- Vesicularia ayresii*** (Besch.) Broth. MAU(105), MDG(40), ROD(4931).
- Vesicularia bescherellei*** (Renaud) Broth. MAU(105,3410).
- Vesicularia boivinii* (Besch.) Broth. = *Vesicularia galerulata* [1848: 480]
- Vesicularia bryocarpa* Müll.Hal. ex Paris, *nom. nud.* Excluded: undescribed taxon, based on *Dusén 311* from Cameroon.
- Vesicularia campylosciadia* Müll.Hal., *nom. nud.* Excluded: an undescribed specimen (*Dusén 366*) from Cameroon.
- Vesicularia cataractarum* (Besch.) Broth. = *Vesicularia hygrobia* [1848: 482]
- Vesicularia codonopyxis*** (Müll.Hal.) Broth. BIO(47).
- Vesicularia combae*** (Renaud & Cardot) Broth. MDG(40).
- Vesicularia crassiramea*** (Renaud & Cardot) Broth. COM(40), MDG(40), SEY(1926,2353).
- Vesicularia crassiramea* var. *laxifolia*** (Renaud & Paris in Paris) Cardot in Grandid. MDG(40).
- Vesicularia densiramea* Broth. ex Naveau, *nom. nud.* Excluded: an undescribed collection from Uganda [22: 74; 46: 132].
- Vesicularia fonticola*** P.de la Varde GAB(47).
- Vesicularia galerulata*** (Duby) Broth. AGA(40,1506,2195,2328,2331), ANG(46), CMN(47), COM(40), ETH(111), GAB(47), IVO(63,1880), MAU(105,3410), MDG(40), NAM(4418),

- NGA(334), REU(105), SAF(1531,8328), SWZ(1531), TAN(46), UGA(46,7981), ZAI(65), ZAM(62), ZIM(61).
- Vesicularia galerulata* var. *subpiligera* (Renauld & Paris) Wijk & Margad. MDG(40).
- Vesicularia glaucissima* (Müll.Hal.) Broth. COM(40).
- Vesicularia glaucula* (Broth.) Broth. CAF(47), CMN(47), CON(47), GAB(47), IVO(1880), SAO(47), TOG(1878), ZAI(65).
- Vesicularia golungensis* (Welw. & Duby) Broth. ANG(46).
- Vesicularia hapalyptera* (Müll.Hal.) Broth. GAB(47).
- Vesicularia hygrobium* (Besch.) Broth. MAS(40), MDG(40).
- Vesicularia immunda* (Renauld) Cardot in Grandid. MDG(40).
- Vesicularia ischyropteris* (Broth.) Müll.Hal. CAF(47), CMN(47), GAB(47), GHA(47), NGA(5176), TOG(1878), UGA(3072).
- Vesicularia latiramea* Broth. CAF(47), GAB(47), IVO(1880), RIM(4639), TAN(46).
- Vesicularia lepervanchei* (Besch.) Broth. COM(40,3410), MAU(3410), REU(105).
- Vesicularia longofluitans* (Broth.) Broth. CMN(47).
- Vesicularia longofluitans* var. *latifolia* P.de la Varde CAF(47).
- Vesicularia mayumbensis* (Besch.) Broth. CAF(47), CMN(47), CON(47), GAB(47), GUI(47,5041).
- Vesicularia mayumbensis* (Besch.) Broth. Note: there has been some doubt about the relationship between this taxon and *Ectropothecium brachycladulum*: see note under the latter name.
- Vesicularia montagnei* (Bél.) Broth. = *Vesicularia vesicularis* var. *vesicularis* (4252)
- Vesicularia nanocarpa* (Müll.Hal.) Broth. GAB(6152).
- Vesicularia nigeriana* Broth. & Paris CAF(47), MLI(47), TAN(46), UGA(46), ZAI(65).
- Vesicularia oreadelphus* (Broth.) Broth. CAF(47), CMN(47), CON(47), GAB(47), GUI(47), IVO(47), RWA(65), SIE(3216), TAN(46), UGA(7981), ZAI(65).
- Vesicularia oreadelphus* var. *glaucoviridis* (Broth.) Paris IVO(47).
- Vesicularia oreadelphus* var. *sulphureoflava* (Broth.) Broth. CMN(47).
- Vesicularia perpallida* (Broth.) Broth. CMN(47), ZAI(65).
- Vesicularia reimersiana* Bizot & P.de la Varde MLI(51,262).
- Vesicularia rodriguezii* (Renauld & Cardot) Broth. REU(105).
- Vesicularia rootii* (Paris & Broth.) Broth. MLI(47).
- Vesicularia sarcoblata* (Broth.) Broth. CAF(47), CMN(47).
- Vesicularia scaturigina* (Brid.) Broth. BIO(47), NGA(47), PRI(47), REU(105), ROD(105).
- Vesicularia sigmangia* (Broth.) Broth. CMN(47), RWA(65).
- Vesicularia soyauxii* (Müll.Hal.) Broth. CON(47), GAB(47), NGA(5148), UGA(7981).
- Vesicularia sphaerocarpa* (A.Jaeger) Broth. = *Vesicularia galerulata* [1848: 480]
- Vesicularia sphaerocarpa* var. *subpiligera* (Renauld & Cardot) Cardot in Grandid. = *Vesicularia galerulata* var. *subpiligera* [1521]
- Vesicularia strephomischos* (Welw. & Duby) Broth. ANG(46), ANN(47).
- Vesicularia subenervis* (Mitt.) Broth. ROD(105).
- Vesicularia subsarcoblata* (Broth.) Broth. CMN(47).
- Vesicularia subsphaerica* (Müll.Hal.) Broth. REU(105).
- Vesicularia sulfureoflava* Müll.Hal. ex Paris, *nom. nud.* = *Vesicularia oreadelphus* var. *sulphureoflava* [1521]
- Vesicularia tenaci-inserta* (Müll.Hal.) Broth. CAF(47), CON(47), GAB(47), IVO(1880).
- Vesicularia tenuatipes* (Müll.Hal.) Broth. CAF(47), GAB(47), IVO(1880), NGA(47,5176).
- Vesicularia terrestris* (Müll.Hal.) Broth. BIO(47).
- Vesicularia thollonii* (Besch.) Broth. CON(47).
- Vesicularia vesicularis* var. *vesicularis* (Schwägr.) Broth. AGA(40,2327).
- Vesicularia virentipinnata* (Müll.Hal.) Broth. = *Vesicularia galerulata* [1848: 480]
- Vittia pachyloma* (Mont.) Ochyra SAF(1531,8328).
- Warburgiella adhaerens* (Besch.) Broth. = *Trichosteleum adhaerens* (4015)
- Warburgiella leptorrhyncha* (A.Jaeger) Broth. ETH(1927), KEN(46), MAU(105), MDG(40), REU(105), TAN(46), ZAI(65).

Wardia hygrometrica Harv. & Hook. SAF(1531,8328).

Warnstorfia exannulata (Bruch, Schimp. & W.Gümbel) Loeske KEN(46), RWA(65), ZAI(65).

Warnstorfia fluitans var. *fluitans* (Hedw.) Loeske BIO(47,3418), RWA(46,65), UGA(46).

Warnstorfia sarmentosa (Wahlenb.) Hedenäs KEN(46,4112,5315), TAN(1403).

Webera afrocruda (Müll.Hal.) Kindb. = *Pohlia afrocruda* (1521)

Webera afronutans (Müll.Hal.) Paris = *Pohlia nutans* [10: 549; 83: 353]

Webera albicans Schimp., *nom. illeg.* = *Pohlia wahlenbergii* (2185)

Webera annotina var. *decurrens* (Renauld & Cardot) Renauld & Cardot = *Pohlia baronii* [4267: 25; 83: 349]

Webera brachyeniaceae Müll.Hal. ex Geh. = *Bryum brachyeniaceae* [1911: 333] (= *Bryum pseudotriquetrum*)

Webera bulbillicaulis (Müll.Hal.) Kindb. = *Bryum bulbillicaule* (1521)

Webera cavifolia Bruch & Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection (*Schimper 459*) from Ethiopia.

