

## Checklist of the mosses of sub-Saharan Africa

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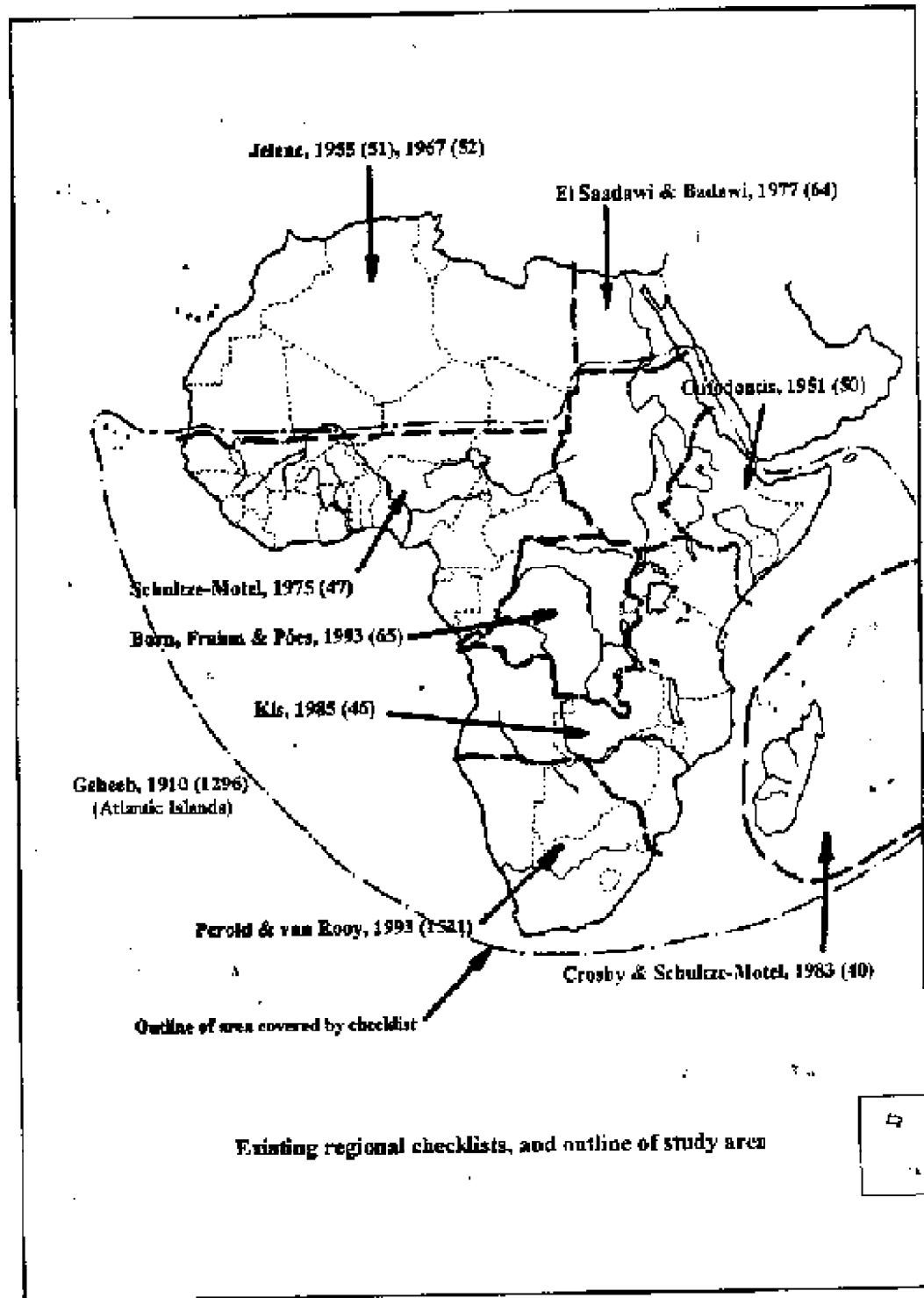
**Abstract.** 2939 moss taxa are listed for sub-Saharan Africa and adjacent islands, with distribution by country. Each distribution record is supported by a literature reference. The following new combinations are made: *Calypstrochaeta cristata* (Hedw.) O'Shea, *Groutiella elimbata* (Thér.) O'Shea, *Meiothecium undulatum* (Ren. & Card.) O'Shea, *Orthodontium ruwenzorensis* (Thér. & Nav.) O'Shea, *Pohlia lacouturei* (Thér.) O'Shea, *Sematophyllum corticolum* (Aongstr.) O'Shea, *Sematophyllum dixonii* (Thér.) O'Shea, *Sematophyllum nanopyxis* (Geh.) O'Shea, *Sematophyllum rigescens* (Card.) O'Shea, and *Thamnobryum malgachum* (Card.) O'Shea.

### **Introduction**

Identifying mosses collected on the BBS Tropical Bryology Group expedition to Mulanje Mountain, Malawi, in 1991 proved difficult because the available literature was so diverse and it was difficult to know which taxa were worth pursuing in the literature as possible identifications for our material. Although there was a great deal of expertise available, there seemed no published view available of the recorded bryoflora. 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 being produced, which should be published shortly (84). [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.]

The need for checklists containing "current names" (rather than just a list of all names ever created) 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, important 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-2 is excluded to the north (the Sahelian area within the tropics), and 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* and *Flora of Southern Africa* areas, by excluding Mauritania, and including the islands of Cape Verde, Ascension and St. Helena.

All African countries apart from Sudan have been covered by checklists although some of these are now rather old (see map). All of these have been entered into a database, and updated with later publications. The publications on which the list is based are shown in the references. 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 references and have instead just given the name of the list - 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 2939 taxa, with over 9000 taxon/country occurrences - an average of 3 countries (or part countries) per taxon. All taxa in the source lists 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 thus 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, but clearly a large number of taxa still to tackle. In other areas work has hardly begun, such as Sematophyllaceae and parts of Hymenaceae, 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. This system is available to anyone requiring it, but it is being continually enhanced, and so potential users should contact the author for the latest version.

Although I have checked this list back against the source documents, this project has taken some time, and has led to considerable manipulation of data to take account of synonyms and new publications, and what was once correct may no longer be so. Please let me know of any mistakes.

This checklist is expected to be a source and foundation for future work, rather than a final statement. Future updates are planned.

#### Assumptions, Comments & Compromises

A list this size cannot be produced without taking a pragmatic view, and some will disagree with the approach I have taken in some areas. 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 shown on the map. Taxa mentioned in *Index Muscorum* as occurring in Africa-2, 3 or 4 are not included unless they have appeared in a country list. Records not localised to a country have been ignored, and taxa that are not identified at least to subspecies or variety level (i.e. forms) are marked as excluded. The basic list has then been enhanced by data

from references published since the original country lists.

- Where the source information does not provide sufficient detail, group names have been used (e.g. Senegambia, for Senegal + Gambia). Where there is sufficient detail, and the units are sufficiently large, intra-country divisions have been used (e.g. South Africa is divided into four regions), and also where the parts are particularly isolated (e.g. the two major islands belonging to Equatorial Guinea, Fernando Po (Bioko) and Annobon are recorded separately from mainland Rio Muni). When it is not clear where all the records are from, the group name may be used in conjunction with an island or 'part-country' name (e.g. MAS(40), REU(105)).
- Where there is more than one reference for the occurrence of a taxon in a country, I have not in all 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 references seen up to the end of February 1995 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 *R. spathulatum* are in fact *R. ontariense*. I hope I have managed to identify most of such cases.
- Where names from the source lists have been synonymised, the original names under which taxa were collected have not been included in the distribution data; this data should be available in the source reference. Synonyms are only 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 not be possible to work back from a reference to the original names(s) under which it was collected, other than by working from the source document.
- No distinction has been made between

nomenclatural and taxonomic synonyms.

- I have found a number of taxa that do not appear in *Index Muscorum* (1521), or the *Index of Mosses* (80, 1644). The status of such taxa is not always clear (although usually *nomina nuda*), and they tend to get missed from taxonomic revisions.
- I have made no judgement on the age of records - all apparently valid records have been accepted.

### New combinations

During the compilation of this Checklist, a number of taxa were noticed that appeared to be in need of names in different genera. This situation has occurred for two reasons:

- nomenclatural changes have been made that leave 'orphaned' varieties or other sub-taxa, e.g. *Drepanocladus fluitans* has been transferred to the genus *Warnstorfia*, but its variety *monodii* was not included in the transfer, and nor was it synonymised;
- where taxa have been transferred *en bloc* from one genus to another (for instance because of the discovery of an earlier valid name for the genus) sometimes taxa have been left behind, e.g. *Eriopus cristata* was not transferred to *Calyptrochaeta* when *Eriopus* was made a synonym of *Calyptrochaeta*.

In the first case I have left the taxon in its original genus, with a note pointing to the correct location if the variety proves to be distinct. In the second case I have made new combinations.

There are a number of *nomina nuda* on the checklist that also need a change of name, but these have been commented on in the checklist text, and are not covered here.

My intention is to leave the taxonomic problems (if any) clearer. I appreciate that these transfers may detract from the taxonomic purity of the receiving genus, but I feel it is better than leaving taxa in an 'invalid' genus. If they are not valid taxa they should have been synonymised or excluded as part of the original transfer. Keeping them visible in this way may help resolve their status.

*Calypstrochaeta cristata* (Hedw.) O'Shea, **comb. nov.**

Basionym: *Leskea cristata* Hedw., *Spec. Musc.* 2:211. 49. 1801.

[Subsequently recombined as *Eriopus cristatus* (Hedw.) Brid., *Bryol. Univ.* 2:788. 1827.]

*Eriopus* C.Müll. *nom. illeg.* has been replaced by *Calypstrochaeta* Desvaux (1521).

*Groutiella elimbata* (Thér.) O'Shea, **comb. nov.**

Basionym: *Micromitrium elimbatum* Thér., *Recueil Publ. Soc. Havraise Étud. Div.* 1929:113. ic. 1930.

*Micromitrium* Schimp. in Besch. is a synonym of *Groutiella* Steere (1521).

*Meiothecium undulatum* (Ren. & Card.) O'Shea, **comb. nov.**

Basionym: *Pterogoniella undulata* Ren. & Card., *Prodr. Fl. Bryol. Madag. Suppl.* 67. 1909.

*Pterogoniella* Schimp. in Broth. has been replaced by *Meiothecium* Mitt. (1521)

*Orthodontium ruwenzorensis* (Thér. & Nav.) O'Shea, **comb. nov.**

Basionym: *Stableria ruwenzorensis* Thér. & Nav., *Bull. Soc. R. Bot. Belg.* 60:34. 15. 1927.

*Stableria* Lindb. ex Braithw. is a synonym of *Orthodontium* Schwaegr. sect. *Stableria* (Braithw.) Meijer (1521).

*Pohlia lacouturei* (Thér.) O'Shea, **comb. nov.**

Basionym: *Webera lacouturei* Thér., *Recueil Publ. Soc. Havraise Étud. Div.* 89:124. ic. 1922.

*Webera* Hedw. *hom. illeg.* is replaced by *Pohlia* Hedw. (1521).

*Sematophyllum corticolum* (Aongstr.) O'Shea, **comb. nov.**

Basionym: *Plagiothecium corticola* Aongstr., *Defr. K. Vet. Ak. Foerh.* 30(5):143. 1873. ["um"].

This synonymisation was first suggested by Brotherrus in 1908 (*Nat. Pfl.* 1(3):1087), and referred to subsequently in Wijk *et al.* (1521) and Crosby *et al.* (40).

*Sematophyllum dixonii* (Thér.) O'Shea, **comb. nov.**

Basionym: *Rhaphidostegium dixonii* Thér., *Recueil Publ. Soc. Havraise Étud. Div.* 1924(2):96. 1924. ["-i"] (*R. densirete* Thér., 1923 *hom. illeg.*).

*Rhaphidostegium* (BS&G) De. *Not. nom. illeg. incl. gen. prior.* is replaced by *Sematophyllum* (1521).

*Sematophyllum nanopyxis* (Geh.) O'Shea, **comb. nov.**

Basionym: *Hypnum nanopyxis* C.Müll. ex Geh., *Abh. Naturw. Ver. Bremen* 7:212. 1881. [Subsequently recombined as *Rhaphidostegium nanopyxis* (Geh.) Par., *Ind. Bryol.*:1100. 1897.]

See note under *Sematophyllum dixonii*.

*Sematophyllum rigescens* (Card.) O'Shea, **comb. nov.**

Basionym: *Rhaphidostegium rigescens* Card. in Grand., *Hist. Madag.* 39:499. 1915.

See note under *Sematophyllum dixonii*.

*Thamnobryum malgachum* (Card.) O'Shea, **comb. nov.**

Basionym: *Thamnium malgachum* Card. in Grand., *Hist. Madag.* 39:382. 1915.

De Sloover (15) (p. 148) lists this taxon as doubtful but gives no reason, and presumably had not seen a collection. Cardot gives a clear description of what he says is a very distinctive plant. Until the type is examined, I have transferred the plant to *Thamnobryum*.

## Checklist

The list is in alphabetic order of the current version of taxon names, and any changes to earlier names (taxonomic and nomenclatural synonyms) are shown inset, in a smaller font, giving the new name, as are comments and excluded species.

Only synonyms that postdate the source list have been given: earlier synonyms can be found in the source list and its references. The assumed family of each taxon 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 Appendix A. Country abbreviations are listed for each taxon in alphabetic order of country name, not abbreviation, so, for example, CBS (Cape Province, South Africa) comes before CAR (Central African Republic). The numbers in brackets after each country (and after synonyms) are the literature references, which are translated to 'author+year' in the References section.

- Abietinella abietina* (Hedw.) Fleisch. = *Thuidium abietinum* (71).
- Acanthorrhynchium decolor* (Besch.) Fleisch. SEY(40).
- Acanthorrhynchium loucoubense* (Besch.) Fleisch. COM(40),MAD(40).
- Acanthorrhynchium serratum* (Ren. & Card.) Fleisch. COM(40),MAD(40).
- Acaulon leucochaete* Stone CBS(1531).
- Acaulon recurvatum* Magill CBS(1531).
- Acaulon rufochaete* Magill = *Microbryum rufochaete* (1420).
- Acrocryphaea emarginata* Thér. & Nav. in P.Varde, *nom. nud.* See notes under *Schoenobryum*.
- Acrocryphaea subrobusta* Broth. & P.Varde = *Schoenobryum subrobustum* (1291).
- Acroporium depressum* Thér. MAD(40).
- Acroporium eburensis* Bizot IVO(4).
- Acroporium laevifolium* (Ren.)Broth. MAD(40).
- Acroporium le-testui* P.Varde GAB(47).
- Acroporium megasporum* (Duby) Fleisch. = *Macrohymenium megasporum* (46).
- Acroporium megasporum* var. *densum* (Ren. & Card.) Wijk & Marg. MAD(40).
- Acroporium megasporum* var. *heterodictyon* P.Varde GAB(47).
- Acroporium megasporum* vars. *A. megasporum* has been transferred to *Macrohymenium* (46). These varieties also are in need of revision.
- Acroporium pocsii* Biz. CAM(47).
- Acroporium prionophylax* Buck ZAI(65).
- Acroporium pungens* (Hedw.)Broth. RWA(65), ZAI(65).
- Acroporium stellatum* (Ren. & Card.) Broth. MAD(40).
- Actinodontium dusenii* Broth. CAM(47).
- Actinodontium streptopogoneum* Broth. CAM(47).
- Adelothecium bogotense* (Hampe) Mitt. MAD(40),TAN(1347).
- Aerobryidium subpiligerum* (Hampe) Card. COM(40), KEN(46), MAD(40), MAL(67), MAU(105),REU(105),TAN(46),ZAI(65).
- Aerobryidium subpiligerum* var. *majus* (Ren. & Card.) Wijk & Marg. REU(105).
- Aerobryopsis capensis* (C.Müll.) Fleisch. CBS(1531),MAL(67),NAT(1531),TAN(46), TRV(1531),ZAM(46),ZIM(46).
- Aerobryopsis cirrifolia* (Schwaegr.) Paris MAU(105).
- Aerobryopsis cymatocheilos* (Kindb.) Broth. TAN(46).
- Aerobryopsis longipendula* (Dus.) Broth. CAM(47).
- Aerobryopsis longissima* (Dozy & Molk.)Fleisch. SEY(40).
- Aerobryopsis pseudocapensis* (C.Müll.)Fleisch. ETH(50).
- Aerobryopsis trachyptera* (Dus.)Broth. CAM(47), GAB(47).
- Aerolindigia capillacea* (Hornsch.) Menzel MAD(40),RWA(65),UGA(46),ZAI(65).
- Aloina bifrons* (De Not.)Delg. CBS(1531).
- Aloina brevirostris* (Hook. & Grev.) Kindb. ZIM(61).
- Aloina pilifera* (De Not.) Crum & Steere = *A. bifrons* (81).
- Aloina rigida* (Hedw.)Limpr. DJI(1569),KEN(411).
- Amblystegium camisassae* Tosco & Piovano KEN(46).
- Amblystegium chalaropelma* Ren. MAD(40).
- Amblystegium riparium* (Hedw.) BS&G BOT(1531),KEN(46),MAD(40),MAL(67), NAT(1531),OFS(1531),TRV(1531),ZAI(65), ZAM(46),ZIM(46).
- Amblystegium riparium* fo. *elongatum* (BS&G) Moenk. Excluded. Any records for this form have been associated with the owning species.
- Amblystegium serpens* var. *serpens* (Hedw.)BS&G UGA(46).
- Amphidium aloysii-sabaudiae* Negri UGA(46).
- Amphidium cyathicarpum* (Mont.) Broth. = *A.*