Webera chrysoblata Thér. & Naveau = *Pohlia chrysoblata* (748)

Webera cratericola (Broth.) Broth. = *Pohlia cratericola* (1521)

Webera cruda (Hedw.) Fuernr. = *Pohlia cruda* (83: 350)

Webera cygnicollata Schimp ex Paris, *nom. nud.* = *Anomobryum cygnicollum* (50: 230)

Webera decurrens Renauld & Cardot = *Pohlia baronii* [4267: 25; 83: 348]

Webera decurrens var. *gracilicaulis* Cardot in Grandid. = *Pohlia baronii* [4267: 25]

Webera depauperata Sim = *Pohlia cruda* (83: 350)

Webera eckloniana (Müll.Hal.) A.Jaeger = *Pohlia nutans* [4800: 200]

Webera ecklonii Müll.Hal. ex Kindb., *nom. illeg. incl. spec. prior.* = *Pohlia nutans* [4800: 200]

Webera elongata (Hedw.) Schwägr. = *Pohlia elongata* (1521)

Webera enselini Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Pohlia elongata* [1911: 322]

Webera glandiformis Rehmann ex Dixon & A.Gepp., *nom. nud.* Excluded: an undescribed collection (*Rehmann 225*) from Cape Town, South Africa.

Webera grammophylla Besch. = *Pohlia grammophylla* [1521]

Webera gregaria Rehmann ex Kindb., *nom. nud.* = *Pohlia mielichhoferiacea* [1911: 322]

Webera gromieri Thér. = *Pohlia gromieri* (45)

Webera gymmophylla Müll.Hal. ex Paris, *nom. inval. err.* = *Bryum grammophyllum* [1521] (= *Pohlia grammophylla*)

Webera halleriana Hedw., *nom. inval.* = *Bartramia halleriana* [1521]

Webera heribaudii (Renauld & Cardot) Cardot in Grandid. = *Pohlia heribaudii* [1521] (= *Pseudopohlia microstoma*)

Webera heribaudii var. *madagassa* (Renauld & Cardot) Cardot in Grandid. = *Pohlia heribaudii* var. *madagassa* [1521]

Webera juniperina Paris, *nom. nud.* Excluded: this undescribed collection is from Himalaya.

Webera kenyae Dixon = *Pohlia kenyae* (45)

Webera lacouturei Thér. = *Pohlia lacouturei* (1663)

Webera leptoblepharum (Müll.Hal.) A.Jaeger = *Pohlia elongata* (83: 351)

Webera linealis (Renauld & Cardot) Cardot in Grandid. = *Pohlia elongata* (23)

Webera macleai Rehmann ex Sim = *Pohlia macleai* (Sim) Schelpe. Excluded: appears to be a mixed specimen (83: 354)

Webera mielichhoferia (Müll.Hal.) Paris = *Pohlia elongata* (83: 351)

Webera montis-cavi Rehmann ex Kindb., *nom. nud.* = *Pohlia mielichhoferiacea* [1911: 322]

Webera nutans Hedw. = *Pohlia nutans* (83: 353)

Webera philibertii Paris, *nom. nud.* Excluded: a name recorded for Ethiopia, but with no specimen associated.

Webera philonotula (Müll.Hal.) Paris = *Pohlia philonotula* [1521]

Webera plumella (Müll.Hal.) Broth. = *Pohlia plumella* [1521]

Webera pyriformis Hedw. = *Leptobryum pyriforme* (83: 357)

Webera revoluta Sim, *hom. illeg.* = *Bryum alpinum* (83: 371)

Webera wahlenbergii (F.Weber & D.Mohr) Fuernr. = *Mniobryum wahlenbergii* [1521] (= *Pohlia wahlenbergii*)

Webera woodii Rehmann ex Kindb., *nom. nud.* = *Pohlia mielichhoferiacea* [1911: 322]

Weisiopsis involuta Magill = *Plaubelia involuta* (1420)

Weisiopsis nigeriana (Egunyomi & Olar.) R.H.Zander IVO(4304), NGA(5176), TAN(46), ZAM(46).

Weisiopsis plicata (Mitt.) Broth. MDG(40), MLW(6087), SAF(1531,8328), TAN(46), ZAM(62), ZIM(46,61).

Weisiopsis pulchella Thér. & Naveau in Thér. & Hilp., *nom. nud. in synonym.* = *Hyophila pulchella* [1521] (= *Tisserantiella pulchella*)

Weisiopsis pulchiretis Dixon = *Streptocalypta pulchiretis* (1420)

Weissia abyssinica Thér. = *Trichostomum abyssinicum* (1420)

Weissia apiculata Kiaer in Wright, *nom. nud.* = *Barbula indica* var. *indica* (7069: 105)

Weissia artocosana R.H.Zander SOC(40,1626,2374,5613).

Weissia ayresii Schimp. in Besch. MAU(105), MDG(40), REU(105), RWA(65).

Weissia bergiana Hornsch. = *Funaria bergiana* (83: 323) (= *Entosthodon bergianus*)

Weissia bizotii R.H.Zander TAN(46,109).

Weissia borbonica (Bizot & Onr. ex Onr.) Arts REU(8028).