- tortuosum* (65).
- Amphidium lapponicum* (Hedw.) Schimp. LES(1494,1531),NAT(1531,1494).
- Amphidium le-testui* Thér. & P.Varde GAB(47), ZAI(65).
- Amphidium* sp. ETH(50)
- Amphoridium semense* Schimp. in Par., nom. nud. is the base name for this taxon. *Amphoridium* is a synonym for *Amphidium*, but this taxon cannot be dealt with satisfactorily until a type is nominated and described, or it is synonymised with another taxon. There is a 'type' sheet in BM for this taxon, containing specimens from Herb. Hampe, leg. Schimper.
- Amphidium tortuosum* (Hornsch.) Robins. CAM(47), CBS(1531), ETH(50), KEN(46), LES(1494,1531), NAT(1531), TAN(46), UGA(46),ZAI(65).
- Amphoridium semense* Schimp. in Par., nom. nud. See note under *Amphidium* sp.
- Anacamptodon africanus* P.Varde CAR(47), TAN(46).
- Anacolia abyssinica* (C.Müll.) Schimp. = *Flowersia abyssinica* (182).
- Anacolia breutelii* var. *breutelii* (C.Müll.) Magill CBS(1531),LES(1531),NAT(1531),OFS(1531).
- Anacolia breutelii* var. *squarriifolia* (Sim) Magill CBS(1531),LES(1531),NAT(1531).
- Anacolia cameruniae* Dix. CAM(47),TAN(46).
- Anacolia laevisphaera* (Tayl.) Flowers CAM(47), KEN(46),REU(105),RWA(65),SUD(1419), TAN(46),UGA(46),ZAI(65).
- Anacolia scioana* (Brizi) Cuf. ETH(50).
- Andreaea bistratosa* Magill CBS(1531).
- Andreaea borbonica* Besch. REU(105).
- Andreaea camerunensis* Richards CAM(47).
- Andreaea cucullata* Dix. KEN(46),TAN(46).
- Andreaea firma* C.Müll. KEN(46),RWA(65), TAN(46),UGA(46),ZAI(65).
- Andreaea mildbraedii* Broth. KEN(46), RWA(65,46),TAN(46),UGA(46),ZAI(65), ZIM(46).
- Andreaea nitida* Hook.f. & Wils. CBS(1531).
- Andreaea obovata* var. *obovata* Thed. KEN(46), RWA(65),TAN(46),ZAI(65).
- Andreaea rupestris* var. *rupestris* Hedw. CBS(1531),LES(1531),NAT(1531),OFS(1531), TAN(1410),ZIM(61).
- Andreaea subulata* Harv CBS(1531),MAD(40), UGA(46).
- Andreaea tsaratananae* Thér. MAD(40), REU(105).
- Anisothecium horridum* P.Varde CAR(47).
- Anisothecium madagassum* Thér. MAD(40).
- Anisothecium ugandae* P.Varde RWA(65), TAN(46),UGA(46),ZAI(65).
- Anoetangium aestivum* (Hedw.)Mitt. CAM(47), CAR(47),IVO(1458),SUD(1419),TAN(46), TOG(1878).
- Anoetangium afrocompactum* C.Müll. ex Dus. CAM(47).
- Anoetangium borbonense* Besch. COM(40), MAU(105),NIG(334),REU(105).
- Anoetangium brotherusii* Kis KEN(46),MAL(67), TAN(46).
- Anoetangium euchloron* (Schwaegr.) Mitt. = *A. aestivum* (46).
- Anoetangium euchloron* var. *laxum* P.Varde CAR(47).
- Anoetangium euchlorum* var. *laxum* P.Varde. The owning species of this variety has been transferred to *A. aestivum* (46). This taxon is also in need of revision.
- Anoetangium eukilimandscharicum* Dix. TAN(46).
- Anoetangium flexuosum* Negri UGA(46).
- Anoetangium flexuosum* var. *gracile* Negri UGA(46).
- Anoetangium fuscum* Negri UGA(46).
- Anoetangium hanningtonii* Mitt. TAN(46), ZAM(62).
- Anoetangium humblotii* Ren. & Card. COM(40).
- Anoetangium impressum* Hampe MAD(40), REU(105).
- Anoetangium keniae* (P.Varde)Zander KEN(46).
- Anoetangium madagassum* Ren. & Par. MAD(40).
- Anoetangium mafatense* Ren. & Card. REU(105), UGA(46),ZAI(65).
- Anoetangium nigerianum* Broth. & Par. MAI(47).
- Anoetangium raphidostegium* Besch. COM(40),REU(105).
- Anoetangium rufoviride* Besch. COM(40), ERI(50),MAD(40).
- Anoetangium rufoviride* var. *eucollum* Besch. COM(40).
- Anoetangium schimperi* Mitt. ETH(50).
- Anoetangium sellae* Negri UGA(46).
- Anoetangium socotranum* (Mitt.) Broth. ETH(50),SOC(50).

- Anoetangium spathulatum* Mitt. CAM(47).  
*Anoetangium torquatum* Broth. = *A. brotherusii* (46).
- Anoetangium wilmsianum* (C.Müll.) Par. CBS(1531), LES(1531), NAT(1531), OFS(1531), TRV(1531).
- Anomobryum auratum* (Mitt.) Jaeg. KEN(46), MAL(67), TAN(1404,46), UGA(46), ZAI(65), ZAM(62).
- Anomobryum compressulum* (C.Müll.) Broth. KEN(46), TAN(46), UGA(46).
- Anomobryum cygnicollum* (C.Müll.) Hampe ex Jaeg. ERI(50).
- Anomobryum drakensbergense* Van Rooy LES(1531), NAT(1531), OFS(1531).  
*Anomobryum filiforme* (Dicks.) Husn = *A. julaceum* (46).
- Anomobryum filiforme* var. *madagassum* Ren. & Card. MAD(40).  
*Anomobryum filiforme* var. *madagassum* Ren. & Card. This variety presumably belongs to *A. julaceum*, following the synonymisation of *A. filiforme* (46).
- Anomobryum julaceum* (Gaertn. et al.) Schimp. ANG(46), CAM(47), CBS(1531), COM(40), ETH(50), KEN(46), LES(1531), MAD(40), MAL(67), NAT(1531), OFS(1531), RWA(46,65), SOC(40,1626), SUD(1419), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46,61).
- Anomobryum julaceum* var. *abyssinicum* Schimp., nom. nud. ERI(50), ETH(50).
- Anomobryum julaceum* var. *juliforme* (Solms) Husn. CAM(47).
- Anomobryum laceratum* (Besch.) Broth. REU(105).
- Anomobryum laceratum* var. *comorense* (Besch.) Paris COM(40).  
*Anomobryum maclennanii* Broth. = *A. sulcatum* (46) (= *A. auratum*).
- Anomobryum minutirete* (C.Müll.) Kis KEN(46), TAN(46).
- Anomobryum perimbricatum* (Broth.) Broth. CAM(47).  
*Anomobryum sulcatum* Thér. & P.Varde = *Bryum auratum* (23) = *Anomobryum auratum* (1521).
- Antitrichia curtispindula* (Hedw.) Brid. Specimens given this name in Africa should be referred to *A. kilimandscharica* (804).
- Antitrichia kilimandscharica* Broth. ETH(50), KEN(46,136), RWA(65), TAN(46), UGA(46), ZAI(65).
- Aongstroemia filiformis* (P.Beauv.) Wijk & Marg. LES(1074), MAD(40), MAL(67), NAT(1531), REU(105), TAN(46), TRV(1531), ZIM(61).
- Aongstroemia julacea* (Hook.) Mitt. LES(1531), MAD(40), MAL(67), NAT(1531), OFS(1531), REU(105), TAN(46).
- Aongstroemiopsis julacea* (Dozy & Molck.) Fleisch. LES(1074,1531).  
*Aphanorrhagma magdalenae* (De Sloover) Ochyra. See *Physcomitrella patens* ssp. *magdalenae*. *Aphanorrhagma* is only found in the neotropics (Fife, pers. comm.).
- Archidium acanthophyllum* Snider NAT(1531), TRV(1531), ZAI(65,30), ZAM(62), ZIM(61).
- Archidium africanum* Mitt. = *A. ohioense* (1471) (= *A. globiferum*).
- Archidium alternifolium* (Hedw.) Schimp. All specimens given this name from Africa south of the Sahara should be referred to *A. ohioense* (1471) (= *A. globiferum*).
- Archidium amplexicaule* C.Müll. CBS(1531).
- Archidium andersonianum* Snider CBS(1531).
- Archidium brevinerve* P.Varde GAB(47,30).
- Archidium capense* Hornsch. CBS(1531), LES(1531), OFS(1531), ZAI(65).
- Archidium dinteri* (Irmsch.) Snider NAM(30,1531).
- Archidium globiferum* (Brid.) Frahm BUF(1423), CBS(1531), CAR(47,30), IVO(63,1458), KEN(46), LES(1531), MAL(46,67), MAI(47,30), MAU(30), NAM(30,1531), NAT(1531), NIG(334,1492), NIR(79), SOM(30), SWA(1531), TAN(46), TOG(58,1878), TRV(1531), ZAM(62), ZIM(61).
- Archidium johannis-negrii* Tong. Excluded. Snider (30) states that this taxon (from Eritrea (50)) is not an *Archidium*, and probably a member of the Bryaceae.
- Archidium julicaule* C.Müll. CBS(1531), LES(1531).
- Archidium laxirete* P.Varde CAR(47,30).  
*Archidium leptophyllum* P.Varde = *A. ohioense* (1471) (= *A. globiferum*).
- Archidium microthecium* Dix. & P.Varde NAM(1531), NAT(1531), TAN(46,30), TRV(1531), ZAM(411).
- Archidium muellerianum* Snider CBS(1531), ZIM(61).  
*Archidium ohioense* Schimp. ex C.Müll. = *A. globiferum* (1458).



- Archidium petrophyllum* P.Varde = *A. ohioense* (1471) (= *A. globiferum*).
- Archidium rehmannii* Mitt. CBS(1531).
- Archidium subulatum* C.Müll. CBS(1531).
- Archidium tenellum* P.Varde = *A. ohioense* (1471) (= *A. globiferum*).
- Aschisma aethiopicum* (Welw. & Duby) Lindb. = *Bryocephospora aethiopica* (1420).
- Astomiopsis amblyocalyx* C.Müll. LES(1074,1471,1531).
- Astomum borbonicum* Biz. & Onr. REU(105).
- Astomum borbonicum* Biz. & Onr. The genus *Astomum* is considered synonymous with *Weissia* (1420), but the above taxon may belong to *Trichostomum*. It is left here pending revision.
- Atractylocarpus alticaulis* (Broth.)Williams KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).
- Atractylocarpus capillifolius* Dix. = *A. alticaulis* (804).
- Atractylocarpus flexifolius* Dix. = *A. alticaulis* (465).
- Atractylocarpus madagascariensis* (Thér.) Padberg & Frahm MAD(40), REU(411).
- Atrichum androgynum* (C.Müll.) Jaeg. CBS(1531,289), LES(1531), MAD(40,289), MAL(46,67), MAU(105,289), MOZ(357), NAT(1531,289), OFS(1531), REU(105,289), TRV(1531,289), ZIM(46).
- Atrichum borbonicum* Besch. = *A. androgynum* (289).
- Atrichum brevilamellatum* Dix. & Thér. = *Pogonatum congolense* (289)
- Aulacomnium abyssinicum* Schimp. ex Par. ETH(50).
- Aulacomnium palustre* fo. *perpapillosum* P.Varde. Excluded. Any records for this form have been associated with the owning species.
- Aulacomnium palustre* var. *palustre* (Hedw.) Schwaegr. ETH(50), KEN(46), UGA(46).
- Aulacomnium turgidum* (Wahlenb.) Schwaegr. KEN(46).
- Aulacomnium turgidum* var. *papillosum* Dix. KEN(46).
- Aulacopilum trichophyllum* Aongstr. CBS(1531), NAT(1531), TRV(1531), UGA(46), ZIM(46,61).
- Barbella capillicaulis* var. *angustifolia* Dix. & Thér. MAU(105).
- Barbella capillicaulis* var. *capillicaulis* (Ren. & Card.) Card. MAD(40), MAU(105).
- Barbella eusebii* Dix. ex Tosco & Piovano KEN(46).
- Barbula acuta* (Brid.) Brid. = *Didymodon rigidulus* var. *gracilis* (1420).
- Barbula acutata* C.Müll. = *Pseudocrossidium replicatum* (1420).
- Barbula afrofontana* (C.Müll.) Broth. = *B. ehrenbergii* (1158).
- Barbula afrofontana* var. *acutiuscula* P.Varde ZIM(46).
- Barbula aristata* Bruch. & Schimp. ex Par., nom. nud. ETH(50).
- Barbula bolleana* (C.Müll.) Broth. CAP(1296).
- Barbula calycina* Schwaegr. CBS(1531).
- Barbula congoana* Thér. TAN(46), UGA(46), ZAI(65).
- Barbula convoluta* var. *convoluta* Hedw. KEN(411), TAN(46), ZAM(411).
- Barbula crinita* Schultz. = *Pseudocrossidium crinitum* (1420).
- Barbula cylindrica* var. *flaccidus* B.S.G. = *Didymodon vinealis* (1420).
- Barbula dioritica* C.Müll. ERI(50).
- Barbula dusenii* C.Müll. ex Broth. CAM(47).
- Barbula ehrenbergii* (Lor.) Fleisch. CBS(1531), MAD(40), NAM(1531), NAT(1531), SAF(1158), TAN(46), TRV(1531), ZAI(65), ZAM(62).
- Barbula elliotii* Broth. UGA(46).
- Barbula eubryum* C.Müll. ANG(46), BUR(65), CAR(47), KEN(46), NAT(1531), RWA(65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(62,411), ZIM(46,61).
- Barbula hornschurchiana* Schultz = *Pseudocrossidium hornschurchianum* (1420).
- Barbula inclinans* Schimp. ex Besch. MAU(105).
- Barbula indica* var. *indica* (Hook.) Spreng. CAM(1158), CBS(1531), GAB(1158), KEN(46), MAD(40), MAL(67,411), MOZ(357), NAT(1531), ROD(105), RWA(65), SEY(40), SOC(40), SWA(1531), TAN(46), TRV(1531), ZAI(65,259), ZAM(411), ZIM(46,61).
- Barbula indica* var. *scaberrima* Dix. TAN(46).
- Barbula kiaerii* Broth. COM(40), MAD(40).
- Barbula kivuensis* Leroy & P.Varde ZAI(65).
- Barbula lambarenense* P.Varde = *B. indica* (1420).
- Barbula longirostris* Hampe = *Hennediella limbata* (1420).
- Barbula lorentzii* Kis. = *B. indica* (1158) (*B. lorentzii* is based on *B. papillinervis* (Lor.) Broth., hom. illeg. = *B. indica*. The valid name (before synonymisation) was *B. isoindica* Zander, nom. nov. for *B. papillinervis*).