- Weissia brachycarpa* Müll.Hal., *nom. nud.* = *Weissia dieterlenii* (82: 263)
- Weissia brachycarpa* var. *brachycarpa*** (Nees & Hornsch.) M.O.Hill CVI(2666).
- Weissia brachypelma*** Müll.Hal. KEN(46).
Weissia brachypelma Müll.Hal. = *Hymenostomum brachypelma* [1521] (= *Weissia brachypelma*)
- Weissia brachypoma*** C.C.Towns. TAN(46).
Weissia campylocarpa Hook. & Arnott in Hook. = *Mielichhoferia campylocarpa* [1521]
Weissia cirrata var. *cylindrica* (Brid.) Huebener = *Oxystegus cylindricus* [1521] (= *Trichostomum tenuirostre*)
Weissia comosa Hampe ex Paris, *nom. nud. in synon.* = *Garckea phascoides* [2584: 424] (= *Garckea flexuosa*)
- Weissia condensa*** (Voit) Lindb. CVI(6453), SOC(7778).
- Weissia controversa* var. *controversa*** Hedw. CVI(2666,6453), KEN(46), LES(1531,4897), NGA(334,5176,5745), REU(105), SAF(1531,7766,8328), TAN(46), UGA(46), ZAI(5319), ZIM(46).
- Weissia controversa* var. *gymnostoma*** (Dixon) Sainsbury TAN(46).
- Weissia controversa* var. *macrophylla*** (Thér. & P.de la Varde) Wijk & Margad. KEN(46).
Weissia controversa var. *pillansii* Schelpe = *Weissia dieterlenii* (82: 263)
- Weissia controversa* var. *wimmeriana*** Sendtn. TAN(7833).
Weissia crispata (Nees & Hornsch.) Müll.Hal. = *Weissia fallax* (4926: 188) (= *Weissia controversa*)
- Weissia cucullata*** Müll.Hal. SAF(1531,8328).
Weissia cucullata P.de la Varde *nom. inval. (non Müll.Hal.)* = *Trichostomum crispulum* (2666)
Weissia curvirostris Lam. & DC., *nom. illeg. incl. spec. prior.* = *Bryoerythrophyllum recurvirostrum* [1521]
Weissia curvirostris Müll.Hal., *hom. illeg.* = *Hymenostylium recurvirostrum* [1521]
Weissia cylindrica Bruch ex Brid. = *Trichostomum tenuirostre* (82: 259)
Weissia dieterlenii Thér., *nom. inval. err.* = *Weissia dieterlenii* [1521]
- Weissia dieterlenii*** Thér. LES(1531,4897), SAF(1531,8328).
- Weissia edentula*** Mitt. BEN(4302), ROD(4931).
Weissia erosa Hampe ex Müll.Hal. = *Oreoweisia erosa* (82: 127)
Weissia fallax Sehm. = *Weissia controversa* (71: 623)
Weissia fugax Hedw. = *Rhabdoweisia fugax* (1519: 527)
Weissia gracilis Wager & Dixon, *hom. illeg.* = *Didymodon ceratodonteus* (82: 233)
Weissia hildebrandtii Müll.Hal. = *Gyroweisia hildebrandtii* (1521) (= *Hymenostylium hildebrandtii*)
- Weissia humicola*** Müll.Hal. LES(4897), SAF(1531,8328), TAN(46), ZIM(46,5525).
Weissia hyophiloides Wager & Broth. ex Sim, *nom. nud.* = *Hyophila zeyheri* [1911: 474] (= *Trichostomum brachydontium*)
Weissia incerta Mitt. = *Tortula incerta* [1521] (= *Trichostomum incertum*)
Weissia inserta Paris, *nom. inval. err.* = *Tortula incerta* [1521] (= *Trichostomum incertum*)
Weissia kilimandscharica Broth., *nom. nud.* Excluded: an undescribed collection from Tanzania [22: 67; 46:56].
- Weissia latiuscula*** Müll.Hal. LES(4897), MOZ(46), NAM(1531,7155,8024), SAF(1531,8328), ZAM(62), ZIM(46,61,5525).
Weissia latiuscula Müll.Hal. = *Weissia fallax* [1911: 252] (= *Weissia controversa*)
- Weissia lineaeifolia*** Müll.Hal. CAF(47), SUD(3076).
Weissia linearifolia Müll.Hal. ex Paris, *nom. inval. in synon. err.* = *Hymenostomum lineaeifolium* [1521] (= *Weissia lineaeifolia*)
Weissia linguaelata J.Shaw = *Weissia controversa* (82: 265)
Weissia mauritiana Schimp. ex Besch. = *Weissia ayresii* (1294)
Weissia nivalis Brid. = *Campylopus nivalis* (54:124)
Weissia obtusa Brid. = *Splachnobryum obtusum* [1521]
- Weissia opaca*** (Dixon) Magill in Magill & Schelpe TAN(46), ZAM(62), ZIM(46,61).
Weissia oranica Müll.Hal. = *Weissia crispata* (1911: 252) (= *Weissia controversa*)
Weissia pallidiseta Brid. = *Microdus pallidisetus* [1521] (= *Leptotrichella pallidiseta*)
- Weissia papillosa*** Dixon & Naveau ANG(46), ZAI(65).
Weissia pentasticha (Brid.) Hedw. ex Brid., *nom. inval. in synon.* = *Conostomum pentastichum* [1521]
Weissia phascoides (Hook.) Hampe = *Garckea phascoides* [1521] (= *Garckea flexuosa*)
Weissia pomiformis Hook. = *Hypodontium pomiforme* (82: 172)
Weissia pulicaris Besch., *nom. nud.* = *Hymenostomum pulicare* [1521] (= *Trichostomum pulicare*)
Weissia punctulata Mitt. = *Hyophila punctulata* [4250: 1366]
Weissia recurvirostris (Hedw.) Dixon = *Bryoerythrophyllum recurvirostrum* (82: 248)
Weissia reticulata Hook. Excluded: this taxon was described from collections from Ethiopia, but was then included by Müller in a new taxon *Mielichhoferia clavata* Bruch & Schimp. ex Müll.Hal. which now additionally included collections from South Africa. *Index Muscorum* treats these as two separate taxa, but there does not appear to be any conclusion as to the accuracy of the distribution data, and there is still taxonomic activity in this area. See Sim [1911: 317] for other synonyms. A conclusion is still awaited.
- Weissia ricciae*** Brid. REU(105).

- Weissia rigescens* Müll.Hal. = *Hymenostylium rigescens* (1521)
Weissia roscheri (Lorentz) Mitt. = *Semibarbula orientalis* [1509: 135] (= *Barbula indica*)
- Weissia rutilans*** (Hedw.) Lindb. ETH(50).
- Weissia socotrana*** Mitt. ETH(50), KEN(46), SOC(40,2374,5613), ZIM(46).
Weissia tenella Schimp. ex Paris, *nom. nud.* Excluded: an undescribed collection from Cape, South Africa.
- Weissia termitidarum*** Müll.Hal. SUD(3076).
Weissia tophacea Paris, *nom. inval., err.* = *Gyroweisia tophicola* [1521] (= *Hymenostylium recurvirostrum*)
Weissia tophicola Müll.Hal. = *Gyroweisia tophicola* (1521) (= *Hymenostylium recurvirostrum*)
Weissia tortilis Spreng. = *Weissia controversa* [2584: 651]
Weissia tortilis var. *fallax* (Sehlm.) Moenk. = *Weissia fallax* [1521] (= *Weissia controversa*)
Weissia uncinata Brid. = *Macromitrium fimbriatum* [77: 309]
Weissia unguiculata (Mitt.) Crundw. & Nyholm = *Trichostomum unguiculatum* (1420)
Weissia vaginans Brid., *nom. illeg. incl. spec. prior.* = *Holomitrium cylindraceum* (40: 197)
Weissia vallis-gratiae Müll.Hal. = *Weissia controversa* (82: 265)
Weissia vardei Bizot = *Trichostomum crispulum* (2666)
Weissia verticillata Brid., *nom. illeg. incl. spec. prior.* = *Eucladium verticillatum* [1521]
Weissia viridula Hedw. ex Brid., *nom. illeg. incl. spec. prior.* = *Weissia controversa* (1521)
Weissia viridula var. *brachycarpa* (Müll.Hal.) Dixon (*non* Nees & Hornsch.) = *Weissia dieterlenii* (82: 263)
Weissia viridula var. *longifolia* Broth. & Wager = *Weissia controversa* (82: 265)
Weissia viridula var. *longifolia* Thér. & P.de la Varde, *hom. illeg.* = *Weissia controversa* var. *macrophylla* (1521)
Weissia viridula var. *macrophylla* Thér. & P.de la Varde, *hom. illeg.* = *Weissia controversa* var. *macrophylla* [1521]
Weissia viridula var. *mucronata* Müll.Hal. = *Weissia rutilans* [2584: 652]
Weissia viridula var. *nitida* Renaud & Cardot = *Weissia controversa* [3492: 68]
Weissia viridula var. *sclerodonta* Hampe ex Wager = *Weissia controversa* [5362: 38]
Weissia viridula var. *stereodon* Müll.Hal. ex Paris, *nom. nud.* = *Weissia controversa* [3492: 68]
Weissia viridula var. *tortilis* (Spreng.) Wager = *Weissia controversa* [2584: 651]
Weissia vulcanica Brid., *nom. illeg. incl. spec. prior.* = *Aongstroemia filiformis* (82: 118)
- Wijkia albescens*** (Thér. & P.de la Varde) H.A.Crum CAF(47), GAB(47).
- Wijkia bessonii*** (Renaud & Cardot) H.A.Crum MDG(40).
- Wijkia cuynetii*** (Bizot) W.Schultze-Motel CMN(47), IVO(44), KEN(46), TAN(46).
- Wijkia jungneri*** (Broth.) H.A.Crum BUR(65), CMN(47), ETH(1927), GAB(47), IVO(1880), TAN(46), ZAI(65).
- Wijkia letestui*** (Thér. & P.de la Varde) H.A.Crum GAB(47).
- Wijkia madagassa*** (Thér.) H.A.Crum MDG(40).
- Wijkia monodii*** (P.de la Varde) H.Akiyama CMN(47,8360), SAO(47,8360).
- Wijkia protensa*** (Renaud & Cardot) H.A.Crum REU(105,3410).
- Wijkia rutenbergii*** (Müll.Hal.) H.A.Crum MDG(40), TAN(46).
- Wijkia rutenbergii*** var. *eflagellaris* (Cardot) H.A.Crum MDG(40).
- Wijkia trichocolea*** (Müll.Hal.) H.A.Crum BIO(8180), ETH(111,1927), GAB(47), KEN(46,4112,7065), LES(1531), MOZ(46), RIM(4639), RWA(65), SAF(1531,8328), TAN(46), TOG(1878), UGA(46), ZAI(65), ZAM(62), ZIM(46).
- Wijkia trichocolea*** ssp. *subintegrifolia* (Thér. & P.de la Varde) H.A.Crum GAB(47).
- Wijkia trichocoleoides*** (Müll.Hal.) H.A.Crum BIO(8180), CMN(47), KEN(46,5315), NGA(5160), RWA(65), SAO(47), TAN(46), ZAI(65).
- Wijkiella kenyae*** Bizot & Lewinsky KEN(46).
- Wilsoniella crispidens*** Müll.Hal. ex Broth. CMN(47).
- Zelometeorium ambiguum*** (Hornsch. in Mart.) Manuel ZAI(1890).
Zygodon affinis Rehmann ex Dixon & A.Gepp, *nom. nud.* = *Zygodon erosus* [1077: 103]
Zygodon africanus Sim = *Zygodon erosus* [1077: 63; 1519: 485]
Zygodon argutidens Broth. in Mildbr. = *Zygodon reinwardtii* var. *reinwardtii* [1077: 119]
- Zygodon barbuloides*** Broth. ex Malta TAN(46).
Zygodon bolleanus Müll.Hal. = *Anoetangium aestivum* [2666]
Zygodon bollei Müll.Hal. ex Kindb., *nom. illeg. incl. spec. prior.* = *Anoetangium aestivum* [2666]
Zygodon borbonicus Besch. = *Zygodon reinwardtii* [1077: 119]
Zygodon borbonicus var. *ruwenzorensis* Thér. & Naveau = *Zygodon reinwardtii* var. *ruwenzorensis* [1521]
Zygodon brownii Schwaegr. = *Zygodon intermedius* [1077: 75, 78]
Zygodon cernuus Müll.Hal. Excluded: type specimen (only collection) not located (1519: 486)
Zygodon commutatus Müll.Hal., *nom. nud. in synonym.* = *Zygodon schimperi* [1077: 58]
Zygodon compactus Müll.Hal., *hom. illeg.* = *Amphidium aestivum* [2584: 683]
- Zygodon conoideus*** (Dicks.) Hook. & Taylor CVI(2666,6453).