- Barbula madagassa* Ren. & Card. MAD(40).  
*Barbula meidensis* Cuf. SOM(50).  
*Barbula microcalycina* Magill LES(1531), NAT(1531), OFS(1531).  
*Barbula mucronulata* Ren. & Card., *hom. illeg.* = *B. indica* (1158).  
*Barbula nana* C.Müll. = *Trichostomum brachydontium* (1660).  
*Barbula pertorquata* C.Müll. TAN(46), ZAM(46).  
*Barbula porphyroneura* C.Müll. in De Vent. = *Pseudocrossidium porphyroneurum* (1420).  
*Barbula pseudogracilis* C.Müll. in De Vent. = *B. acuta* (1420) (= *Didymodon rigidulus* var. *gracilis*).  
*Barbula punctulata* (Ren. & Card.) Broth., *hom. illeg.* MAD(40).  
*Barbula pygmaea* C.Müll. TAN(46).  
*Barbula rehmannii* C.Müll. = *B. indica* (1158).  
*Barbula salisburyensis* Dix. ZIM(46,61).  
*Barbula schweinfurthiana* C.Müll. SOC(349,1626).  
*Barbula somaliae* C.Müll. SOM(50).  
*Barbula stuhlmanii* (Broth.) Brid = *B. indica* (1158).  
*Barbula subobtusa* Thér. MAD(40).  
*Barbula subscabrinervis* Dix. & Nav. = *Bellibarbula recurva* (1420).  
*Barbula sulcata* Geh. CAP(1296).  
*Barbula tisserantii* (P.Varde) P.Varde CAR(47).  
*Barbula tuberculosa* (Ren. & Car.) Card. MAD(40).  
*Barbula umtaliensis* Magill ZIM(46,61).  
*Barbula unguiculata* Hedw. ANG(46), SUD(1707).  
*Barbula vinealis* Brid. = *Didymodon vinealis* (1420).  
*Barbula vinealis* ssp. *cylindrica* (Tayl.) Podp. = *Didymodon vinealis* (1420).  
*Barbula zambesiaca* Magill ZIM(46,61).  
*Bartramia afro-ithyphylla* Broth. KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Bartramia angustissima* Dix. UGA(46).  
*Bartramia aprica* C.Müll. ERI(50).  
*Bartramia aristaria* C.Müll. CBS(1531), NAT(1531), TRV(1531), ZIM(61).  
*Bartramia boulayi* Ren. & Card. MAD(40), REU(105).  
*Bartramia brachypus* Bruch & Schimp. ex C.Müll. ETH(50).  
*Bartramia capensis* (R.Br.) Wijk & Marg. CBS(1531), NAT(1531), TAN(46).  
*Bartramia commutata* Mitt. CAM(47).  
*Bartramia compacta* var. *compacta* Hornsch. CBS(1531).  
*Bartramia compacta* var. *macowaniana* (C.Müll.) Magill CBS(1531).  
*Bartramia elliottii* Broth. = *Anacolia laevisphaera* (46).  
*Bartramia fragilicuspis* Broth. MAD(40).  
*Bartramia gigantea* Bory TAN(46).  
*Bartramia gigantea* Bory. This plant was described from Réunion, but does not appear (in any obvious guise) in Crosby & Schultze-Motel (40). It is possible that it may be a synonym of *B. patens*.  
*Bartramia halleriana* Hedw. CAM(47), TAN(46).  
*Bartramia hampeana* C.Müll. CBS(1531), LES(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531), ZIM(61).  
*Bartramia ithyphylla* Brid. TAN(46), ZAI(65).  
*Bartramia jungneri* Par. CAM(47), KEN(46), TAN(46), ZAI(65).  
*Bartramia microcarpa* P.Varde TAN(46).  
*Bartramia patens* Brid. MAD(40), REU(105).  
*Bartramia radiculosa* Mitt. = *B. radicata* (1521).  
*Bartramia ruwenzorensis* Broth. KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Bartramia stricta* Hedw. CAM(47).  
*Bartramia strictula* C.Müll. KEN(46), TAN(46).  
*Bellibarbula recurva* (Griff.) Zander UGA(46), ZAI(65).  
*Blindia acuta* (Hedw.) BS&G KEN(46), ZAI(65).  
*Blindia magellanica* Schimp. ex C.Müll. LES(1531), REU(105).  
*Brachydontium flexisetum* Hampe RWA(65).  
*Brachymenium abyssinicum* (C.Müll.) Jaeg. ETH(50), ZAI(65).  
*Brachymenium acuminatum* Harv. ANG(46), BOT(1531), BUF(47), CAM(47), CBS(1531), CAR(47), ERI(50), GUI(47,1458), IVO(1458), LES(1531), MAD(40), MAL(67), MAU(105), NAM(1531), NAT(1531), NIG(47,334), OFS(1531), SWA(1531), TAN(46), TOG(1878), TRV(1531), UGA(46), ZAI(65), ZAM(46,62), ZIM(46,61).  
*Brachymenium altipes* Par. & Broth. = *B. acuminatum* (354).  
*Brachymenium angolense* (Welw. & Duby) Jaeg. ANG(46), KEN(46), MAL(67,411), NAM(1531), NAT(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(46,62), ZIM(46,61).  
*Brachymenium angusti-limbatum* Broth. & Par. = *B. leptophyllum* (65).  
*Brachymenium angustirete* Ochi ETH(354).  
*Brachymenium anthracodictyon* P.Varde = *B. speirocladum* (354).

- Brachymenium apiculatum* (P.Beauv.) Wijk & Marg. MAD(40), MAU(105), ROD(105).  
*Brachymenium aureo-nitens* Broth. & Par. = *B. acuminatum* (354).  
*Brachymenium bequaertii* Dix. & Thér. = *B. flexifolium* (354).  
*Brachymenium borgenianum* Hampe = *B. acuminatum* Harv (46).  
*Brachymenium capitulatum* (Mitt.)Par. CAM(47), CAR(47), DJI(1569), GHA(47), GUI(47), KEN(46), MAD(40), MAL(67), NIG(334), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(46).  
*Brachymenium commutatum* var. *attenuatum* Thér. & Trab. MAI(47).  
*Brachymenium commutatum* var. *commutatum* (C.Müll.)Jaeg. ERI(50).  
*Brachymenium curvitheca* Dix. ETH(50).  
*Brachymenium dicranoides* (Hornsch.) Jaeg CBS(1531), ZIM(46).  
*Brachymenium djolibae* Broth. & Par. = *B. leptophyllum* (354).  
*Brachymenium dusenii* Broth. = *B. acuminatum* (354).  
*Brachymenium elgonense* Dix. KEN(46), UGA(46), ZAI(65).  
*Brachymenium erythraeae* Broth. ex Chiov. ERI(50).  
*Brachymenium eurychelium* Besch. MAU(105), REU(105).  
*Brachymenium exile* (Dozy & Molk.) Bosch & Lac. CAR(47), DJI(1569), ERI(50), GUI(47,1458), IVO(1458), MAD(40), NIG(334), SEN(1458), TAN(46), TOG(1878), ZAM(62), ZIM(46).  
*Brachymenium flexifolium* Bruch & Schimp. ex Jaeg. CAM(47), CON(354), ETH(50), KEN(46), ZAI(65).  
*Brachymenium fusiforme* Dix. = *B. flexifolium* (354).  
*Brachymenium geniculatum* Dix. = *B. leptophyllum* (354).  
*Brachymenium leptophyllum* (C.Müll.) B&S ex Jaeg. CAM(47), CAR(47), ETH(50), GAB(47), GUI(47,1458), IVO(63), KEN(46), MAD(40), MAL(67), MAS(40), NAT(1531), NIG(334), RWA(65), SIL(47), TAN(46), TOG(58,1878), TRV(1531), UGA(46), ZAI(65), ZAM(62), ZIM(46,61).  
*Brachymenium lonchopus* P.Varde = *B. acuminatum* (354).  
*Brachymenium longicolle* Thér. MAL(67), MAU(105), TAN(46).  
*Brachymenium maclaudii* (Broth. & Par.) P.Varde = *B. acuminatum* (65).  
*Brachymenium madagassum* Hampe MAD(40).  
*Brachymenium megalacrion* (Schwaegr.) Jaeg. = *B. apiculata* (1521).  
*Brachymenium meruense* (C.Müll.) Lindau TAN(46).  
*Brachymenium mielichhoferioides* C.Müll. in De Vent. = *B. acuminatum* (354).  
*Brachymenium mildbraedii* Broth. in Mild. = *B. leptophyllum* (65).  
*Brachymenium mildbraedii* var. *subelimbatum* Thér. & P.Varde = *B. leptophyllum*. Ochi (23) does not mention this variety when he synonymises the main species with *B. 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.Varde = *B. leptophyllum* (354).  
*Brachymenium molleri* (C.Müll.) Kindb. = *B. subuliferum* (354).  
*Brachymenium myurella* (C.Müll.)Broth. GUI(47), KEN(46).  
*Brachymenium nepalense* Hook. FER(47), MAD(40), MAL(67), MAU(105), NAT(1531), RWA(65), SOC(40,1626), TRV(1531), ZAI(65,354).  
*Brachymenium nigrescens* Besch. MAD(40).  
*Brachymenium pachyloma* (R.C.) Thér. ZAI(65).  
*Brachymenium philonotula* Broth. BUR(65), KEN(46), MAD(40), TAN(46), ZAI(65).  
*Brachymenium pobeguinii* Broth. & Par. = *B. leptophyllum* (354).  
*Brachymenium procerrimum* Broth. CAM(47), KEN(46), TAN(46), UGA(46).  
*Brachymenium pulchrum* Hook. CBS(1531), KEN(46), MAD(40), MAL(67), NAT(1531), REU(105), ROD(105), SWA(1531), TAN(46), TRV(1531), ZIM(46,61).  
*Brachymenium recurvatum* Broth. & P.Varde = *B. leptophyllum* (46).  
*Brachymenium revolutum* Broth. CAM(47).  
*Brachymenium rigidum* Broth. & Par. ANG(46), GUI(47), KEN(46), MAD(40), RWA(65), TAN(46), UGA(46), ZIM(46,61).  
*Brachymenium rigidum* var. *leptocarpum* Broth. & Par. = *B. capitulatum* (354).  
*Brachymenium rosulatum* P.Varde, nom. illeg. = *B.*

- speirocladum* (23).  
*Brachymerium ruwenzorensis* Thér. & Nav. = *B. nepalense* (354).  
*Brachymerium spathidophyllum* Besch. REU(105).  
*Brachymerium speirocladum* C.Müll. ex Besch. CAM(47), CAR(47), COM(40), MAL(67), MAS(40), TAN(46), TOG(1878), UGA(46), ZAI(65).  
*Brachymerium stereoneurum* C.Müll. = *B. exile* (354).  
*Brachymerium suberectum* (Mitt.) Jaeg. = *B. nepalense* (354).  
*Brachymerium subflexifolium* var. *pachypoma* Ren. & Card ("pachyloma" in Crosby & Schultze-Motel, (40)) = *B. nepalense* (23).  
*Brachymerium subuliferum* (Mitt.) Jaeg. SAO(47), ZAI(65).  
*Brachymerium torquescens* Schimp. ex Par., nom. nud. ETH(50).  
*Brachymerium turgiditheca* Dix. = *B. leptophyllum* (354).  
*Brachymitron pocsii* (A.Kop.) A.Kop. TAN(46).  
*Brachythecium abyssinicum* Par., nom. nud. ETH(50).  
*Brachythecium afro-glareosum* (Broth.) Par. KEN(46,136), TAN(46), UGA(46), ZAI(65).  
*Brachythecium athrocladum* Mitt. STH(1296).  
*Brachythecium borgenii* (Hampe) Jaeg. COM(40), KEN(46), MAD(40), MAU(105), REU(105), TAN(46), UGA(46).  
*Brachythecium caespitans* Schimp. ex Par. ETH(50).  
*Brachythecium chauvetii* Ren. & Card. REU(105).  
*Brachythecium decurrens* Card. MAD(40).  
*Brachythecium dummeri* Dix. KEN(46), RWA(65), TAN(46), UGA(46).  
*Brachythecium gloriosum* (C.Müll.) Kindb. = *B. dummeri* (46).  
*Brachythecium hedbergii* P.Varde RWA(65), TAN(46), UGA(46).  
*Brachythecium implicatum* (Hornsch.) Jaeg. BUR(65), CBS(1531), KEN(46), LES(1531), NAT(1531), OFS(1531), RWA(46,65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46).  
*Brachythecium inconditum* Besch. MAS(40).  
*Brachythecium mildeanum* (Schimp.) Milde TAN(46), UGA(46).  
*Brachythecium negrii* Tosco & Piovano KEN(46).  
*Brachythecium nigroviride* (C.Müll.) Kindb. TAN(46), UGA(46).  
*Brachythecium pinnatum* Dix. CBS(1531).  
*Brachythecium plumosum* (Hedw.) BS&G CBS(1531), KEN(46), LES(1531), NAT(1531), RWA(65), TAN(146), TRV(1531), UGA(46), ZAI(65).  
*Brachythecium populeum* (Hedw.) BS&G CBS(1531), TAN(46).  
*Brachythecium preussii* (Broth.) Par. CAM(47).  
*Brachythecium pseudopopuleum* (C.Müll.) Schimp. CBS(1531).  
*Brachythecium pseudovelutinum* (C.Müll.) Jaeg. CBS(1531).  
*Brachythecium ramicola* Broth. KEN(46), RWA(46), TAN(46), UGA(46), ZAI(65).  
*Brachythecium rigens* Buck RWA(65).  
*Brachythecium rivulare* BS&G KEN(46).  
*Brachythecium roccatii* Negri UGA(46).  
*Brachythecium rutabulum* BS&G TAN(146).  
*Brachythecium salebrosum* (Web. & Mohr) BS&G CBS(1531), MAL(67), NAT(1531), RWA(65), SWA(1531), TRV(1531), ZAI(65), ZIM(61).  
*Brachythecium spectabile* Broth. KEN(46), RWA(46), TAN(46), UGA(46), ZAI(65).  
*Brachythecium starkei* var. *sublaeve* Thér. ZAI(65).  
*Brachythecium subfurcatum* C.Müll. ex Par., nom. nud. ETH(50).  
*Brachythecium sublaetum* Broth. RWA(65), TAN(146).  
*Brachythecium subrutabulum* (C.Müll.) Jaeg. CBS(1531), LES(1531), NAT(1531), OFS(1531), TRV(1531).  
*Brachythecium ugandae* Dix. KEN(46), TAN(46), UGA(46).  
*Brachythecium valentinii* Besch. REU(105).  
*Brachythecium vellereum* (Mitt.) Jaeg. CAM(47), ETH(50), KEN(46,136), RWA(46,65), TAN(46), UGA(46), ZAI(65).  
*Brachythecium vesiculariopsis* Dix. CAM(47).  
*Braunia arbuscula* (Welw. & Duby) Gepp ANG(46), KEN(46), TAN(46), UGA(46), ZAI(65).  
*Braunia brachytheca* (Dix.) Broth. = *B. secunda* (1521).  
*Braunia camptoclada* P.Varde & Thér. KEN(46), TAN(46), ZAI(65).  
*Braunia entodonticarpa* C.Müll. COM(40), KEN(46).  
*Braunia laevicuspis* Broth. ex Engl. ETH(50).  
*Braunia rupestris* (Mitt.) Jaeg. CAM(47), ETH(50).

- Braunia schimperii* BS&G = *B. schimperianum* (1521).  
*Braunia schimperiana* (Hampe) Jaeg. ERI(50), ETH(50), KEN(46), TAN(46).  
*Braunia schimperiana* var. *latifolia* Broth. ex Engl. ETH(50).  
*Braunia secunda* (Hook.) BS&G ANG(46), CBS(1531), KEN(46), MAL(67), MOZ(357), NAT(1531), RWA(65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46,61).  
*Braunia secunda* fo. *longipila* Dix. ex Tosco & Piovano. Excluded. Any records for this form have been associated with the owning species.  
*Braunia secunda* fo. *xerophitica* Dix. ex Tosco & Piovano. Excluded. Any records for this form have been associated with the owning species.  
*Breutelia abyssinica* Schimp. ex Par. Excluded. *Fide* De Sloover, (282) (*nomen nudum*).  
*Breutelia angustifolia* Rehm. ex Sim = *B. microdonta* (829).  
*Breutelia borbonica* De Sloover REU(105), TAN(46).  
*Breutelia diffracta* Mitt. CAM(47), CBS(1531), KEN(46), LES(1635), MAD(40), MAL(67,411), NAT(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(61).  
*Breutelia elliptica* Magill CBS(1531).  
*Breutelia gnaphalea* (P.Beauv.) Mitt. CAM(47), MAD(40), MAL(67), REU(105).  
*Breutelia gracillima* Broth. RWA(65), UGA(46), ZAI(65).  
*Breutelia humbertii* P.Varde & Thér. KEN(46), RWA(65), TAN(46).  
*Breutelia kilimandscharica* (C.Müll.) Par. Excluded. *Fide* De Sloover, (282) (lacking adequate description and type).  
*Breutelia madagassa* var. *kivuensis* P.Varde ZAI(65).  
*Breutelia madagassa* var. *madagassa* Thér. MAD(40).  
*Breutelia magdalenae* De Sloover MAU(105), REU(105).  
*Breutelia microdonta* (Mitt.) Broth. CBS(1531,1882), NAT(1531), OFS(1531), TRV(1531), ZIM(61).  
*Breutelia muhavurensis* P.Varde & Thér. KEN(46,259), RWA(65), TAN(46,259).  
*Breutelia perrieri* Thér. MAD(40), REU(105), TAN(46).  
*Breutelia sciuroides* Thér. MAD(40).  
*Breutelia sclerodictya* Card. MAD(40).  
*Breutelia stenodictyon* (Ren. & Card.) Broth. MAD(40), REU(105).  
*Breutelia stricticaulis* Dix. KEN(46), RWA(65), UGA(46), ZAI(65).  
*Breutelia stuhlmannii* Broth. KEN(46), MAD(40), MAS(40), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Breutelia subgnaphalea* (C.Müll.) Kindb. = *B. diffracta* (65).  
*Breutelia substricta* (C.Müll.) Magill CBS(1531,1882), LES(1531), NAT(1531), OFS(1531).  
*Breutelia tabularis* Dix. ex Sim. CBS(1531).  
*Breutelia tomentosa* (Brid.) Jaeg. Excluded. *Fide* De Sloover, (282) (doubtful for the area).  
*Breutelia viguieri* Card. MAD(40).  
*Brothera leana* (Sull.) C.Müll. MAL(134).  
*Bruchia brevipes* Harv. ex Hook. CBS(1531).  
*Bruchia eckloniana* C.Müll. CBS(1531).  
*Bruchia queenslandica* Stone NAM(1531).  
*Bryobartramia novae-valesiae* (Broth.) Stone & Scott CBS(1531).  
*Bryocethospora aethiopica* (Welw. & Duby) Zander ANG(46).  
*Bryoerythrophyllum afrorubellum* (Broth. & Wag.) De Sloover = *B. campylocarpum* (1420).  
*Bryoerythrophyllum alpigenum* (Vent.) Chen. See *B. recurvirostrum* var. *alpigenum* (Sollman. pers. comm.)  
*Bryoerythrophyllum campylocarpum* (C.Müll.) Crum ANG(259), BUR(65), CAM(47), CBS(1531), CAR(47), CHA(47), GAB(47), GHA(47), GUI(47), IVO(44), KEN(46), LES(1531), MAL(67), NAT(1531), OFS(1531), RWA(65), SIL(47), TAN(46), TOG(58), TRV(1531), UGA(1158,46), ZAI(47,65), ZAM(62), ZIM(61).  
*Bryoerythrophyllum ferruginascens* (Stirt.) Giac. ETH(1862), KEN(1862), TAN(1862).  
*Bryoerythrophyllum inaequalifolium* (Tayl.) Zander ETH(1158).  
*Bryoerythrophyllum jamesonii* (Tayl.) Crum auct. afr. = *B. campylocarpum* (1420).  
*Bryoerythrophyllum recurvirostrum* (Hedw.) Chen CBS(1531), ETH(50), KEN(46,136), LES(1531), MOZ(357), NAT(1531), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Bryoerythrophyllum recurvirostrum* var. *alpigenum* (Vent.) Giac. KEN(46), TAN(46), UGA(46).  
*Bryoerythrophyllum recurvirostrum* var.