- Zygodon conoideus* var. *latifolius*** Brid. MAU(105).
Zygodon cyathicarpus Mont. = *Amphidium tortuosum* (1519: 487)
- Zygodon dioicus*** Broth. RWA(65), TAN(46), UGA(4282), ZAI(65).
Zygodon dusenii Müll.Hal. ex Paris, *nom. nud.* = *Zygodon intermedius* var. *dusenii* [1521]
- Zygodon elatum*** (Dixon) Goffinet KEN(46).
- Zygodon erosus*** Mitt. KEN(46), SAF(1531,4897,8328), TAN(46), ZAI(65).
- Zygodon erosus* var. *circinatifolius*** Thér. & Naveau ZAI(65).
- Zygodon fragilifolius* var. *fragilifolius*** Broth. ex Malta RWA(65), TAN(46), UGA(46), ZAI(65).
- Zygodon fragilifolius* var. *papillosus*** Goffinet ETH(111), KEN(46,136), RWA(65), TAN(46), UGA(46), ZAI(65).
Zygodon gemmaceus Dixon ex Kis, *orthog. err.* = *Zygodon microgemmaceus*. Note: transcription error in (46).
- Zygodon hirsutus*** G.Negri UGA(46).
- Zygodon intermedius*** Bruch, Schimp. & W.Gümbel BIO(8180), CMN(47), ETH(1927), KEN(46,136,3412,5315), LES(4897), REU(758), RWA(65), SAF(1531,7766,8328), TAN(46), UGA(46), ZAI(65), ZAM(62).
- Zygodon intermedius* var. *dusenii*** Malta CMN(47).
- Zygodon intermedius* var. *strictifolius*** Thér. RWA(65), UGA(46), ZAI(65).
- Zygodon johnstonii*** Broth. ex Malta TAN(46).
Zygodon kilimandscharicus Müll.Hal. = *Amphidium cyathicarpum* [4872: 17] (= *Amphidium tortuosum*)
Zygodon lapponicus (Hedw.) Bruch, Schimp. & W.Gümbel = *Amphidium lapponicum* (1519: 489)
- Zygodon laxifolius*** Thér. MDG(40).
- Zygodon leptobolax*** Müll.Hal. SAF(1531,8328).
- Zygodon leptocarpus*** Thér. MDG(40).
Zygodon macleanus Rehm ex Kindb., *nom. nud.* = *Amphidium cyathicarpum* [1911: 267] (= *Amphidium tortuosum*)
- Zygodon macrocarpum*** (Dixon) Goffinet KEN(46).
Zygodon madagassus Schimp. ex C.H.Wright, *nom. nud.* = *Zygodon reinwardtii* var. *madacassus* [1521]
- Zygodon microgemmaceus*** Dixon UGA(46).
Zygodon mildbraedii Broth. = *Zygodon trichomitrius* var. *mildbraedii* [1521]
Zygodon obtusifolius Hook. = *Bryomaltaea obtusifolia* (4605)
Zygodon perpusillus Thwaites & Mitt. = *Rhachithecium perpusillum* (1519: 459)
Zygodon perreflexus Müll.Hal. Excluded: type not located, and a contemporary specimen given this name is *Zygodon leptobolax*.
Zygodon preissianus Hampe = *Triquetrella papillata* (1420)
Zygodon pungens Müll.Hal = *Codonoblepharon pungens* (4605)
Zygodon rehmannii Müll.Hal. ex Geh., *nom. nud.* = *Zygodon trichomitrius* [4378: 115]
- Zygodon reinwardtii* var. *madacassus*** Cardot MDG(40).
- Zygodon reinwardtii* var. *reinwardtii*** (Hornsch.) A.Braun BIO(8180), KEN(46), MDG(40), REU(105), RWA(46), TAN(46), UGA(46), ZAI(65).
- Zygodon reinwardtii* var. *ruwenzorensis*** (Thér. & Naveau) Demaret ZAI(65).
- Zygodon robustus*** Broth. ex Malta TAN(46).
- Zygodon roccatii*** G.Negri RWA(65), UGA(46).
- Zygodon roccatii* var. *diffusus*** G.Negri UGA(46).
Zygodon rugifolius Müll.Hal. ex Geh., *nom. nud.* = *Macromitrium schlotheimiaeforme* [6793: 241] (= *Cardotiella secunda*)
- Zygodon runcinatus*** Müll.Hal. SAF(1531,8328), TAN(46).
- Zygodon schimperi*** Hampe ex Müll.Hal. ETH(50).
- Zygodon semitortus*** Mitt. CMN(47), ZAI(65).
- Zygodon seriatus*** Thér. & Naveau ETH(50,1927), KEN(46), RWA(46,65), TAN(46), UGA(46), ZAI(65).
Zygodon simii Dixon = *Leptodontium viticulosoides* [2763: 317; 82: 189]
Zygodon strictissimus Rehm ex Geh., *nom. nud.* = *Triquetrella tristicha* [2734: 301]
Zygodon subaffinis Rehm ex Geh., *nom. nud. err.* = *Zygodon erosus* [1077: 63]
Zygodon subcyathicarpus Müll.Hal., *nom. nud.* = *Amphidium cyathicarpum* [6568: 202]
Zygodon torquatus Broth. ex Engl., *nom. nud.* = *Anoetangium torquatum*, *nom. nud.* [1521] (= *Anoetangium brotherusii*)
Zygodon transvaalensis Rehm ex Sim = *Zygodon intermedius* (1519: 481)

Zygodon trichomitrius Hook. & Wilson SAF(1531,3411,4897,7766,8328), TAN(46), ZIM(61).

Zygodon trichomitrius* var. *mildbraedii Broth. RWA(65), TAN(46), UGA(46), ZAI(65)

Zygodon tristichus Müll.Hal. = *Triquetrella tristicha* (82: 187)

Zygodon viridatus Müll.Hal. = *Ceratodon viridatus* (1521) (= *Ceratodon purpureus* var. *stenocarpus*)

Zygodon volkensis Broth. = *Zygodon reinwardtii* [1077: 119]

Zygodon welwitschii Duby = *Ulea welwitschii* (1521) (= *Rhachithecium welwitschii*)

Zygodon wilmsianus Müll.Hal. = *Anoetangium wilmsianum* (82: 181)

Zygodon wolkensis Broth. ex Paris, *nom. inval. err.* = *Zygodon reinwardtii* [1077: 119]

References

Use this table to translate the numeric references given in the text of this paper to the 'author + year' equivalent. As the references are identified uniquely by a number, suffices are not added when author+date are not unique (e.g. nos. 1 & 2, Argent 1973). All references after number (7487) were added for this version and any lower number references added for this version are marked with an asterisk (*). The alphabetic list of references follows the table. 395 references are added in this version to the 455 in version 4, less one deleted, to give 849 in total.

1	Argent 1973	73	Bruggeman-Nannenga <i>et al.</i> 1990
2	Argent 1973	74	Bizot <i>et al.</i> 1979
4	Bizot 1976	75	Pursell 1979
6	Bizot <i>et al.</i> 1974	76	Pursell <i>et al.</i> 1992
* 9	Brotherus 1897	77	Bridel-Brideri 1827
* 10	Brotherus 1901-1909	79	Tixier 1981
* 11	Brotherus 1924-1925	80	Crosby <i>et al.</i> 1992
12	Buck 1979	81	Delgadillo M. 1973
15	De Sloover 1983	82	Magill 1981
16	Dixon 1938	83	Magill 1987
19	Frahm 1982	85	Pursell 1987
21	Mohamed 1979	89	Bruggeman-Nannenga 1978
22	Lindau 1895	90	Bruggeman-Nannenga 1993
23	Ochi 1972	92	Allen 1987
24	Orbán 1981	93	Allen <i>et al.</i> 1986
* 25	Paris 1904-1906	94	Allen <i>et al.</i> 1986
28	Richards <i>et al.</i> 1968	105	Een 1993b
30	Snider 1975	107	Bizot <i>et al.</i> 1980
32	Touw 1976	108	Bizot <i>et al.</i> 1982
33	Vitt 1980	109	Bizot 1974
34	Zander 1972	111	Bizot <i>et al.</i> 1978
40	Crosby <i>et al.</i> 1983	113	Bremer 1980
44	Frahm 1984	114	Buck 1980
45	Kis 1984	115	O'Shea 1993
46	Kis 1985	116	Dirkse <i>et al.</i> 1993
47	Schultze-Motel 1975	123	Koponen <i>et al.</i> 1972
50	Cufodontis 1951	132	Orbán <i>et al.</i> 1986
51	Jelenc 1955	134	Pócs 1993
52	Jelenc 1967	136	Pócs <i>et al.</i> 1993
53	Magill <i>et al.</i> 1979	146	Ochyra <i>et al.</i> 1988
54	Frahm 1985	162	Ando 1985
56	Hyvönen 1989	169	Ando 1989
57	Edwards 1980	* 174	Bowers 1974
58	Schultze-Motel 1979	175	Buck <i>et al.</i> 1986
59	Eddy 1985	178	De Sloover 1973
61	Best 1990	182	Griffin III <i>et al.</i> 1989
62	Phiri <i>et al.</i> 1985	191	Potier de la Varde 1950
63	Prendergast 1984	194	Potier de la Varde 1951
64	El-Saadawi <i>et al.</i> 1977	207	Imam <i>et al.</i> 1972
65	Born <i>et al.</i> 1993	225	Griffin III 1989
66	O'Shea 1994	* 243	Müller 1858
67	O'Shea 1993	255	Bizot 1968 [?1969]
68	Arts <i>et al.</i> 1990 [1993]	258	Bizot <i>et al.</i> 1979
70	Townsend 1991	259	Bizot <i>et al.</i> 1986
71	Corley <i>et al.</i> 1981	262	Bizot <i>et al.</i> 1952
72	Bruggeman-Nannenga <i>et al.</i> 1990	267	Buck 1977

- 268 Buck 1987
 272 Crosby 1976
 273 Crum 1972 [1973]
 276 Demaret 1955
 * 278 Demaret *et al.* 1951
 279 Demaret *et al.* 1952
 282 De Sloover 1975
 283 De Sloover 1975
 285 De Sloover 1976
 286 De Sloover 1977
 287 De Sloover 1977
 288 De Sloover 1979
 289 De Sloover 1986
 290 De Sloover 1987
 298 Een 1989
 299 Enroth 1991
 301 Enroth 1992
 302 Enroth 1992
 333 Jones 1985
 334 Jones 1985
 344 Van Zanten 1959
 347 Lewinsky 1978
 348 Lin 1983
 349 Long 1986
 354 Ochi 1973
 355 Ochyra *et al.* 1982
 357 Ochyra *et al.* 1985 [1987]
 359 Onraedt 1976
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 361 Orbán 1977
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 363 Orbán 1987
 392 Potier de la Varde 1956
 * 393 Potier de la Varde 1957
 398 Richards 1984
 400 Richards *et al.* 1972
 407 Tosco *et al.* 1956
 408 Stark 1987
 409 Nishimura 1985
 411 Townsend 1987
 453 Tuomikoski *et al.* 1979
 459 Murray 1988
 465 Padberg *et al.* 1985
 481 Frahm 1982
 489 Crundwell *et al.* 1962
 506 Giese *et al.* 1985
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 510 Enroth *et al.* 1994
 580 Dirkse *et al.* 1991
 581 Fife 1985
 595 Kiaer 1883
 * 608 Koponen 1968
 * 616 Meyer 1952
 679 Ando 1993
 687 Bartram 1949
 715 Buck 1980
 717 Buck 1993
 719 Buck *et al.* 1985
 * 747 Demaret *et al.* 1955
 748 Demaret *et al.* 1977
 755 Eddy 1990
 758 Een 1993
 759 Egunyomi 1978
 761 Egunyomi *et al.* 1982
 762 Egunyomi *et al.* 1977
 765 Ellis 1991
 767 Ellis 1991
 773 Enroth 1989
 * 774 Enroth 1990
 780 Enroth 1991
 781 Enroth 1991
 785 Enroth 1993
 787 Enroth 1993
 804 Frahm 1993
 829 Griffin III 1992
 924 He *et al.* 1992
 926 Higuchi 1985
 1036 Koponen 1981
 1065 Lewinsky *et al.* 1990
 1074 Magill 1987b
 1077 Malta 1926
 1082 Menzel *et al.* 1990
 1124 Ochyra 1993
 1125 Orbán 1993
 * 1137 Potier de la Varde 1943
 1149 Salazar Allen 1993
 1157 Sollman 1990
 1158 Sollman 1993
 1202 Zomlefer 1993
 1291 Manuel 1977
 1294 Een 1976
 1295 Hedenäs 1992
 1296 Geheeb 1910
 1300 Enroth 1990
 1336 Koponen 1993
 1338 Sharp *et al.* 1994
 1339 Buck 1989
 1341 Whittemore *et al.* 1989
 1344 Orbán *et al.* 1990
 1346 Tixier 1992
 1347 Ochyra *et al.* 1992
 1349 Ireland *et al.* 1994
 1350 Whitehouse *et al.* 1991
 1357 Corley *et al.* 1991
 1370 Ellis 1987
 1371 Ellis 1988
 1372 Ellis 1988
 1373 Ellis 1989
 1374 Ellis 1989
 1375 Reese 1991
 1386 Enroth 1989
 1393 Frey *et al.* 1988
 1403 Ochyra *et al.* 1992
 1404 Ochyra *et al.* 1992
 1405 Ochyra *et al.* 1992
 1406 Ochyra *et al.* 1992
 1407 Ochyra *et al.* 1993
 1408 Ochyra *et al.* 1993
 1409 Ochyra *et al.* 1993
 1410 Ochyra *et al.* 1993
 1419 Townsend 1984 [1985]
 1420 Zander 1993
 1421 Sollman 1983
 1423 Prendergast 1983