- angustifolium* (P.Varde) Wijk & Marg. = *B. afrorubellum* (1420) (= *B. campylocarpum*).
- Bryoerythrophyllum rubrum* (Jur. ex Geh.) Chen TAN(46).
- Bryoerythrophyllum rubrum* (Jur. ex Geh.) Chen. Sollman (pers. comm.) believes that the occurrence of this taxon in Africa is doubtful, and that the material should be checked.
- Bryohumbertia filifolia* (Hornsch.) Frahm MAD(105), MAU(105), REU(105).
- Bryohumbertia flavicoma* (C.Müll.) Frahm ANG(146), BUR(65), CAM(47), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(62).
- Bryosedgwickia barlassinae* Tosco & Piovano KEN(46).
- Bryosedgwickia densa* (Hook.) Biz. & P.Varde CAR(47), GUI(47), NIG(334), ZAI(65), ZAM(46).
- Bryotestua brevicuspis* Thér. & P.Varde CAR(47).
- Bryotestua longicuspis* Thér. & P.Varde CAR(47).
- Bryum afro-plumosum* Broth. & Par. = *B. apiculatum* (354).
- Bryum afrocalophyllum* P.Varde KEN(46), TAN(46).
- Bryum albo-marginatum* Card., *hom. illeg.* MAD(40).
- Bryum albo-pulvinatum* C.Müll. ANG(46), CAM(47), CAR(47), GAB(47), GUI(47), KEN(46), NIG(47), SIL(47), ZAI(65).
- Bryum albolimbatum* Jaeg. MAD(40), TAN(46).
- Bryum algovicum* var. *rutheanum* (Warnst.) Crundw. KEN(46), TAN(46).
- Bryum alpinulum* var. *latinerve* P.Varde & Thér. MAD(40).
- Bryum alpinulum* var. *levieri* Ren. & Card. MAD(40).
- Bryum alpinum* Huds. ex With. CAM(47), CBS(1531), KEN(46), LES(1531), MAD(40,23), MAL(67), NAT(1531), OFS(1531), TAN(46), TRV(1531), UGA(46), ZIM(61).
- Bryum alpinum* var. *perrevolutum* P.Varde, *nom. inval.* KEN(46), TAN(46), UGA(46).
- Bryum alpinum* var. *viride* Husn. KEN(46), TAN(46).
- Bryum andicola* Hook. CBS(1531), CAR(21), KEN(46), LES(1531), MAL(67), NAT(1531), OFS(1531), SIL(47), SWA(1531), TAN(46,21), TRV(1531), ZAI(65,21), ZIM(61).
- Bryum anomodon* Mont. CAP(1296).
- Bryum apiculatum* Schwaegr. BUF(1423), CAM(47), CBS(1531), CAR(47), COM(40), FER(47), GAB(47), GUI(47), IVO(44,1880), KEN(46), MAD(40), MAU(105), MOZ(357), NAM(1531), NAT(1531), OFS(1531), REU(105), ROD(105), SAO(47), SEY(40), SIL(47), TAN(46), TOG(1878), TRV(1531), ZAI(65), ZAM(62).
- Bryum appressum* Ren. & Card. MAD(21), SAF(21).
- Bryumarachnoideum* C.Müll. ANG(46), BUF(47), BUR(65), IVO(1458), KEN(46), MAD(40), MAL(67), NIG(334), RWA(65), TAN(46), UGA(46), ZAM(62), ZIM(46).
- Bryum areoblastum* C.Müll. = *B. apiculatum* (354).
- 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* (Schwaegr.) Podp. Excluded. Any records for this form have been associated with the owning species.
- Bryum argenteum* var. *argenteum* Hedw. ANG(46), ASC(23,1296), BOT(1531), BUR(65), CAM(47), CBS(1531), CAR(47), COM(40), ERI(50), ETH(50), GAB(47), GUI(47), KEN(46), LES(1531), MAD(40,23), MAL(67), MAU(105), MOZ(357), NAM(1531), NAT(1531), NIG(23,334), OFS(1531), REU(23,105), RWA(65), SWA(1531), TAN(46), TOG(58,1878), TRV(1531), UGA(46), ZAI(65), ZAM(46), ZIM(46,61).
- Bryum argenteum* var. *argyrotrichum* (C.Müll.) Mitt. = *B. argenteum* var. *lanatum* (1521).
- Bryum argenteum* var. *australe* Rehm. ex Dix. KEN(46), ZIM(46).
- Bryum argenteum* var. *lanatum* (P.Beauv.) Hampe BUR(65), CAM(47), CAR(47), CHA(47), COM(40), ETH(50), GAB(47), KEN(46,136), MAD(40), MAL(67), MAU(105), REU(105), RWA(65), SAO(47), STH(1296), TAN(46), ZAI(65), ZIM(46).
- Bryum argenteum* var. *proliferum* Sim ZIM(46).
- Bryum argenteum* var. *rotundifolium* Sim ZIM(46).
- Bryum argenteum* var. *submuticum* Besch. REU(105).
- Bryum argentisetum* C.Müll. TAN(46).
- Bryum argyrotrichum* C.Müll. = *B. argenteum* var. *lanatum* (1521).

- Bryum aubertii* (Schwaegr.) Brid. BUR(65), CBS(1531), IVO(1458), LES(1531), MAD(40), MAS(40), NAT(1531), OFS(1531), TAN(46), TRV(1531), ZAI(65).
- Bryum aulacomnioides* C.Müll. MAD(40).
- Bryum bessonii* Ren. & Card. ANG(46), COM(40), MAD(40).
- Bryum bicolor* Dicks. BOT(1531), CBS(1531), MAD(40), NAM(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531), ZIM(46,61).
- Bryum billardieri* Schwaegr. MAD(40), MAU(105), REU(105).
- Bryum bulbillicaule* C.Müll. KEN(46).
- Bryum bullosum* C.Müll. ex Broth. CAM(47).
- Bryum cadetii* Biz. & Onr. REU(105).
- Bryum caespiticium* var. *caespiticium* Hedw. ANG(46), CBS(1531), LES(1531), NAT(1531), UGA(46).
- Bryum campylopodiioides* C.Müll., *nom. nud.* MAU(105).
- Bryum canariense* Brid. CBS(1531), GUI(47,23), LES(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531), ZAM(62), ZIM(46,61).
- Bryum candidum* C.Müll. = *B. argenteum* (1521).
- Bryum capillare* var. *capillare* Hedw. BOT(1531), CAM(47), CBS(1531), COM(40,23), ERI(50), ETH(50,23), GUI(47,23), KEN(46), LES(1531), MAD(40,23), MAL(67), MAI(67), MOZ(46), NAM(1531), NAT(1531), OFS(1531), SEY(40), SIL(47,23), SUD(23), SWA(1531), TAN(46), TOG(1878), TRV(1531), UGA(46), ZAI(65), ZIM(46).
- Bryum capillare* var. *torquescens* (De Not.) Husn. = *B. torquescens* (1520).
- Bryum cellulare* Hook. LES(1531), NAM(1531), NAT(1531), OFS(1531), REU(354,105), TRV(1531), ZIM(61).
- Bryum cellulare* ssp. *lipopae* (Thér. & P.Varde) P.Varde = *B. euryphyllum* (354).
- Bryum chalarorhodon* C.Müll. ex Broth. = *B. huillense* (354).
- Bryum coronatum* Schwaegr. ANG(46), ASC(1296), BUR(65), CAM(47), CAR(47), CHG(40), FER(47), GAB(47), GHA(47), GUI(47), IVO(47,1458,1880), KEN(46), LIB(47), MAD(40), MAL(67), MAU(105), MOZ(357), NIR(79), NIG(47,334), REU(105), RWA(65), SAO(47), SEN(47), SIL(47), TAN(46), TOG(58,1878), UGA(46), ZAI(65), ZAM(46,62), ZIM(61).
- Bryum coronatum* var. *latifolium* Broth. & P.Varde CAR(47).
- Bryum cyathiphyllum* Dix. & Herz. UGA(46), ZAI(65).
- Bryum depressum* C.Müll. ex Broth. CAM(47), GUI(1458), IVO(1458), SIL(47), ZAI(65).
- Bryum dichotomum* Hedw. SOC(40).
- Bryum dongolense* Brizi ERI(50).
- Bryum donianum* Grev. CBS(1531).
- Bryum elatum* Broth. & Par. = *B. rhyariocaulon* (354).
- Bryum ellipsifolium* C.Müll. KEN(46), TAN(46), UGA(46).
- Bryum ellipticifolium* var. *ellipticifolium* Brizi ETH(50).
- Bryum erythrocarpum* C.Müll., *nom. nud.* MAU(105).
- Bryum erythrocarpum* var. *madagassum* Ren. & Card., *nom. illeg.* MAD(40).
- Bryum erythrocaulon* (Schwaegr.) Brid. CAM(47), CBS(1531), MAD(21,40), MAU(21,105), NAT(1531), ROD(105), SIL(47), TAN(21), TRV(1531), ZAI(65).
- Bryum euryphyllum* Dix. & P.Varde GAB(47), TAN(46), ZAI(65).
- Bryum fluminale* C.Müll. ex Broth. = *B. erythrocaulon* (21).
- Bryum fouta-djallonii* Par. = *Brachymenium exile* (354).
- Bryum fragiferum* P.Varde = *B. apiculatum* (354).
- Bryum fragiferum* var. *angustifolium* P.Varde = *B. apiculatum* (354).
- Bryum fusco-tomentosum* Demar. & Leroy. Excluded. According to Ochi, the only collection of this taxon (from Zaire) is not a *Bryum*, but probably an *Entosthodon* (354).
- Bryum grammothecium* C.Müll., *nom. nud.* COM(40).
- Bryum griseum* Dus. ex Thér. = *B. argenteum* (354).
- Bryum haematoneurum* C.Müll. ERI(50), TAN(46).
- Bryum hedbergii* P.Varde KEN(46), TAN(46).
- Bryum homalobolax* C.Müll. ex Ren. = *B. huillense* (46).
- Bryum huillense* Welw. et Duby ANG(46), BUR(65), CAM(47,23), CAR(47), COM(40), ETH(23), GUI(47,23), IVO(44,47), KEN(46), MAD(40,23), MAL(67), MAU(23,105), NIG(334), SAO(47,23), TAN(46), TOG(58,1878), UGA(46), ZAI(65), ZAM(62).
- Bryum interruptinerve* C.Müll., *nom. nud.*

- COM(40).
- Bryum keniae* C.Müll. BUR(65), CAM(47), CBS(1531), GUI(47), KEN(46), MAL(67), MOZ(46), NAT(1531), RWA(65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(46), ZIM(61).
- Bryum kilimandscharicum* (C.Müll.) Zander. Excluded. See note under *Phascum kilimandscharicum*.
- Bryum kindiae* Par. & Broth. = *B. canariense* (354).
- Bryum klinggraeffii* Schimp. SUD(1707).
- Bryum leptoneurum* P.Varde KEN(46), TAN(46).
- Bryum leptospeiron* C.Müll. COM(40), MAD(40), MAU(105), SEY(40).
- Bryum leptotorquescens* C.Müll. ex Broth. ANG(46), CAM(47), CAR(47), SIL(47), UGA(46).
- Bryum lonchophyllum* Broth. CAM(47).
- Bryum madagasso-ramosum* Broth. = *B. erythrocaulon* (46).
- Bryum megalacrion* Schwaegr. MAD(40), MAS(40).
- Bryum micro-erythrocarpum* C.Müll. & Kindb. CBS(1531), NAT(1531), TRV(1531).
- Bryum microdontium* Dix. *hom. illeg.* = *B. andicola* (21).
- Bryum microdontium* var. *compactum* P.Varde = *B. andicola* (21).
- Bryum minutirosatum* C.Müll. KEN(46), TAN(46).
- Bryum muehlenbeckii* BS&G ZAI(65).
- Bryum mundtii* C.Müll. ZIM(46).
- Bryum nanocapillare* C.Müll. ERI(50).
- Bryum nanotorquescens* Broth. & Par. = *B. capillare* (354).
- Bryum nigerianum* var. *germainii* P.Varde & Demar. = *B. capillare* (354).
- Bryum nigerianum* var. *nigerianum* Broth. & Par. = *B. capillare* (354).
- Bryum nitens* Hook. = *B. apiculatum* (46).
- Bryum ocobiense* Broth. & P.Varde = *B. apiculatum* (354).
- Bryum orthocladon* Bruch & Schimp. in Par., *nom. nud.* ETH(50), KEN(23).
- Bryum pallens* var. *pallens* Sw. RWA(65).
- Bryum pallescens* Schleich. ex Schwaegr. CAM(47), ZAI(65).
- Bryum peralatum* P.Varde. Excluded. According to Ochi, the only collection of this taxon (from Zaire) is not a *Bryum*, but probably an *Entosthodon* (354).
- Bryum perlimbatum* Card. Excluded. Ochyra (1442) concludes that the specimen was collected in Puerto Natales, Chile, not in Natal, South Africa.
- Bryum perrieri* Thér. MAD(40).
- Bryum perspinidens* Broth. KEN(354), UGA(354).
- Bryum petrophilum* P.Varde = *B. billardieri* Schwaegr (354) = *B. andicola* (21).
- Bryum piliferum* Bruch & Schimp. in Par., *nom. nud.* ETH(50).
- Bryum plano-marginatum* Dix. = *B. pseudotriquetrum* (46).
- Bryum plumosum* Doz. & Molk. ROD(105).
- Bryum pobeguinii* Broth. & P.Varde = *B. capillare* (354).
- Bryum pottiaefolium* C.Müll. = *B. capillare* (354).
- Bryum preussii* Broth. CAM(47), KEN(1408,411), ZAI(65).
- Bryum pseudotorquescens* C.Müll. = *B. capillare* (354).
- Bryum pseudotriquetrum* var. *bimum* (Brid.) Lilj. SUD(1419).
- Bryum pseudotriquetrum* var. *pseudotriquetrum* (Hedw.) Schwaegr. CBS(1531), LES(1531), NAT(1531), OFS(1531), RWA(65), TAN(354), TRV(1531), ZAI(65), ZAM(62), ZIM(61).
- Bryum purpureo-nigrum* Duby MAD(40).
- Bryum pycnophyllum* (Dix.) Mohamed CBS(1531), LES(1531), NAT(1531), OFS(1531), SWA(1531), TAN(46), TRV(1531), ZAM(62), ZIM(46,61).
- Bryum radiculosum* Brid. CBS(1531), NAM(1531).
- Bryum rhypariocaulon* C.Müll. CAR(47), FER(23), GUI(47,23), TOG(1878), UGA(46).
- Bryum robustum* Hampe MAD(40).
- Bryum roscheri* Lor. TAN(46).
- Bryum rosulatum* C.Müll. = *B. andicola* (21).
- Bryum rubicundum* C.Müll. Excluded - according to Ochi (23), this is probably not a *Bryum*, but the specimen is too fragmentary to determine.
- Bryum rubro-costatum* C.Müll. Excluded - according to Ochi (23) this is probably a *Mielichhoferia*, but the specimen is too scanty to be more definite.
- Bryum semense* Par., *nom. nud.* = *B. orthocladon* (354).
- Bryum spiralifolium* Dix. = *B. andicola* (21).
- Bryum splendidifolium* C.Müll. ERI(50).
- Bryum staudtii* Broth. CAM(47), MAL(67), SIL(47).
- Bryum stenophyllum* Dix. UGA(46).
- Bryum subapiculatum* Hampe TAN(46).
- Bryum subappressum* var. *forsythii* (Ren. & Card.)



- Card. MAD(40).
- Bryum subargenteum* Hampe MAD(40), TAN(46), ZAI(65).
- Bryum subdepressum* Broth. & Par. = *B. rhypariocaulon* (354).
- Bryum subhomalobolax* Ren. & Card. = *B. huillense* (354).
- Bryum subturbinatum* C.Müll. = *B. turbinatum* (23).
- Bryum taitae* C.Müll. KEN(46).
- Bryum tenerum* P.Varde. Excluded. According to Ochi, the type is not referable with certainty to a specific taxon (354).
- Bryum thomeanum* P.Varde SAO(47).
- Bryum tisserantii* P.Varde CAR(47), GHA(47).
- Bryum tisserantii* var. *sublimbatum* P.Varde. Excluded. According to Ochi, the type of this taxon (from 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 torquescens* Bruch ex De Not. CBS(1531), ETH(50), KEN(46), LES(1531), NAT(1531), OFS(1531), SUD(1419), TAN(46), TRV(1531), ZIM(46).
- Bryum truncorum* (Brid.) Brid. MAD(21,40), MAU(298,105), REU(21,105), ROD(105), TAN(46), ZIM(46).
- Bryum turbinatum* (Hedw.) Turn. CBS(1531), ETH(50), LES(1531), NAT(1531), OFS(1531).
- Bryum turbinitiforme* Schimp. & Par., *nom. nud.* ETH(50).
- Bryum umbraculum* Bruch. ex Hook. CBS(1531), ETH(23), KEN(46), NAT(1531), OFS(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46).
- Bryum usambaricum* Dix. = *B. coronatum* (46).
- Bryum viguieri* Thér. ANG(46), MAD(40), MAL(67), TAN(46).
- Bryum viridescens* Welw. & Duby ANG(46), CBS(1531), NAT(1531), SWA(1531), TRV(1531), ZIM(61).
- Bryum voeltzkowii* Broth. MAD(21,40), TAN(46).
- Bryum zygodontoides* C.Müll. = *B. coronatum* (1521).
- Caduciella mariei* (Besch.) Enroth COM(40), TAN(1439).
- Callicostella* (C.Müll.) Mitt. 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 africana* Mitt. CAM(47), CAR(47), COM(40), CON(47), FER(47), GAB(47), GHA(47), IVO(1880,47), LIB(47), MAD(40), NIG(47), TAN(46), UGA(46), ZAI(65), ZAM(62).
- Callicostella ascensionis* (C.Müll.) Broth. ASC(1296).
- Callicostella attenuata* (C.Müll.) Kindb. CAM(47), CAR(47), GAB(47), LIB(47), ZAI(65).
- Callicostella brevipes* (Broth.) Broth. CAM(47), CAR(47), CON(47), FER(47), GAB(47), GHA(47), IVO(1880), MAD(40), MAU(105), SAO(47), SEY(40), SIL(47), TAN(46), UGA(46), ZAI(65).
- Callicostella chevalieri* Mitt. CAR(47), GAB(47), NIG(47), ZAI(65).
- Callicostella chionophylla* (C.Müll.) Kindb. SAO(47).
- Callicostella constricta* (C.Müll.) Kindb. CAM(47), CAR(47), COM(40), FER(47), GAB(47), IVO(1880), MAD(40), NIG(47), TAN(46), ZAI(65).
- Callicostella emarginatula* Broth. in Corb. ANG(46), CAM(47), CAR(47), CON(47), GAB(47), ZAI(65).
- Callicostella eroso-truncata* Card. CAM(47), CAR(47), CON(47), GAB(47), IVO(1880), MAU(105), NIG(47), TAN(46), ZAI(65).
- Callicostella fissidentella* (Besch.) Kindb. IVO(1880), LIB(47), MAD(40), MAU(105), PRI(47), REU(105), SAO(47), TAN(46), ZAI(65).
- Callicostella gabonensis* Broth. & P.Varde CAR(47), CON(47), GAB(47), IVO(1880), ZAI(65).
- Callicostella lacerans* (C.Müll.) Jaeg. COM(40), LIB(47), MAD(40), MAU(105), TAN(46).
- Callicostella laeviuscula* Mitt. CAM(47), GAB(47), ROD(105).
- Callicostella leptocladula* (Broth.) Broth. CAM(47), MAD(40).
- Callicostella maclaudii* (Par. & Broth.) Broth. GUI(47).

- Callicostella papillata* (Mont.) Mitt. COM(40), MAD(40), MAS(40).
- Callicostella papillata* var. *brevifolia* Fleisch. MAD(40).
- Callicostella papillosula* Broth. & P.Varde CAR(47), CON(47), GAB(47).
- Callicostella parvocellulata* Mitt. MAD(40).
- Callicostella parvula* Broth. in Mildbraed, *nom. nud.* ANN(47).
- Callicostella parvula* Broth. in Mildbraed, *nom. nud.* Mildbraed (1619) gives a locality (Santa Mina Gipfel) and a collection number [706] from a German expedition of 1911-12, so there is hope that the specimen can be found.
- Callicostella perpapillata* Broth. & P.Varde CAM(47), CAR(47), CON(47), GAB(47), IVO(47), PRI(47), TAN(46), UGA(46), ZAI(65).
- Callicostella perrotii* (Par.) Broth. IVO(1880), MAD(40).
- Callicostella pusilla* Demar. & P.Varde CAM(47), CAR(47), GHA(47), IVO(1880), MAD(40), UGA(46), ZIM(61).
- Callicostella robillardei* Fleisch., *nom. nud.* MAU(105).
- Callicostella salaziae* (Besch.) Kindb. CAM(47), REU(105), SAO(47).
- Callicostella seychellensis* (Besch.) Kindb. ANN(47), CAM(47), CAR(47), GAB(47), GUI(47), IVO(1880), LIB(47), MAD(40), MAU(105), SEY(40), ZAI(65).
- Callicostella submarginatula* Broth. & P.Varde ANG(46), CAM(47), CAR(47), CON(47), GAB(47), GUI(47), TOG(1878), ZAI(65).
- Callicostella tristis* (C.Müll.) Broth. CBS(1531), CAR(47), MAI(47), NAT(1531), SWA(1531), TRV(1531).
- Callicostella usambarica* (C.Müll.) Broth. CAR(47), GAB(47), IVO(1880), TAN(46).
- Calliargon keniae* Dix. = *Sarmentypnum sarmentosum* (1884).
- Calliargon sarmentosum* (Wahlenb.) Kindb. = *Sarmentypnum sarmentosum* (453).
- Calliargon sarmentosum* var. *subflavum* Dix. = *Sarmentypnum sarmentosum* (1884).
- Calliargon 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*. The voucher specimen cannot now be located at UBC.
- Calymperes acanthoneuron* P.Varde = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes afzelii* Sw. ANG(46), BUR(65), CAM(57), CAR(57), COM(40), GAB(57), GHA(57), GUI(57,1458), IVO(44,1458,1880), KEN(46), MAD(40), NIG(57,334), SAO(57), SIL(57), TAN(46), TOG(1878), UGA(46), ZAI(57,65), ZAM(62), ZIM(46,61).
- Calymperes annobonense* Broth. in Mildbr., *nom. nud.* ANN(47).
- Calymperes ascensionis* C.Müll. = *C. erosum* (1473).
- Calymperes asperum* C.Müll. ex Besch. = *C. erosum* (57).
- Calymperes asterigium* C.Müll. ex Besch. = *C. palisotii* ssp. *palisotii* (57).
- Calymperes asteristylum* C.Müll. ex Besch. = *C. afzelii* (57).
- Calymperes borgenii* Kiaer ex Besch. = *C. hispidum* (1371).
- Calymperes brachypelma* C.Müll. ex Besch. = *C. palisotii* ssp. *palisotii* (57).
- Calymperes brevifolium* Card. = *C. palisotii* (1624).
- Calymperes cacazouense* Besch. = *C. tenerum* (1373).
- Calymperes campylopodioides* C.Müll. ex Besch. = *C. palisotii* var. *palisotii* (57).
- Calymperes casamancae* Card. = *C. erosum* (1473).
- Calymperes caudatum* C.Müll. = *C. tenerum* (1473).
- Calymperes cernense* Besch. MAD(40).
- Calymperes chevalieri* Thér. & Corb. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes chevalieri* var. *angustifolium* Thér. & P.Varde = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes chrysoblastum* C.Müll. = *C. erosum* (57).
- Calymperes cochlearifolium* Par. = *C. palisotii* (1473).
- Calymperes congolense* (Ren. & Card.) Card. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes conterminum* Thér. & P.Varde = *C. lonchophyllum* ssp. *microblastum* (57).
- Calymperes corbieri* Thér. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes crassilimbatum* Ren. & Card. = *C. hispidum* (1511).
- Calymperes decolorans* C.Müll. = *C. pallidum* (1518).
- Calymperes decolorans* var. *latifolium* Ren. & Card. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes dilatatum* Besch. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes disjunctum* Besch. = *C. palisotii* (1370).
- Calymperes dusenii* C.Müll. ex Besch. = *C. afzelii* (57).

- Calymperes erosulum* Ren. & Par. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes erosum* C.Müll. ANG(57), ASC(1296), BEN(47), CAM(57), GAB(57), GHA(57), GUI(57,1458), IVO(1458,1880), LIB(57), MAD(40), NIG(57,334), SEN(57), SEY(40), SIL(57), TAN(46), TOG(1878), ZAI(57,65,1552).
- Calymperes gabonense* Thér. & P.Varde = *C. erosum* (1473).
- Calymperes garciae* Mitt. = *C. graeffeanum* (1371).
- Calymperes gillettii* Ren. & Card. = *C. erosum* (1473).
- Calymperes graeffeanum* C.Müll. CHG(40), MAU(105), SEY(40).
- Calymperes heudelotii* Besch. = *C. erosum* (57).
- Calymperes hildebrandtii* C.Müll. = *C. afzelii* (1473).
- Calymperes hispido-costatum* Dix. = *C. pallidum* (1518).
- Calymperes hispidum* Ren. & Card. MAD(40), MAU(105), REU(105), SEY(1371).
- Calymperes hyalino-limbatum* Par. = *C. afzelii* (1473).
- Calymperes incertum* Card. = *C. palisotii* (1370).
- Calymperes integrifolium* C.Müll. = *C. afzelii* (1473).
- Calymperes intra-limbatum* C.Müll. = *C. erosum* (57).
- Calymperes isleanum* Besch. = *C. motleyi* (1370).
- Calymperes jardinii* Besch. = *C. erosum* (57).
- Calymperes jollyi* Broth. & Par. = *C. rabenhorstii* (57) (= *C. pallidum*).
- Calymperes konkourae* Par. = *C. erosum* (57).
- Calymperes laevifolium* Mitt. = *C. palisotii* (1370).
- Calymperes lamellosulum* Card. in Ren & Card. = *C. loucoubense* (765).
- Calymperes lecomptei* Besch. ("lecomtei") = *C. afzelii* (57).
- Calymperes leucocoleus* C.Müll. ex Besch. = *C. erosum* (57).
- Calymperes leucomitrium* C.Müll. = *C. afzelii* (1473).
- As existing collections under this name appear to be of either *C. afzelii* or *C. erosum* (1473), collections listed in Schultze-Motel (47) and Bizot *et al.* (1880) have been ignored.
- Calymperes levyanum* Besch. CBS(1531).
- Calymperes ligulare* Mitt. = *C. tenerum* (1473).
- Calymperes linealifolium* C.Müll. ex Besch. = *C. afzelii* (1473). As there is some doubt about collections with this name, the collection from Cameroon listed in Schultze-Motel (47) has been ignored.
- Calymperes lonchophyllum* ssp. *microblastum* (C.Müll.) S.Edwards CAM(47), GAB(47), GHA(47), IVO(1880), NIG(47), ZAI(65).
- Calymperes lonchophyllum* ssp. *saxatile* (C.Müll.) S.Edwards LIB(47), SIL(47), TOG(47).
- Calymperes loucoubense* Besch. MAD(40).
- Calymperes loucoubense* var. *minus* Ren. & Par. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes mahense* P.Varde = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes malimbae* C.Müll. = *C. erosum* (1473).
- Calymperes mariei* Besch. = *C. palisotii* (1370).
- Calymperes maroantsetrae* Card. = *C. afzelii* (1473).
- Calymperes maroantsetrae* var. *angustifolium* Card. = *C. erosum* (1473).
- Calymperes mathieui* Rem. & Card. = *C. erosum* (1473).
- Calymperes mayottense* Besch. = *C. afzelii* (767).
- Calymperes megamitrium* C.Müll. ex Besch. = *C. erosum* (57).
- Calymperes microblastum* C.Müll. ex Besch. = *C. lonchophyllum* ssp. *microblastum* (57).
- Calymperes minus* Besch. = *C. pallidum* (1518).
- Calymperes motleyi* Mitt. ex Dozy & Molck. SEY(1373).
- Calymperes norkettii* L.T.Ellis SEY(1374).
- Calymperes nossi-beanum* (Besch.) Broth. = *C. taitense* (1473).
- Calymperes nossi-combae* Besch. = *C. afzelii* (1518).
- Calymperes occidentale* Besch. = *C. palisotii* (1473).
- Calymperes orthophyllaceum* C.Müll. = *C. afzelii* (57).
- Calymperes pachyloma* Hampe = *C. taitense* (1518).
- Calymperes palisotii* ssp. *palisotii* Schwaegr. CAM(57), GAB(57), GHA(57), GUI(57), IVO(44,1880), LIB(57), MAD(40), MAU(105), NIG(57), ROD(105), SEN(57), SEY(40), SIL(57), TAN(1370), TOG(1878), ZAI(57).
- Calymperes pallidum* Mitt. ANG(57), BEN(57), BUR(65), COM(40), GHA(57), GUI(57), IVO(57,1880), MAD(40), NAT(1531), NIG(57,334), ROD(105), SEY(40), SIL(57), TAN(46), TOG(57), TRV(1531), UGA(46), ZAI(65,57), ZIM(61).
- Calymperes palmicola* Besch. = *C. pallidum* (1518).
- Calymperes patentifolium* Par. = *C. erosum* (57).
- Calymperes perlimbatum* Par. = *C. afzelii* (1473).
- Calymperes perrotetii* Besch. = *C. afzelii* (1473).
- Calymperes perserratum* Broth. & Par. = *C. lonchophyllum* ssp. *saxatile* (57).
- Calymperes pintasii* C.Müll. ex Besch. Excluded. There is doubt about the identity of this taxon,