- 1424 Vitt 1980
 1433 Gepp 1901
 1437 Stevenson 1992
 1438 Van Rooy 1990
 1439 Mattila *et al.* 1990
 1442 Ochyra 1989
 1447 Van Rooy *et al.* 1992
 1448 Van Rooy 1991
 1458 Frahm *et al.* 1994
 1460 Sollman 1994
 1470 Pursell *et al.* 1993
 1471 Snider 1987
 1473 Reese 1987
 1474 Reese *et al.* 1987
 1475 Frahm 1986
 1477 Fife 1986
 1485 Reese *et al.* 1985
 1487 Shaw 1985
 1492 Egunyomi 1984
 1494 Van Rooy 1991
 1497 Spence *et al.* 1988
 1500 Ochyra *et al.* 1985
 1502 Touw 1983
 * 1503 Fleischer 1917
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 1506 Müller (C) 1851
 * 1509 Hooker 1820
 1511 Ellis 1991
 1517 Crosby *et al.* 1993
 1518 Ellis 1995
 1519 Magill *et al.* 1998
 1520 Syed 1973
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 1527 Beaver *et al.* 1992
 1531 Perold *et al.* 1993
 1532 Shaw *et al.* 1984
 1533 Ochyra 1994
 1547 Van Rooy 1992
 1552 Leonard 1993
 1554 Catcheside *et al.* 1980
 1562 Frahm 1994
 1565 Crosby 1969
 * 1566 Fleischer 1922
 1567 Potier de la Varde 1939
 1569 Kürschner *et al.* 1990
 1579 Mohamed *et al.* 1985
 1589 Burley *et al.* 1990
 1591 Manuel 1980
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 1595 Churchill *et al.* 1982
 1601 Menzel 1992
 1608 Frey *et al.* 1988
 1617 LaFarge-England 1992
 1618 Renauld 1891
 * 1619 Mildbraed 1922
 1620 Saito 1975
 1621 Ochyra 1992
 1624 Reese *et al.* 1986
 1625 Bescherelle 1895
 1626 Townsend 1969
 1627 Mitten 1887 [1888]
 1628 Mitten 1887
 1629 De Sloover 1982
 1631 Townsend 1978
 1632 Crum 1992
 1635 Anon 1994
 1637 Een 1978
 1639 Bisby *et al.* 1983
 1640 Ochyra 1982
 1641 Frahm 1981
 1642 Vitt 1981
 1644 Crosby *et al.* 1994
 1660 Ros *et al.* 1994
 1663 O'Shea 1995
 1677 Tan 1979
 1680 Fife 1982
 1686 Micheletti 1909
 1707 Pettet 1967
 1708 Reese 1994
 1711 Reese 1994
 1713 Reese *et al.* 1994
 1714 Buck 1994
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 1749 Bizot *et al.* 1990
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 1751 Frahm 1987
 1752 Crosby *et al.* 1977
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 1848 Renauld *et al.* 1915
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 1878 Tixier 1989
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 1886 Bizot 1973
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 1951 Koponen A 1977
 1982 Buck 1988
 2005 Townsend 1971
 2030 De Sloover 1995

- 2033 Orbán 1995
 2041 Townsend 1980
 2059 Cano *et al.* 1993
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Appendix A - Country Abbreviations and totals

There are 65 countries, part-countries or islands on the list. The 'Group / *Index Muscorum* zone' column indicates the *Index Muscorum* zone (e.g. Africa-2), together with the group name to which it belongs in the 'Full name' column, if relevant. You can't calculate a group total (e.g. Seychelles) from the data here, as the same species may occur in more than one of the constituents. The South African divisions are no longer included, following the increase in number of these, and the production of a new country-wide checklist. Some of these totals have fallen since the last version, due to *nomina nuda* etc. being removed from accepted status.

Abb.	Full name	No. of taxa	Group/ <i>Index Muscorum</i> zone
AGA	Agalega Islands	6	Seychelles (Africa-3)
ALD	Aldabra	5	Seychelles (Africa-3)
AMI	Amirante Islands	1	Seychelles (Africa-3)
ANG	Angola	123	Africa-2
ANN	Annobón Is.	17	Equatorial Guinea (Africa-2)
ASC	Ascension Is.	28	Africa-2
BEN	Benin	25	Africa-2
BIO	Fernando Po (Bioko)	189	Equatorial Guinea (Africa-2)
BKN	Burkina Faso	12	Africa-2
BOT	Botswana	25	Africa-4
BUR	Burundi	73	Africa-2
CAB	Cabinda	2	Angola (Africa-2)
CAF	Central African Rep.	277	Africa-2
CGS	Chagos Archipelago	10	Africa-3
CHA	Chad	63	Africa-2
CMN	Cameroon	368	Africa-2
COM	Comoros	190	Africa-3
CON	Congo-Brazzaville	76	Africa-2
CVI	Cape Verde	119	Africa-2
DIE	Diego Garcia	6	Chagos Arch. (Africa-3)
DJI	Djibouti	25	Africa-2
EQG	Equatorial Guinea	231	Africa-2
ERI	Eritrea	66	Africa-2
ETH	Ethiopia	274	Africa-2
GAB	Gabon	244	Africa-2
GAM	Gambia	1	Senegambia (Africa-2)
GHA	Ghana	67	Africa-2
GNB	Guinea Bissau	1	Africa-2
GUI	Guinea	193	Africa-2
IVO	Ivory Coast	191	Africa-2
KEN	Kenya	493	Africa-2
LBR	Liberia	56	Africa-2
LES	Lesotho	227	Africa-4
MAS	Mascarene Islands	567	Africa-3
MAU	Mauritius	253	Mascarenes (Africa-3)
MDG	Madagascar	728	Africa-3
MLI	Mali	19	Africa-2
MLW	Malawi	271	Africa-2
MOZ	Mozambique	80	Africa-2
MTN	Mauritania	7	Africa-2
NAM	Namibia	76	Africa-4
NGA	Nigeria	180	Africa-2
NGR	Niger	8	Africa-2
PRI	Príncipe	14	Africa-2

REU	Réunion	428	Mascarenes (Africa-3)
RIM	Rio Muni	71	Equatorial Guinea (Africa-2)
ROD	Rodrigues	42	Mascarenes (Africa-3)
RWA	Rwanda	286	Africa-2
SAF	South Africa	581	Africa-4
SAO	São Tomé	76	Africa-2
SEG	Senegambia	21	Africa-2
SEN	Senegal	20	Senegambia (Africa-2)
SEY	Seychelles	110	Africa-3
SIE	Sierra Leone	102	Africa-2
SOC	Socotra	50	Africa-2
SOM	Somalia	21	Africa-2
STH	St. Helena	33	Africa-2
SUD	Sudan	96	Africa-2
SWZ	Swaziland	107	Africa-4
TAN	Tanzania	764	Africa-2
TOG	Togo	89	Africa-2
UGA	Uganda	481	Africa-2
ZAI	Zaire (Dem. Rep. Congo)	599	Africa-2
ZAM	Zambia	143	Africa-2
ZIM	Zimbabwe	270	Africa-2

Appendix B - Family Placement

There are 78 families and 362 genera on the checklist. The allocation of genera to families changes frequently with the current activity in molecular phylogenetics, and some of the changes made in the last version have been reversed, and of course new changes have been added. On the whole, family placement is based on Buck & Goffinet (6099), but some changes have been made based on Goffinet & Buck (7882). There are five new genera: *Aptychopsis*, *Bryoxiphium*, *Chionoloma*, *Ischyrodon*, *Pseudotaxiphyllum*; four replacements: *Porothamnium* being replaced by *Porotrichum*, *Pseudosymblepharis* by *Chionoloma*, *Pylaisia* by *Platygyriella*, *Felipponea* by *Pterogoniadelphus* and one (*Stenocardiopsis*) is excluded. Reasons for these changes are in the checklist annotations.