- recorded from GUI, LIB and SAO (47). See Bescherelle (1625).
- Calymperes polii* Besch. = *C. loucoubense* (765).
- Calymperes principis* Broth. = *C. tenerum* (1473).
- Calymperes proligerum* C.Müll. ex Dus. LIB(47).**
- Calymperes pygmaeum* Par. = *Syrrhopodon parasiticus* var. *parasiticus* (1473).
- Calymperes quintasii* Broth. = *C. afzelii* (1473).
- Calymperes rabenhorstii* Hampe & C.Müll. = *C. pallidum* (1372).
- Calymperes rabenhorstii* var. *longemitrata* Broth. & Thér. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes reduncum* Besch. = *C. hispidum* (40).
- Calymperes renauldii* Card. = *C. afzelii* (1518).
- Calymperes rhyariophyllum* C.Müll. = *C. afzelii* (57).
- Calymperes robillardii* Besch. = *C. graeffeanum* (1518).
- Calymperes rotundatum* C.Müll. ex Dus., *nom. nud.* Excluded. Following Schultze-Motel (47), this taxon has been treated as an orthographic variant of *C. rotundatum* (= *C. afzelii*).
- Calymperes rotundatum* C.Müll. ex Besch. = *C. afzelii* (1473).
- Calymperes rupestre* C.Müll. ex Dus. = *C. lonchophyllum* ssp. *microblastum* (57).
- Calymperes sanctae-mariae* Besch. = *C. tenerum* (1473).
- Calymperes sanctae-mariae* var. *mayottense* Besch. COM(40).**
- Calymperes sankaranae* Par. = *C. afzelii* (57).
- Calymperes saxatile* C.Müll. ex Besch. = *C. lonchophyllum* ssp. *saxatile* (57).
- Calymperes secundulum* C.Müll. ex Besch. = *C. afzelii* (57).
- Calymperes seychellarum* Besch. = *C. erosum* (1373).
- Calymperes subasterigerum* Par. = *C. afzelii* (57).
- Calymperes subcrassilimbatum* P.Varde = *C. erosum* (1373).
- Calymperes subdecolorans* Card. = *C. rabenhorstii* (57) (= *C. pallidum*).
- Calymperes subdecolorans* var. *remotifolium* Thér. = *C. decolorans* (1473) (= *C. pallidum*).
- Calymperes subdiaphanum* Leroy = *C. tenerum* (1473).
- Calymperes subtenellum* Broth. in Mildbr., *nom. nud.* ANN(47).**
- Calymperes taitense* (Sull.) Mitt. COM(40), MAD(40), REU(105), SEY(105).**
- Calymperes tenellum* C.Müll. ex Besch. = *C. palisotii* var. *palisotii* (57).
- Calymperes tenerum* var. *edamense* Fleisch. = *C. tenerum* (1485).
- Calymperes tenerum* var. *tenerum* C.Müll. AMI(40), CHG(40), COM(40), GHA(57), IVO(44,1880), KEN(46), MAD(40), NAT(1531), NIG(57), TAN(46,57), ZAI(65).**
- Calymperes theriotii* Ren. & Card. = *C. palisotii* ssp. *palisotii* (57).
- Calymperes thomeanum* C.Müll. Excluded. There is doubt about the identity of this taxon, recorded from SAO (47). See Bescherelle (1625).
- Calymperes thompsonii* Besch. = *C. pallidum* (1518).
- Calymperes usambaricum* Broth. = *C. afzelii* (1473).
- Calymperes victoriae* Dix. = *C. afzelii* (1473).
- Calymperes zanzibarensis* Besch. = *C. tenerum* (1473).
- Calymperopsis* (C.Müll.) Fleisch. 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 crenulata* Tixier = *Syrrhopodon crenulatus* (1909).
- Calymperopsis disciformis* (C.Müll.) Tixier = *Syrrhopodon africanus* ssp. *africanus* (1909).
- Calymperopsis elimbatus* Tixier = *Syrrhopodon tixieri* (1909).
- Calymperopsis madagascariensis* (Thér.) Broth. = *Syrrhopodon parasiticus* (1909).
- Calymperopsis mandrakensis* Tixier = *Syrrhopodon africanus* ssp. *mandrakensis* (1909).
- Calymperopsis martinicensis* (Broth.) Broth. = *Syrrhopodon disciformis* (1909).
- Calymperopsis subdisciformis* (Besch.) Fleisch. = *Syrrhopodon subdisciformis* (1909).
- Calymperopsis viguieri* (Thér.) Broth. = *Syrrhopodon parasiticus* (1909).
- Calypothecium acutifolium* var. *acutifolium* (Brid.) Broth. ANG(46,2), CBS(1531,2), CAR(47), MAL(67,2), NAT(1531), REU(2,105), RWA(65), TAN(46), TRV(1531), UGA(46,2), ZAI(65,2), ZAM(46,62,2), ZIM(46).**
- Calypothecium acutifolium* var. *antitrichioides***

- (Besch.) Par. REU(2,105).
- Calypothecium acutifolium* var. *breviusculum* (C.Müll. ex Dus.) Argent CAM(47,2), TOG(1878).
- Calypothecium acutifolium* var. *longiusculum* (Dus.) Argent CAM(47,2), TAN(46).
- Calypothecium bescherellei* (Ren.) Broth. MAD(40).
- Calypothecium hoehnelii* (C.Müll.) Argent CBS(1531), KEN(46,2), MAL(67,2), NAT(1531,2), RWA(65,2), TAN(46,2), TRV(1531), UGA(46,2), ZAI(65,2), ZIM(61).
- Calypothecium hoehnelii* var. *angustifolium* (Dix.) Kis KEN(46), TAN(46), UGA(46).
- Calypothecium hoehnelii* var. *angustifolium* (Dix.) Kis. 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.
- Calypothecium planifrons* (Ren. & Par.) Argent CAR(47,2), CHA(47,2), MAD(40,2), TAN(46), ZAI(2,411), ZAM(46,62,2).
- Calypothecium pterobryoides* Argent UGA(46,2).
- Calypothecium subbreviusculum* Thér. & P.Varde = *C. acutifolium* var. *acutifolium* (2).
- Calypstrochaeta asplenioides* (Brid.) Crosby CBS(1531), COM(40), MAD(40), REU(105), TAN(46).
- Calypstrochaeta cristata* (Hedw.) O'Shea MAU(40).
- Campyochaete fallax* (Ren. & Card.) Ren. MAD(40).
- Campyochaete ramulosa* (Mitt.) Jaeg. ZAI(65).
- Campyliadelphus polygamus* (BS&G) Kanda TAN(1405).
- 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 stellatum* var. *stellatum* (Hedw.) J.Lange & C.Jens KEN(66).
- Campylodontium dusenii* (Broth.) Broth. = *C. flavescens* (1878) (= *Mesonodon flavescens*).
- Campylodontium flavescens* (Hook.) Besch. & Lac. = *Mesonodon flavescens* (715).
- Campylodontium flavescens* var. *viride* Card. MAD(40).
- Campylodontium flavescens* var. *viride* Card. This variety presumably belongs with the owning species, in *Mesonodon*. Revision is required.
- Campylopodium euphorocladum* var. *laevigatum* (Thér.) Thér. = *Microcampylopus laevigatus* (507).
- Campylopodium laevigatum* Thér. = *Microcampylopus laevigatus* (507).
- Campylopodium proscriptum* (Hornsch.) Broth. = *Dicranella proscripta* (506).
- Campylopus abyssinicus* De Not. Excluded. No herbarium specimen available (54).
- Campylopus afro-concolor* C.Müll. ex Broth. = *C. savannarum* (54).
- Campylopus alpicola* (C.Müll.) Jaeg. = *C. fragilis* (54).
- Campylopus ambiguus* Thér. Excluded. No herbarium material available (54).
- Campylopus amblyacron* (Ren.) Ren. & Card. = *C. cambouei* (1751).
- Campylopus ampliretis* (C.Müll.) Card. = *C. flaccidus* (54).
- Campylopus aongstroemii* C.Müll. = *C. aureonotens* (54).
- Campylopus arbogastii* Ren. & Card. = *C. julaceus* ssp. *arbogastii* (54).
- Campylopus arbogastii* var. *capitulifer* Ren. & Card. = *C. julaceus* ssp. *arbogastii* (54).
- Campylopus arctocarpus* ssp. *arctocarpus* (Hornsch.) Mitt. All records of this species for Africa belong to ssp. *madecassus*. Ssp. *arctocarpus* is neotropical. (54).
- Campylopus arctocarpus* ssp. *madecassus* (Besch.) Frahm COM(54), MAD(54,40), MAL(67), MAU(54), REU(54), SEY(54), TAN(54).
- Campylopus arcuatus* (Brid.) Jaeg. ASC(54,1296), MAD(54,40), MAU(54), REU(54), STH(54,1296).
- Campylopus argutidens* Broth. & Par. = *C. savannarum* (54).
- Campylopus argutidens* var. *angustifolius* Thér. & P.Varde = *C. savannarum* (54).
- Campylopus aspericuspis* Thér. & P.Varde = *C. savannarum* (54).
- Campylopus assimilis* Thér. & P.Varde = *C. savannarum* (54).
- Campylopus atro-sordidus* C.Müll. ex Broth. = *C. pilifer* (54).
- Campylopus atroluteus* (C.Müll.) Par. = *C. bartramianaceus* & *C. bicolor* ssp. *atroluteus* (see discussion in Frahm, (54) about the distribution of these two

- plants).
- Campylopus aureonitens* (C.Müll.) Jaeg. ANG(54), ASC(54), CAM(40), CBS(1531,54), COM(54,40), KEN(54), MAD(54,40), MAL(67), MAU(54), NAT(1531,54), OFS(1531,54), REU(54), SWA(1531), TAN(54), TRV(1531,54), ZIM(54).
- Campylopus aureus* Bosch. & Lac. = *C. schmidii* (1751).
- Campylopus bartramiaceus* (C.Müll.) Thér. CBS(1531,54), LES(1531), NAM(1531), NAT(1531,54), OFS(1531), REU(105), SWA(1531), TRV(1531,54).
- Campylopus bequaertii* Thér. & Nav. = *C. savannarum* (54).
- Campylopus bequaertii* var. *gabonensis* Thér. & P.Varde = *C. savannarum* (1751).
- Campylopus bicolor* (C.Müll.) Wils. is shown in Crosby *et al.* (40) for Madagascar, on the basis of *C. pseudobicolor* (shown as a synonym). This is not a synonym of *C. bicolor*, which only occurs in Africa as ssp. *atroluteus* (54).
- Campylopus bicolor* ssp. *atroluteus* (C.Müll.) Frahm CBS(1531,54).
- Campylopus boivianus* Beschl. = *C. flexuosus* (54).
- Campylopus brevireus* Dix. = *C. pilifer* (54).
- Campylopus cailleae* Ren. & Card. = *C. perpusillus* (54).
- Campylopus calvus* Ren. & Card. = *C. aureus* (54).
- Campylopus cambouei* Ren. & Card. CBS(54), GUI(54,47), KEN(411), MAD(54,40), MAL(67), MAU(54), MOZ(54), TAN(54), TRV(54).
- Campylopus capillaceus* (Brid.) Jaeg., *hom. illeg.* Excluded. No herbarium material available (54).
- Campylopus capitiflorus* Mont. = *C. arcuatus* (54).
- Campylopus capitiflorus* var. *pachycomus* Besch. = *C. arcuatus* (54).
- Campylopus cardotii* Thér. = *C. controversus* (1701).
- Campylopus carolinae* Grout RWA(65).
- Campylopus catarractilis* (C.Müll.) Par. CBS(1531,54), MAD(54), TRV(1531,54).
- Campylopus chevalieri* Broth. & Thér. CAM(47,54), CON(54,47), GAB(54,47), IVO(54,47), NIG(54,47), SIL(54,47).
- Campylopus chlorotrichus* (C.Müll.) Par. = *C. stenopelma* (54).
- Campylopus chrismarii* (C.Müll.) Mitt. = *C. nivalis* (54).
- Campylopus chryseolus* Besch. = *C. aureus* (54).
- Campylopus clavatus* (R.Br.) Wils. Excluded. Not found in Africa - see Frahm (54).
- Campylopus comatus* Ren. & Card. = *C. trachyblepharon* var. *comatus* (54).
- Campylopus comatus* var. *subcomatus* (Ren. & Card.) Thér. = *C. trachyblepharon* var. *comatus* (54).
- Campylopus compactus* Par. & Broth., *hom. illeg.* = *C. savannarum* (54).
- Campylopus consociatus* Thér. = *C. flaccidus* (54).
- Campylopus controversus* (Hampe) Jaeg. CBS(1531,54), LES(1531), MAD(54,40), MAL(67), MAU(56,40), MOZ(54), NAT(1531,54), REU(54), RWA(65), STH(54), SWA(1531), TRV(1531,54), ZAI(65).
- Campylopus crateris* Besch. COM(54,40), KEN(54), MAD(54,40), REU(54,40).
- Campylopus crispatus* Thér. Excluded. No herbarium material available (54).
- Campylopus cummingii* Duby = *C. introflexus* (54).
- Campylopus decaryi* Thér. CBS(54), MAD(54,40), TRV(54), ZAI(65).
- Campylopus deciduus* Ren. & Card. = *C. aureus* (54).
- Campylopus denticuspis* Broth. in Mildbr. = *C. nivalis* (54).
- Campylopus denticuspis* var. *acutifolius* Broth. = *C. nivalis* (1751).
- Campylopus dicranoides* Thér. KEN(54), RWA(65), UGA(54), ZAI(54,65).
- Campylopus dissitus* C.Müll. ex Broth. = *C. savannarum* (54).
- Campylopus dissitus* var. *parvifolius* Thér. & P.Varde = *C. savannarum* (1751).
- Campylopus divaricatus* (Mitt.) Jaeg. = *C. savannarum* (54).
- Campylopus dolosus* Besch. = *Bryohumbertia* sp (54).
- Campylopus drouhardii* Card. & Copp. = *C. aureonitens* (54).
- Campylopus dusenii* C.Müll. in Par., *nom. nud.* = *C. savannarum* (54).
- Campylopus echernieri* Besch. = *C. jamesonii* (54).
- Campylopus eckendorffii* Thér. & P.Varde = *C. pilifer* (54).
- Campylopus erythrocaulon* Broth. = *C. savannarum* (54).
- Campylopus eximius* Reichdt. ASC(54).
- Campylopus filescens* Ren. & Card. = *Bryohumbertia* sp (54).
- Campylopus filifolius* (Hornsch.) Mitt. = *Bryohumbertia filifolia* (481)
- Campylopus flaccidus* Ren. & Card. BUR(54,65),

- CBS(1531),KEN(411),MAD(54,40),MAL(67),MOZ(357),NAT(1531,54),OFS(54),RWA(65),SUD(54),TAN(54),TRV(1531,54),ZAI(65),ZIM(54).
- Campylopus flagei* Ren. & Card. = *C. filifolius* (19) (= *Bryohumbertia filifolia*).
- Campylopus flavicoma* C.Müll. ex Broth. = *Bryohumbertia flavicoma* (54).
- Campylopus flexuosus* (Hedw.) Brid. MAD(54,40), MAU(54), REU(54), RWA(65), SAO(54,47), STH(1296), TAN(54,146), UGA(54), ZAI(54,65), ZAM(62).
- Campylopus flexuosus* var. *incacorrals* (Herz.) Frahm MAU(54), REU(298), TAN(54), UGA(54), ZAI(54,65).
- Campylopus fragilis* (Brid.) BS&G CAM(54), ETH(54), KEN(411), MAL(67), REU(105), RWA(54), TAN(54), TRV(1531,54), UGA(54), ZAI(54,65).
- Campylopus fusco-lutescens* Ren. & Card. = *C. controversus* (1701).
- Campylopus gallienii* Par. = *C. robillardei* (54).
- Campylopus gallienii* var. *brevifolius* Thér. = *C. robillardei* (1751).
- Campylopus guineensis* P.Varde & Thér. = *C. obrutus* (54).
- Campylopus helenicus* C.Müll. = *C. arcuatus* (54).
- Campylopus hensii* Ren. & Card. ANG(54), CAM(54,47), CAR(54,47), CON(47), EGU(54), GAB(54,47), IVO(54), KEN(54), LIB(54), MAL(67), NAT(54), NIG(54,334,47), RWA(54), TAN(54), UGA(54), ZAI(54,65), ZAM(54).
- Campylopus heribaudii* C.Müll. = *C. robillardei* (54).
- Campylopus hildebrandtii* (C.Müll.) Jaeg. BUR(54,65), CAM(54), CBS(54), COM(54,40), KEN(54), MAD(40), MAL(67), NAT(54), REU(54,298), TAN(54), UGA(54), ZAI(65,54).
- Campylopus hispidus* Ren. & Card. = *C. pilifer* (1751).
- Campylopus horridus* Welw. & Duby = *C. savannarum* (54).
- Campylopus incacorrals* Herz. = *C. flexuosus* var. *incacorrals* (1751).
- Campylopus inchangae* (C.Müll.) Par. = *C. robillardei* (54).
- Campylopus inrangae* (C.Müll.) Par. Orthographic variant for *C. inchangae*, but the specimen from Madagascar (40) given this name was *C. arctocarpus* ssp. *madecassus*, not *C. robillardei* (54).
- Campylopus interruptulus* Besch. = *C. filifolius* (1641) (= *Bryohumbertia filifolia*).
- Campylopus introflexus* (Hedw.) Brid. BOT(1531), CBS(1531,54), LES(1531), MAU(105), NAM(1531), NAT(1531), OFS(1531), REU(54), STH(54,1296), TRV(1531,54).
- Campylopus introflexus* (Hedw.) Brid. Some published collections with this name are misidentified (e.g. Sierra Leone and Cameroon in (47), which are *C. pilifer*) (54).
- Campylopus introflexus* var. *altecristatus* (Ren. & Card.) Thér. = *C. pilifer* (54).
- Campylopus introflexus* var. *mauritanus* (Ren. & Card.) Thér. = *C. pilifer* (54).
- Campylopus introflexus* var. *polytrichoides* (De Not.) Giac. = *C. pilifer* (54).
- Campylopus jamesonii* (Hook.) Jaeg. CAM(54,47), KEN(54), MAD(54,40), MAL(67), MOZ(54), REU(54,40), RWA(54,65), TAN(54), TRV(1531,54), UGA(54), ZAI(54,65), ZIM(54).
- Campylopus johannis-meyeri* (C.Müll.) Par. CAM(54), KEN(54), TAN(54), ZAI(54,65).
- Campylopus julaceus* ssp. *arbogastii* (Ren. & Card.) Frahm MAD(54,40), MAU(54), OFS(1531,54), REU(54), SEY(54).
- Campylopus kivuensis* P.Varde & Thér. ZAI(54,65).
- Campylopus labeensis* Broth. & Par. = *C. cambouei* (54).
- Campylopus laxobasis* Ren. & Card. = *C. cambouei* (54).
- Campylopus lecomtei* Besch. in P.Varde, *nom. nud.* Excluded. No herbarium material available (54).
- Campylopus leptodrepanium* (C.Müll.) Par. = *C. nivalis* (54).
- Campylopus leptotrichaceus* (C.Müll.) Par. = *C. pyriformis* (804). Some plants recorded under this name are *C. praetermissus* (e.g. Gabon (47)).
- Campylopus letestui* Thér. & P.Varde = *C. nanophyllus* (54).
- Campylopus leucochlorus* (C.Müll.) Par. = *C. hildebrandtii* (804).
- Campylopus lonchocladus* C.Müll. = *C. aureonotens* (54).
- Campylopus longifolius* Besch. = *C. arcuatus* (54).
- Campylopus maclaudii* Par. & Broth. = *C. nanophyllus* (54).
- Campylopus macrotis* C.Müll. ex Broth. = *C. savannarum* (54).
- Campylopus madecassus* Besch. = *C. arctocarpus* ssp. *madecassus* (54).
- Campylopus madegassus* Dix. = *C. arctocarpus* ssp.