The comparatively neutral, alphabetical view ties in with the forthcoming *Guide to bryophytes of sub-Saharan Africa*. The figures indicate the number of species for each genus found in sub-Saharan Africa.

Adelotheciaceae		<i>Oxyrrhynchium</i>	3		
<i>Adelothecium</i>	1	<i>Palamocladium</i>	1	Cinclidotaceae	
		<i>Platyhypnidium</i>	4	<i>Cinclidotus</i>	1
Amblystegiaceae		<i>Pseudoscleropodium</i>	1		
<i>Amblystegium</i>	4	<i>Rhynchostegiella</i>	14	Cryphaeaceae	
<i>Campyliadelphus</i>	1	<i>Rhynchostegium</i>	24	<i>Cryphaea</i>	5
<i>Campyllum</i>	1	<i>Schimperella</i>	2	<i>Schoenobryum</i>	1
<i>Cratoneuron</i>	1	<i>Scleropodium</i>	1		
<i>Drepanocladus</i>	5	<i>Scorpiurium</i>	2	Daltoniaceae	
<i>Hygrophypnum</i>	1	<i>Squamidium</i>	1	<i>Calypstrochaeta</i>	2
<i>Limprichtia</i>	1	<i>Zelometeorium</i>	1	<i>Daltonia</i>	18
<i>Sanionia</i>	1			<i>Distichophyllidium</i>	1
<i>Vittia</i>	1	Bruchiaceae		<i>Distichophyllum</i>	7
		<i>Bruchia</i>	3		
Andreaeaceae		<i>Trematodon</i>	24	Dicranaceae	
<i>Andreaea</i>	14			<i>Anisothecium</i>	4
		Bryaceae		<i>Aongstroemia</i>	4
Anomodontaceae		<i>Anomobryum</i>	11	<i>Aongstroemiopsis</i>	1
<i>Anomodon</i>	2	<i>Brachymenium</i>	34	<i>Atractyllocarpus</i>	2
<i>Herpetineuron</i>	1	<i>Bryum</i>	92	<i>Brothera</i>	1
		<i>Perssonia</i>	1	<i>Bryotestua</i>	2
Archidiaceae		<i>Plagiobryum</i>	3	<i>Campylopodium</i>	1
<i>Archidium</i>	13	<i>Rhodobryum</i>	5	<i>Campylopus</i>	50
				<i>Cladophascum</i>	1
Aulacomniaceae		Bryobartramiaceae		<i>Dicranella</i>	25
<i>Aulacomnium</i>	3	<i>Bryobartramia</i>	1	<i>Dicranoloma</i>	6
				<i>Dicranum</i>	6
Bartramiaceae		Bryoxiphiaceae		<i>Holomitrium</i>	14
<i>Anacolia</i>	6	<i>Bryoxiphium</i>	1	<i>Hymenoloma</i>	1
<i>Bartramia</i>	16			<i>Leptotrichella</i>	10
<i>Breutelia</i>	18	Calliergonaceae		<i>Leucoloma</i>	90
<i>Conostomum</i>	2	<i>Warnstorfia</i>	3	<i>Microcampylopus</i>	1
<i>Flowersia</i>	1			<i>Oreoweisia</i>	1
<i>Leiomela</i>	1	Calymperaceae		<i>Paraleucobryum</i>	1
<i>Philonotis</i>	73	<i>Calymperes</i>	20	<i>Pilopogon</i>	1
<i>Plagiopus</i>	1	<i>Chameleion</i>	1	<i>Platyneuron</i>	1
		<i>Leucophanes</i>	9	<i>Pocsiella</i>	1
Brachytheciaceae		<i>Mitthyridium</i>	7	<i>Pseudephemerum</i>	1
<i>Aerolindigia</i>	1	<i>Octoblepharum</i>	3	<i>Sphaerothecium</i>	1
<i>Brachythecium</i>	34	<i>Syrrophodon</i>	40		
<i>Eurhynchium</i>	12			Diphysciaceae	
<i>Homalothecium</i>	1	Catagoniaceae		<i>Diphyscium</i>	1
<i>Kindbergia</i>	5	<i>Catagonium</i>	2		

Ditrichaceae		<i>Neosharpiella</i>	1	<i>Leptopterigynandrum</i>	1
<i>Astomiopsis</i>	2	<i>Oedipodiella</i>	1	<i>Leskea</i>	3
<i>Ceratodon</i>	2	Grimmiaceae		<i>Leskeella</i>	1
<i>Cheilothela</i>	2	<i>Grimmia</i>	22	<i>Lindbergia</i>	4
<i>Chrysoblastella</i>	1	<i>Indusiella</i>	1	<i>Pseudoleskea</i>	10
<i>Distichium</i>	2	<i>Leucoperichaetium</i>	1	<i>Pseudoleskeopsis</i>	4
<i>Ditrichum</i>	11	<i>Racomitrium</i>	6	<i>Schwetschkea</i>	7
<i>Eccremidium</i>	1	<i>Schistidium</i>	8	Leucobryaceae	
<i>Garckea</i>	5	Hedwigiaceae		<i>Leucobryum</i>	34
<i>Kleioweisiopsis</i>	1	<i>Braunia</i>	8	<i>Ochrobryum</i>	3
<i>Pleuridium</i>	6	<i>Bryowijkia</i>	1	Leucodontaceae	
<i>Saelania</i>	1	<i>Hedwigia</i>	2	<i>Antitrichia</i>	1
<i>Tristichium</i>	1	<i>Hedwigidium</i>	1	<i>Leucodon</i>	6
<i>Wilsoniella</i>	1	Hookeriaceae		<i>Pterogoniadelphus</i>	1
Encalyptaceae		<i>Hookeria</i>	2	<i>Pterogonium</i>	3
<i>Encalypta</i>	6	Hylocomiaceae		Leucomiaceae	
Entodontaceae		<i>Hylocomium</i>	1	<i>Leucomium</i>	1
<i>Campylodontium</i>	1	<i>Leptohymenium</i>	1	Meesiaceae	
<i>Entodon</i>	21	<i>Loeskeobryum</i>	1	<i>Leptobryum</i>	2
<i>Erythrodonium</i>	14	<i>Pleurozium</i>	1	Meteoriaceae	
<i>Mesonodon</i>	1	Hypnaceae		<i>Aerobryopsis</i>	3
<i>Pylaisiobryum</i>	1	<i>Bryocrumia</i>	1	<i>Barbella</i>	3
Ephemeraceae		<i>Bryosedgwickia</i>	1	<i>Diaphanodon</i>	1
<i>Ephemerum</i>	6	<i>Calliergonella</i>	1	<i>Floribundaria</i>	6
<i>Micromitrium</i>	3	<i>Chryso-hypnum</i>	3	<i>Papillaria</i>	11
<i>Nanomitriopsis</i>	1	<i>Ectropothecium</i>	50	<i>Trachypodopsis</i>	4
Erpodiaceae		<i>Entodontella</i>	1	<i>Trachypus</i>	4
<i>Erpodium</i>	12	<i>Gammiella</i>	1	Mniaceae	
Eustichiaceae		<i>Glossadelphus</i>	3	<i>Epipterygium</i>	3
<i>Eustichia</i>	1	<i>Herzogiella</i>	3	<i>Mielichhoferia</i>	15
Fabroniaceae		<i>Hypnum</i>	16	<i>Mniobryum</i>	4
<i>Anacamptodon</i>	3	<i>Isopterygiopsis</i>	2	<i>Plagiomnium</i>	4
<i>Dimerodontium</i>	2	<i>Mittenothamnium</i>	19	<i>Pohlia</i>	23
<i>Fabronia</i>	35	<i>Phyllodon</i>	3	<i>Pseudopohlia</i>	1
<i>Ischyron</i>	1	<i>Platygyriella</i>	2	<i>Schizymenium</i>	8
<i>Leptoischyron</i>	1	<i>Pseudotaxiphyllum</i>	1	Myriniaceae	
<i>Levierella</i>	1	<i>Rhacopilopsis</i>	2	<i>Helicodontium</i>	5
<i>Rhizofabronia</i>	3	<i>Taxiphyllum</i>	6	Neckeraceae	
Fissidentaceae		<i>Vesicularia</i>	46	<i>Caduciella</i>	1
<i>Fissidens</i>	151	<i>Wijkiella</i>	1	<i>Cryptoleptodon</i>	2
Fontinalaceae		Hypopterygiaceae		<i>Himantocladium</i>	2
<i>Fontinalis</i>	4	<i>Cyathophorum</i>	1	<i>Homaliodendron</i>	3
Funariaceae		<i>Hypopterygium</i>	1	<i>Neckera</i>	9
<i>Cygnicollum</i>	1	<i>Lopidium</i>	1	<i>Neckeropsis</i>	8
<i>Entosthodon</i>	27	Lembophyllaceae		<i>Pinnatella</i>	2
<i>Funaria</i>	17	<i>Orthostichella</i>	3	<i>Porotrichum</i>	9
<i>Goniomitrium</i>	2	<i>Pilotrichella</i>	36	<i>Thamnobryum</i>	3
<i>Loiseaubryum</i>	1	Leptodontaceae		Orthodontiaceae	
<i>Physcomitrella</i>	1	<i>Leptodon</i>	3	<i>Orthodontium</i>	4
<i>Physcomitrellopsis</i>	1	<i>Forsstroemia</i>	1	Orthotrichaceae	
<i>Physcomitrium</i>	11	Leskeaceae		<i>Bryomaltaea</i>	1
Gigaspermaceae		<i>Bryohaplocladium</i>	1	<i>Cardotiella</i>	5
<i>Chamaebryum</i>	1	<i>Claopodium</i>	1	<i>Codonoblepharon</i>	3
<i>Gigaspermum</i>	1	<i>Haplocladium</i>	2	<i>Groutiella</i>	2
		<i>Hylocomiopsis</i>	1		