- madecassus* (54).  
*Campylopus mangenotii* Biz. & Kilb. = *C. smaragdinus* (1751).  
*Campylopus marginii* Thér. = *C. nivalis* (54).  
*Campylopus matarensis* Besch. = *C. arctocarpus* ssp. *madecassus* (54).  
*Campylopus mathieui* Thér. = *C. savannarum* (54).  
*Campylopus montanus* Welw. & Duby = *C. savannarum* (54).  
*Campylopus mozambicus* P.Varde = *C. cambouei* (54).  
*Campylopus nanophyllus* C.Müll. ex Broth. CAM(54,47), CAR(54,47), GAB(54,47), GUI(54,47), IVO(1458), MAD(40), MAL(67), REU(54), RWA(65), TRV(54), ZIM(54).  
*Campylopus naumanni* C.Müll. = *C. arcuatus* (54).  
*Campylopus nivalis* (Brid.) Brid. CAM(54,47), KEN(54), MAD(54), MAL(67), MAU(105), NAT(54), REU(54), RWA(54,65), TAN(54), UGA(54), ZAI(54).  
*Campylopus obrutus* Thér. & P.Varde BUR(65), CAM(54,47), CON(47,54), GAB(54,47), GUI(54,1458,47), NIG(54,1492), RWA(65), ZAI(54,65).  
*Campylopus ochrodictyon* Aongstr. = *C. introflexus* (54).  
*Campylopus orzeszkoanus* Ren. & Card. = *C. crateri* (54).  
*Campylopus pallescens* Besch. = *C. hildebrandtii* (54).  
*Campylopus pallidisetus* Thér. = *Bryohumbertia* sp (54).  
*Campylopus pallido-nitens* Thér. = *C. robillardei* (54).  
*Campylopus paludicola* Broth. = *C. pyriformis* (1562).  
*Campylopus parisii* Ren. = *C. smaragdinus* (54).  
*Campylopus perichaetialis* P.Varde & Thér. IVO(1880), KEN(54), RWA(54,65), ZAI(54,65).  
*Campylopus perpusillus* Mitt. BUR(65), CAM(54,47), CAR(54,47), CON(47), GAB(54,47), GUI(54,47), KEN(54), MAD(54,40), MOZ(54), NAT(1531), NIG(54,47,334), RWA(54,65), SIL(54,47), TAN(54,46), TRV(1531), UGA(54,46), ZAI(54,65), ZAM(54,46), ZIM(54,46).  
*Campylopus perrieri* Thér. = *C. flaccidus* (54).  
*Campylopus pilifer* Brid. ANG(54), ASC(54,1296), BUR(54,65), CAM(54,47), CBS(1531,54), CAP(56,1296), CAR(54,47), CHA(54), COM(54,40), ETH(54), KEN(54), LES(54,1531), LIB(54), MAD(54,40), MAL(67), MAU(54), NAM(1531), NAT(1531,54), OFS(1531,54), REU(54), RWA(54,65), SEY(40), SIL(54,47), SOC(54,1626,40), SWA(1531), TAN(54), TRV(1531,54), UGA(54), ZAI(54,65), ZIM(54).  
*Campylopus pobeguini* Par. & Broth. = *C. savannarum* (54).  
*Campylopus pobeguini* var. *minor* Par. = *C. savannarum* (1751).  
*Campylopus polytrichoides* De Not. = *C. pilifer* (54).  
*Campylopus praetermissus* Frahm GAB(54,47), KEN(54), MAU(54), REU(298), RWA(65), SAF(54), TAN(54), ZAI(65).  
*Campylopus procerus* (C.Müll.) Kindb. = *C. jamesonii* (54).  
*Campylopus pseudo-nigrescens* Thér. = *C. flaccidus* (54).  
*Campylopus pseudobicolor* C.Müll. ex Ren. & Card. CBS(54), MAD(54,40), MAU(105).  
*Campylopus pseudovirescens* Ren. & Card. Excluded. Probably *C. arcuatus* (1751).  
*Campylopus purpurascens* Lor. = *C. pilifer* (54).  
*Campylopus pyriformis* var. *pyriformis* (Schultz) Brid. CBS(1531,54), CAP(56), KEN(54,411), MAL(67), NAT(1531,54), OFS(1531), REU(298), RWA(54,65), TAN(54), TRV(1531,54), ZAI(65,54).  
*Campylopus quintasii* Broth. = *C. flexuosus* (54)  
*Campylopus reticulatus* Par. & Broth. Excluded. Type specimen is not *Campylopus* (54).  
*Campylopus ripicola* Besch. = *C. aureus* (54).  
*Campylopus robillardei* Besch. CBS(1531,54), MAD(54,40), MAL(67), MAU(54), MOZ(357), NAT(1531,54), REU(54), RWA(65), SWA(1531), TAN(54), TRV(1531,54), UGA(54), ZAI(65), ZIM(54).  
*Campylopus salessianus* Broth. = *C. savannarum* (54).  
*Campylopus savannarum* (C.Müll.) Mitt. ANG(54), BOT(1531), BUR(54,65), CAM(54,47), CBS(1531,54), CAR(54,47), CON(47,54), ETH(50), GAB(54,47), GHA(54), GUI(54,47), IVO(54,1458), KEN(54), LIB(54,47), MAL(67), NAT(1531), NIG(54,1492,47), PRI(54,47), RWA(65), SAO(54,47), SIL(54,47), SWA(1531), TAN(54), TOG(1878), TRV(1531,54), UGA(54), ZAI(54,65), ZAM(54), ZIM(54).  
*Campylopus scabricuspis* Mitt. = *C. flexuosus* (1751).  
*Campylopus schmidii* (C.Müll.) Jaeg. COM(54,40), MAD(54,40), REU(54,40), ZAI(65).



- Campylopus serricuspis* Thér. & P.Varde = *C. savannarum* (54).  
*Campylopus simii* Schelpe = *C. julaceus* ssp. *arbogastii* (54).  
*Campylopus smaragdinus* (Brid.) Jaeg. ASC(54,1296),KEN(54),MAD(54,40),REU(54),TAN(54),ZAI(54,65).  
*Campylopus stenopelma* (C.Müll.) Par. = *C. controversus* (1701).  
*Campylopus stramineus* (Mitt.) Jaeg. = *C. nivalis* (54)  
*Campylopus subambiguus* Thér. = *C. nanophyllus* (54).  
*Campylopus subchlorophyllosus* C.Müll. ex Rabenh. = *Sphaerothecium subchlorophyllosus* (1475).  
*Campylopus suberythrocaulon* Broth. in Mildbr. = *C. hensii* (54) Some specimens given this name belong to *C. savannarum* (e.g Congo (47)) (54).  
*Campylopus suberythrocaulon* var. *parvifolius* P. Varde, *nom. inval.* = *C. hensii* (1751)  
*Campylopus subflexuosus* Par., *nom. nud.* = *C. fragilis* (54).  
*Campylopus subleptodrepanium* Broth. = *C. nivalis* (1751)  
*Campylopus subobrutus* Thér. & P.Varde = *C. obrutus* (54)  
*Campylopus subvirescens* Ren. & Card. = *C. arctocarpus* ssp. *madecassus* (54).  
*Campylopus torrentis* Thér. & P.Varde GAB(54,47),NIG(54,1492).  
*Campylopus trachyblepharon* ssp. *comatus* (Ren. & Card.) Frahm MAD(54,40), MAU(54), REU(298).  
*Campylopus tsaratananae* Thér. = *C. flexuosus* (54).  
*Campylopus valentini* Besch. = *C. aurenotens* (54).  
*Campylopus verdolinii* Par. & Ren. = *C. flexuosus* (54).  
*Campylopus virescens* Besch. = *C. flexuosus* (54).  
*Campylopus viridatulus* C.Müll. ex Broth. = *C. savannarum* (54).  
*Cardotiella appendiculata* (Ren. & Card.) Vitt MAD(40),REU(105).  
*Cardotiella renauldii* (Broth.) Vitt. MAD(40).  
*Cardotiella secunda* (C.Müll.) Vitt CBS(1531), NAT(1531).  
*Cardotiella subappendiculata* (Broth.) Vitt MAD(40),MAS(40).  
*Catagonium nitens* (Brid.) Card. COM(40), MAD(40), MAU(105), REU(105), TAN(46,1881).  
*Catagonium nitens* ssp. *maritimum* (Hook.) Lin CBS(1531,1881), NAT(1531,1881), SWA(1531,1881),TRV(1531,1881).  
*Ceratodon purpureus* ssp. *purpureus* (Hedw.) Brid. CAM(47),CBS(1882),KEN(46),MAL(67), MAU(105),RWA(65),STH(1296),TAN(46), UGA(46),ZAI(65).  
*Ceratodon purpureus* ssp. *stenocarpus* (C.Müll.) Dix. CBS(1531), LES(1531), MAD(40), NAT(1531),REU(105),RWA(65),TRV(1531), ZAI(65).  
*Ceratodon purpureus* var. *brevidens* Besch. MAU(105),REU(105).  
*Ceratodon purpureus* var. *congolensis* Thér. RWA(65).  
*Ceratodon purpureus* var. *robustus* P.Varde, *hom. illeg.* UGA(46).  
*Ceratodon purpureus* var. *xanthopus* Sull. ZAI(65).  
*Ceratodon stenocarpus* C.Müll. = *Ceratodon purpureus* ssp. *stenocarpus* (1589).  
*Ceratodon viridatus* (C.Müll.) Broth. TAN(46).  
*Chaetomitrium borbonicum* Besch. MAU(105), REU(105).  
*Chaetomitrium comorense* C.Müll. COM(40).  
*Chaetomitrium dusenii* var. *brevinerve* (P.Varde) P.Varde CAR(47),GAB(47),TAN(46).  
*Chaetomitrium dusenii* var. *dusenii* C.Müll. ex Broth. CAM(47),GAB(47),IVO(44),ZAI(65).  
*Chamaebryum pottioides* Thér. & Dix. CBS(1531), NAM(1531).  
*Chameleion cryptocarpus* (Dozy & Molke) Ellis & Eddy in Eddy GAB(24),GUI(363),ZAI(65,24).  
*Cheilothea chilensis* (Mont.) Broth. CBS(1531), LES(1074).  
*Cheilothea jaegeri* Bizot SIL(4).  
*Chenia leptophylla* (C.Müll.) Zander BOT(1531,68), CBS(1531), MAL(68,67), NAT(1531),TAN(68),TRV(1531),ZIM(68).  
*Chorisodontium falcatum* Magill CBS(1531).  
*Chryso-hypnum cavifolium* (Dix.) Ochyra & Sharp BUR(65), ETH(146), KEN(46), MAL(67), NAT(1531),TAN(46),TRV(1531),ZAM(146), ZIM(61).  
*Chryso-hypnum demareti* (P.Varde) Higuchi UGA(46),ZAI(65).  
*Chryso-hypnum frondosum* (Mitt.) Buck CAM(47), FER(47), KEN(46), RWA(65), TAN(46),UGA(46),ZAI(65).  
*Cinclidotus fontinaloides* (Hedw.) P.Beauv.

- KEN(46), TAN(259).  
*Cladophascum gymnomitrioides* Dix. & Sim CBS(1531), NAM(1531), OFS(1531), TAN(1437), TRV(1531), ZIM(46,61).  
*Clastobryella foliicola* P.Varde = *Gammella merrillii* (46)  
*Clastobryella pusilla* (Thér.) Wijk & Marg. MAD(40).  
*Clastobryophilum rufo-viride* (Besch.) Fleisch. MAD(40), REU(105), SEY(40).  
*Conostomum crassinervium* P.Varde KEN(46).  
*Conostomum pentastichum* (Brid.) Lindb. LES(1074,1531), NAT(1531).  
*Cratoneuron curvicaule* fo. *densirete* P.Varde, *nom. inv. descr. gall.* = *C. filicinum* (1533).  
*Cratoneuron filicinum* var. *curvicaule* (Jur.) Moenk. = *C. filicinum* (1533).  
*Cratoneuron filicinum* var. *filicinum* (Hedw.) Spruce KEN(46), NAT(1531,1533), TAN(46), UGA(1533), ZAI(65).  
*Cratoneuron procerum* (Dix.) Broth. = *C. filicinum* (1533).  
*Cratoneuron subcurvicaule* P.Varde = *C. filicinum* (1533).  
*Crossidium apiculatum* Magill CBS(1531).  
*Crossidium chloronotos* (Brid.) Limpr. = *C. squamiferum* var. *squamiferum* (1420).  
*Crossidium crassinerve* var. *laevipilum* (Thér. & Trab.) Delgadillo = *C. laevipilum* (1420).  
*Crossidium laevipilum* Thér. & Trab. KEN(411).  
*Crossidium spiralifolium* Magill CBS(1531), NAM(1531).  
*Cryphaea bollei* Broth. & Geh., *nom. nud. in sched.* CAP(1296).  
*Cryphaea exigua* (C.Müll.) Jaeg. CBS(1531), KEN(46), NAT(1531), RWA(65), SWA(1531), TAN(46), TRV(1531).  
*Cryphaea filivaga* C.Müll. in Par., *nom. nud.* ETH(50).  
*Cryphaea lasioides* C.Müll. in Par., *nom. nud.* ETH(50).  
*Cryphaea longicuspis* P.Varde & Thér. TAN(46), ZAI(65).  
*Cryphaea protensa* Bruch & Schimp. ex C.Müll. ETH(50), KEN(46), TAN(46).  
*Cryphaea ragazzii* (Brizi) Broth. ETH(50).  
*Cryphaea robusta* Broth. & Thér. KEN(46), TAN(46).  
*Cryphaea rutenbergii* C.Müll. MAD(40).  
*Cryphaea scariosa* C.Müll. = *Antitrichia curtispindula* (1521).  
*Cryphaea tenuiretis* Thér. MAD(40).  
*Cryphaea welwitschii* Duby = *Schoenobryum welwitschii* (1291).  
*Cryptoleptodon flexuosus* (Harv.) Ren. & Card. = *C. pluvinii* (301).  
*Cryptoleptodon longisetus* (Mont.) Enroth CAP(301).  
*Cryptoleptodon pluvinii* (Brid.) Broth. ETH(50,301).  
*Ctenidium floribundarioides* Dix. ex Tosco & Piovano TAN(46).  
*Ctenidium mauritanum* Broth. MAS(40).  
*Ctenidium squarriifolium* (Broth.) Broth. CAM(47), CAR(47), CON(47), GAB(47), UGA(46).  
*Cyathophorella africana* (Dix.) Broth. KEN(46), RWA(65), TAN(46), UGA(46).  
*Cyclodictyon albicans* (Hedw.) Kuntze REU(105).  
*Cyclodictyon annobonense* Broth. in Mildbr., *nom. nud.* ANN(47).  
*Cyclodictyon aubertii* (P.Beauv.) O.Kuntze MAD(40), MAL(67), MAU(105), REU(105), TAN(46), ZAI(65), ZIM(61).  
*Cyclodictyon bidentatum* Demar. CAM(47).  
*Cyclodictyon borbonicum* (Besch.) Broth. REU(105), RWA(46), TAN(46), UGA(46), ZAI(65).  
*Cyclodictyon brevifolium* Broth. BUR(65), REU(105), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Cyclodictyon crassicaule* Broth. in Mildbr. RWA(65).  
*Cyclodictyon delicatulum* P.Varde GAB(47), ZIM(46).  
*Cyclodictyon dixonianum* Demar. KEN(46).  
*Cyclodictyon filicuspis* P.Varde GAB(47), PRI(47), ZAI(65).  
*Cyclodictyon hildebrandtii* (C.Müll.) O.Kuntze COM(40), ZAI(65).  
*Cyclodictyon immersum* Broth. & P.Varde GAB(47).  
*Cyclodictyon krebedjense* Broth. in Corb. CAM(47), CAR(47), CON(47), GAB(47), ZAI(65).  
*Cyclodictyon krebedjense* var. *argutidens* P.Varde GAB(47), ZAI(65).  
*Cyclodictyon laete-virens* (Hook. & Tayl.) Mitt. FER(47), MAD(40), SAO(47), ZAI(65), ZIM(61).  
*Cyclodictyon lebrunii* Demar. & P.Varde TAN(46),