<i>Leiomitrium</i>	1	<i>Pottia</i>	2	<i>Tisserantiella</i>	1
<i>Macrocoma</i>	4	<i>Pseudocrossidium</i>	4	Rhacocarpaceae	
<i>Macromitrium</i>	51	<i>Pterygoneurum</i>	1	<i>Rhacocarpus</i>	2
<i>Orthotrichum</i>	17	<i>Scopelophila</i>	2	Rhizogoniaceae	
<i>Schlotheimia</i>	53	<i>Splachnobryum</i>	3	<i>Leptotheca</i>	1
<i>Stoneobryum</i>	1	<i>Streptocalyptra</i>	1	<i>Pyrrohobryum</i>	4
<i>Ulota</i>	3	<i>Streptopogon</i>	2	Rhytidiaceae	
<i>Zygodon</i>	31	<i>Syntrichia</i>	23	<i>Rhytidium</i>	1
Phyllogoniaceae		<i>Tetrapterum</i>	1	Rigodiaceae	
<i>Phyllogonium</i>	3	<i>Timmiella</i>	5	<i>Rigodium</i>	1
Pilotrichaceae		<i>Tortella</i>	12	Rutenbergiaceae	
<i>Actinodontium</i>	2	<i>Tortula</i>	25	<i>Neorutenbergia</i>	1
<i>Callicostella</i>	27	<i>Trachycarpidium</i>	1	<i>Rutenbergia</i>	6
<i>Cyclodictyon</i>	24	<i>Trichostomum</i>	21	Seligeriaceae	
<i>Hookeriopsis</i>	8	<i>Triquetrella</i>	1	<i>Blindia</i>	2
<i>Lepidopilidium</i>	15	<i>Uleobryum</i>	1	<i>Brachydontium</i>	1
<i>Lepidopilum</i>	5	<i>Weisiopsis</i>	2	Sematophyllaceae	
<i>Thamniopsis</i>	3	<i>Weissia</i>	24	<i>Acanthorrhynchium</i>	1
Plagiotheciaceae		Prionodontaceae		<i>Acroporium</i>	15
<i>Plagiothecium</i>	12	<i>Prionodon</i>	3	<i>Aptychopsis</i>	1
Polytrichaceae		Pterigynandraceae		<i>Clastobryophilum</i>	1
<i>Atrichum</i>	1	<i>Trachyphyllum</i>	4	<i>Donnellia</i>	3
<i>Oligotrichum</i>	3	Pterobryaceae		<i>Macrohymenium</i>	4
<i>Pogonatum</i>	10	<i>Calyptothecium</i>	9	<i>Meiothecium</i>	9
<i>Polytrichastrum</i>	1	<i>Henicodidium</i>	1	<i>Papillidiopsis</i>	2
<i>Polytrichum</i>	14	<i>Hildebrandtiella</i>	5	<i>Radulina</i>	1
Pottiaceae		<i>Jaegerina</i>	10	<i>Rhaphidorrhynchium</i>	8
<i>Acaulon</i>	4	<i>Orthostichidium</i>	2	<i>Rhaphidostichum</i>	1
<i>Aloina</i>	3	<i>Orthostichopsis</i>	9	<i>Sematophyllum</i>	61
<i>Anoectangium</i>	25	<i>Pterobryon</i>	2	<i>Trichosteleum</i>	40
<i>Astomum</i>	1	<i>Pterobryopsis</i>	2	<i>Warburgiella</i>	1
<i>Barbula</i>	26	<i>Renauldia</i>	5	Serpotortellaceae	
<i>Bellibarbula</i>	1	Ptychomitriaceae		<i>Serpotortella</i>	2
<i>Bryocephospora</i>	1	<i>Ptychomitriopsis</i>	2	Sphagnaceae	
<i>Bryoerythrophyllum</i>	6	<i>Ptychomitrium</i>	11	<i>Sphagnum</i>	27
<i>Chionoloma</i>	1	Pylaisiadelphaceae		Splachnaceae	
<i>Crossidium</i>	4	<i>Heterophyllum</i>	3	<i>Brachymitrium</i>	3
<i>Didymodon</i>	23	<i>Isopterygium</i>	64	<i>Splachnum</i>	1
<i>Eucladium</i>	1	<i>Taxithelium</i>	35	<i>Tayloria</i>	7
<i>Gymnostomiella</i>	4	<i>Wijkia</i>	13	<i>Tetraplodon</i>	1
<i>Gymnostomum</i>	9	Racopilaceae		Stereophyllaceae	
<i>Gyroweisia</i>	1	<i>Racopilum</i>	32	<i>Entodontopsis</i>	5
<i>Henediella</i>	3	Regmatodontaceae		<i>Juratzkaea</i>	1
<i>Husnotiella</i>	1	<i>Regmatodon</i>	1	<i>Stereophyllum</i>	5
<i>Hymenostomum</i>	1	Rhabdoweisiaceae		Symphyodontaceae	
<i>Hymenostylium</i>	9	<i>Amphidium</i>	4	<i>Chaetomitrium</i>	4
<i>Hyophila</i>	28	<i>Cynodontium</i>	1	<i>Symphyodon</i>	1
<i>Hypodontium</i>	2	<i>Dicranoweisia</i>	1	<i>Trachythecium</i>	1
<i>Leptodontium</i>	14	<i>Rhabdoweisia</i>	4	Thuidiaceae	
<i>Leptophascum</i>	1	Rhachithecaceae		<i>Abietinella</i>	1
<i>Luisierella</i>	1	<i>Hypnodontopsis</i>	1		
<i>Microbryum</i>	3	<i>Jonesiobryum</i>	2		
<i>Microcrossidium</i>	1	<i>Rhachithecopsis</i>	1		
<i>Molendoa</i>	2	<i>Rhachithecium</i>	2		
<i>Neophoenix</i>	1				
<i>Phascum</i>	1				
<i>Plaubelia</i>	1				
<i>Pleurochaete</i>	3				

<i>Pelekium</i>	10	<i>Thuidium</i>	5	<i>Wardia</i>	1
<i>Raiiella</i>	1				
<i>Thuidiopsis</i>	1	Wardiaceae			