- ZAI(65).  
*Cyclodictyon perlimbatum* Broth. TAN(46).  
*Cyclodictyon perrottetii* Demar. & P.Varde REU(105).  
*Cyclodictyon preussii* (Broth.) Broth. CAM(47).  
*Cyclodictyon recognitum* Demar. & P.Varde ANG(46).  
*Cyclodictyon spectabile* Broth. in Mildbr. ZAI(65).  
*Cyclodictyon subbrevifolium* Broth. TAN(46).  
*Cyclodictyon subobtusifolium* Dix. ex Dem. & P.Varde ZAI(65).  
*Cyclodictyon vallis-gratiae* (C.Müll.) O.Kuntze ANG(46), CAM(47), CBS(1531), GAB(47), KEN(46), MAD(40), MAU(105), NAT(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(61).  
*Cyclodictyon vallis-gratiae* fo. *breutelianum* (Hampe) Demar. & P.Varde. Excluded. Any records for this form have been associated with the owning species.  
*Cyclodictyon vesiculosum* (Brid.) O.Kuntze MAU(105), REU(105), TAN(46).  
*Cygnicollum immersum* Fife & Magill CBS(1531).  
*Cynodontium tanganyikae* P.Varde TAN(46).  
*Daltonia angustifolia* var. *angustifolia* Doz. & Molk. CAM(47), MOZ(46), TAN(46).  
*Daltonia angustifolia* var. *strictifolia* (Mitt.) Fleisch. KEN(46), MAD(40), MAL(67), REU(105).  
*Daltonia cardotii* Biz. & Onr. COM(40), MAD(40), TAN(46).  
*Daltonia constricta* P.Varde MOZ(46).  
*Daltonia dusenii* C.Müll. ex Broth. CAM(47).  
*Daltonia eurylooma* P.Varde CAM(47).  
*Daltonia forsythii* Card. MAD(40).  
*Daltonia latimarginata* Besch. COM(40), MAD(40), REU(105).  
*Daltonia latimarginata* var. *madagassa* Ren. MAD(40).  
*Daltonia longinervis* Mitt. FER(47).  
*Daltonia mildbraedii* Broth. KEN(46), RWA(65), TAN(46), ZAI(65).  
*Daltonia mildbraedii* var. *laevis* Demar. & Leroy RWA(65), TAN(46).  
*Daltonia minuta* Thér. TAN(46), ZAI(65).  
*Daltoniamittenii* Kis FER(47), MAL(67), TAN(46).  
*Daltonia onraedtii* Biz. REU(105).  
*Daltonia patula* Mitt., hom. illeg. = *D. mittenii* (46).  
*Daltonia plicata* P.Varde UGA(46).  
*Daltonia splachnoides* (Sm.) Hook. & Tayl. FER(47).  
*Daltonia tortifolia* Demar. & P.Varde ZAI(65).  
*Desmatodon africanus* P.Varde = *Scopelophila cataractae* (1420).  
*Desmatodon bogosicus* C.Müll. = *Tortula bogosica* (1420).  
*Desmatodon convolutus* (Brid.) Grout = *Tortula atrovirens* (1420).  
*Desmatodon corticola* Schimp. in Par., nom. nud. See *Tortula* sp.  
*Desmatodon longipedunculatus* (C.Müll.) Magill = *Henediella longipedunculata* (1420).  
*Dicranella acroclada* Card. MAD(40).  
*Dicranella ascensionica* Mitt. ASC(1296).  
*Dicranella borbonica* Besch. MAS(40).  
*Dicranella borbonica* var. *comorensis* Thér. COM(40).  
*Dicranella borbonica* var. *madagascariensis* Thér. MAD(40).  
*Dicranella borgeniana* (Hampe) Jaeg. ex Par. MAD(40), TAN(46).  
*Dicranella cameruniae* C.Müll. ex Dus. CAM(47), KEN(46).  
*Dicranella cardotii* (R.Br. ter.) Dix. SAF(1500).  
*Dicranella condensata* Aongstr. STH(1296).  
*Dicranella cratericola* Besch. REU(105).  
*Dicranella cygnea* Aongstr. = *Campylopodium proscriptum* (1521).  
*Dicranella densifolia* (Thér. & P.Varde) Thér. & P.Varde CON(47), GAB(47), IVO(44).  
*Dicranella falcularia* C.Müll. ex Dus. CAM(47), GAB(47), GHA(47), GUI(47), IVO(1880), PRI(47).  
*Dicranella flavipes* Besch. REU(105).  
*Dicranella grandispora* Dix. KEN(46).  
*Dicranella heteromalla* (Hedw.) Schimp. KEN(46).  
*Dicranella kenya* Dix. KEN(46), TAN(259).  
*Dicranella madagassa* Ren. COM(40), MAD(40).  
*Dicranella nodicoma* C.Müll. ex Dus. CAM(47), KEN(46).  
*Dicranella pertenella* C.Müll. ex Dus. CAM(47), IVO(1880), ZAI(65).  
*Dicranella pervaginata* Broth. TAN(46).  
*Dicranella pervilleana* Besch. COM(40), MAD(40).  
*Dicranella polii* Ren. & Card. MAD(40).  
*Dicranella proscripta* (Hornsch.) Mitt. in Mell. ASC(506), STH(1296).  
*Dicranella rigida* Dix. ex Sim CBS(1531).  
*Dicranella rivalis* C.Müll. ex Dus. CAM(47),

- KEN(46),ZAI(65).  
*Dicranella subfalcularia* Thér. CAM(47), GAB(47),TOG(1878).  
*Dicranella subsubulata* (Hampe ex C.Müll.) Jaeg. BUR(65), CBS(1531), CAR(47), GAB(47), LES(1635),MAL(46,67),NAT(1531),NIG(47), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65),ZIM(46).  
*Dicranella symonsii* Dix. CBS(1531), LES(1531,1074),NAT(1531),OFS(1531).  
*Dicranella usambarica* P.Varde KEN(46), TAN(46).  
*Dicranodontium humile* P.Varde RWA(65,46), UGA(46).  
*Dicranodontium interruptum* P.Varde MAD(40).  
*Dicranodontium tanganyikae* J.Tayl. ex P.Varde TAN(46).  
*Dicranoloma billardieri* (Brid.)Par. CBS(1531), KEN(46),MAD(40), MAL(67), MAU(105), REU(105),RWA(65),TAN(46),TRV(1531), UGA(46),ZAI(65).  
*Dicranoloma billardieri* var. *drepanocladium* (C.Müll.)P.Varde TAN(46),ZAI(65).  
*Dicranoloma billardieri* var. *patentifolium* (Ren. & Par.)Thér. MAD(40),TAN(46).  
*Dicranoloma billardieri* var. *scopareolum* (C.Müll.)Thér. COM(40),MAD(40),REU(105), TAN(46).  
*Dicranoloma borbonicum* Ren. & Card. REU(105).  
*Dicranoloma cataractarum* Demar. & P.Varde ZAI(65).  
*Dicranoloma entabeniense* Magill TRV(1531).  
*Dicranoloma onraedtii* Biz. REU(105).  
*Dicranowesia africana* Dix. KEN(46),TAN(46).  
*Dicranum acanthoneurum* C.Müll. KEN(46), RWA(65),TAN(46),ZAI(65).  
*Dicranum jashii* var. *latifolium* Thér. & Nav. ZAI(65).  
*Dicranum johnstonii* Mitt. BUR(65), GAB(47), KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Dicranum kilimandscharicum* Broth. TAN(46).  
*Dicranum obliquatum* Mitt. FER(47).  
*Dicranum petrophyllum* Negri UGA(46).  
*Dicranum stuhlmanii* Broth. = *D. johnstonii* (46)  
*Didymodon abyssinicus* Schimp. ex Par., *nom. nud.* ETH(50).  
*Didymodon acutus* (Brid.) Saito = *D. rigidulus* var. *gracilis* (1420).  
*Didymodon afrorubellus* Broth. & Wag. in Dix. = *Bryoerythrophyllum afrorubellum* (1420) (= *B. campylocarpum*).  
*Didymodon asperifolius* (Mitt.) Crum et al. KEN(46).  
*Didymodon australasiae* (Hook. & Grev.) Zander CBS(1531),ETH(1865),LES(1531),NAM(1531), NAT(1531),OFS(1531),TRV(1531).  
*Didymodon capitatus* Dix. ETH(50).  
*Didymodon ceratodonteus* (C.Müll.) Dix. BOT(1531),CBS(1531),LES(1531),MOZ(46), NAM(1531), NAT(1531), OFS(1531), TRV(1531),ZIM(46).  
*Didymodon distans* (Hoppe) Jaeg. = *Trichostomum distans* (1420).  
*Didymodon eckendorffii* P.Varde CAR(47), TOG(1878).  
*Didymodon guineensis* Broth. & Par. GUI(47).  
*Didymodon integrifolius* var. *integrifolius* Broth. RWA(65).  
*Didymodon integrifolius* var. *paucidentatus* Thér. = *Bryoerythrophyllum campylocarpum* (1420).  
*Didymodon jackvancei* Zander LES(1531).  
*Didymodon michiganensis* (Steere) K.Saito ETH(758),REU(758).  
*Didymodon papillinervis* (Dix. ex Herz.) Demar. = *Bryoerythrophyllum recurvirostrum* (1420).  
*Didymodon paucidentatus* (C.Müll.) Broth. = *Bryoerythrophyllum campylocarpum* (1420).  
*Didymodon recurvirostris* (Hedw.) Jenn. = *Bryoerythrophyllum recurvirostrum* (1521).  
*Didymodon recurvirostris* var. *angustifolius* (P.Varde) Demar. = *Bryoerythrophyllum recurvirostrum* var. *angustifolium* (46) (= *B. campylocarpum*).  
*Didymodon rigidifolius* Dix. = *Bellibarbula recurva* (1420).  
*Didymodon rigidulus* var. *acutus* Biz. TAN(46).  
*Didymodon rigidulus* var. *gracilis* (Schleich. ex Hook. & Grev.)Zander KEN(411),SUD(1419).  
*Didymodon subfontanus* Dix. MAL(67).  
*Didymodon sublingulatus* Dix. = *Bryoerythrophyllum campylocarpum* (1420).  
*Didymodon subrevolutus* (Hampe) Broth. MAD(40).  
*Didymodon subulirostris* Schimp. ex Par., *nom. nud.* ETH(50).  
*Didymodon tophaceopsis* Zander CBS(1531), LES(1531), NAM(1531), NAT(1531), OFS(1531),ZAM(62),ZIM(46).  
*Didymodon tophaceus* (Brid.) Lisa Sollman (pers. comm.) has seen specimens of this taxon from

- South Africa, and it is likely that some collections listed for *D. ceratodonteus* may belong here.
- Didymodon tophaceus* fo. *humilis* (Schimp.) Marg. = *Barbula tophaceus* var. *humilis* (1420).
- Didymodon trivialis* (C.Müll.) Guerra CBS(1531), LES(1531), NAT(1531), OFS(1531).
- Didymodon xanthocarpus* (C.Müll.) Magill CBS(1531), LES(1531), NAT(1531), TRV(1531).
- Dimerodontium africanum* C.Müll. CBS(1531), NAT(1531), TRV(1531).
- Dimerodontium kenyae* Dix. ex Tosco & Piovano KEN(46).
- Diphyscium pocsii* (Biz.) Zander TAN(46).
- Diplostichum longirostre* (Brid.) Mont. = *Eustichia longirostris* (83).
- Distichium capillaceum* (Hedw.) BS&G CAM(47), ETH(50), LES(1531), MAD(40), NAT(1531), TAN(46).
- Distichium kilimandscharicum* C.Müll. KEN(46), TAN(46).
- Distichophyllidium africanum* Demar. & P.Varde TAN(46), ZAI(65).
- Distichophyllum annobonense* Broth. in Mildbr., nom. nud. ANN(47).
- Distichophyllum mascarenicum* Besch. REU(105), SEY(40).
- Distichophyllum mniifolium* (Hornsch.) Sim CBS(1531), TAN(46).
- Distichophyllum procumbens* Mitt. CAM(47), FER(47), GHA(47).
- Distichophyllum rakotomariae* Crosby MAD(40).
- Distichophyllum rigidicaule* (Dus.) Broth. CAM(47), GAB(47), IVO(1880).
- Distichophyllum rigidicaule* var. *gabonense* (P.Varde) P.Varde GAB(47), ZAI(65).
- Ditrichum brachypodium* (C.Müll.) Broth. CBS(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZIM(61).
- Ditrichum difficile* (Duby) Fleisch. CBS(1531,1882), KEN(46), MAD(40), MAL(67), MAU(105), NAT(1531), REU(105), RWA(65), SWA(1531), TAN(46), TRV(1531), ZIM(61).
- Ditrichum luteum* Dix. & Thér. MAD(40).
- Ditrichum madagassum* (Ren. & Card.) Par. MAD(40).
- Ditrichum pallidum* (Hedw.) Hampe KEN(46), MAD(40), TAN(46), UGA(46), ZAI(65).
- Ditrichum postscriptum* Hornsch. = *Campylopodium proscriptum* (1521).
- Ditrichum punctulatum* Mitt. CBS(1531), NAT(1531).
- Ditrichum strictum* (Hook.f. & Wils.) Hampe LES(1531), NAT(1531).
- Ditrichum tisserantii* P.Varde ANG(46).
- Donnellia laxiuscula* (Card.) Buck ZAI(65).
- Donnellia matutina* Buck RWA(65), ZAI(65).
- Drepanocladus aduncus* (Hedw.) Warnst. KEN(46), RWA(65), ZAI(65), ZIM(61).
- Drepanocladus exannulatus* (Schimp.) Warnst. = *Warnstorfia exannulata* (453).
- Drepanocladus fluitans* (Hedw.) Warnst. = *Warnstorfia fluitans* (1124).
- Drepanocladus fluitans* var. *monodii* P.Varde = *Warnstorfia fluitans* (According to Ochyra (pers. comm.) this is just an aquatic phenotype of otherwise typical *W. fluitans*.)
- Drepanocladus hallii* Broth. & Dix. CBS(1531), NAT(1531).
- Drepanocladus hallii* Broth. & Dix. According to Ochyra (pers. comm.) the type of this taxon is *D. sendtneri*, but this has not yet been published.
- Drepanocladus sparsus* C.Müll. CBS(1531), LES(1531), NAT(1531), OFS(1531), TRV(1531), ZIM(46).
- Drepanocladus sparsus* C.Müll. 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.
- Drepanocladus uncinatus* (Hedw.) Warnst. = *Sanionia uncinata* (453).
- Eccremidium exiguum* (Hook.f. & Wils.) Hampe NAT(1531), TRV(1531).
- Ectropothecium affine* Broth. TAN(46).
- Ectropothecium afro-molluscum* Broth. CAM(47), CAR(47), GAB(47), GHA(47), SIL(47), TAN(46), ZAI(65).
- Ectropothecium anisophyllum* Broth. CAM(47), CAR(47), CON(47), GAB(47), GUI(47), IVO(1880), LIB(47), ZAI(65).
- Ectropothecium aureo-crispum* Broth. CAM(47).
- Ectropothecium bingerianum* Par. & Broth. GUI(47).
- Ectropothecium brachycarpum* (Dix.) Magill CBS(1531), MOZ(46), NAT(1531), TRV(1531), ZIM(61).
- Ectropothecium brachycladulum* (C.Müll.) Broth. IVO(1880), TAN(46).
- Ectropothecium brevifalcatum* (C.Müll.) Kindb.

- CAM(47), GUI(47), MAI(47), SAO(47), TOG(1878).
- Ectropothecium buluense* Broth., *nom. nud.* TAN(46).
- Ectropothecium capillisetum* (C.Müll.) Kindb. ANG(46).
- Ectropothecium chenagonii* Ren. & Card. MAD(40).
- Ectropothecium chenagonii* var. *hamatulium* Ren. & Card. MAD(40).
- Ectropothecium dafilae* Broth. & Par. GUI(47).
- Ectropothecium diffusum* (Mitt.) Jaeg. FER(47), PRI(47).
- Ectropothecium doliare* Mitt. ROD(105).
- Ectropothecium dolosum* Card. ZAI(65).
- Ectropothecium drepanophyllum* Broth. SAO(47).
- Ectropothecium duemmeri* Dix. TAN(46), UGA(46).
- Ectropothecium engleri* Broth. TAN(46).
- Ectropothecium engleri* var. *planissimum* Broth. LIB(47), TAN(46).
- Ectropothecium fiorinae* Tosco & Piovano TAN(46).
- Ectropothecium guineense* Par. & Broth. GUI(47), IVO(47).
- Ectropothecium intertextum* Ren. & Card. MAD(40), MAU(105).
- Ectropothecium isopterygioides* Broth., *nom. nud.* TAN(46).
- Ectropothecium latericola* Broth. CAM(47), KEN(46), UGA(46).
- Ectropothecium leptoblastum* Broth., *nom. nud.* TAN(46).
- Ectropothecium mauritianum* Ren. & Card. MAD(40), MAU(105).
- Ectropothecium micro-pyxis* Broth., *nom. nud.* TOG(58).
- Ectropothecium mollicellum* (Mitt.) Jaeg. CAM(47).
- Ectropothecium occultum* Ren. & Card. COM(40), MAD(40), REU(105).
- Ectropothecium paillotii* Ren. & Card. MAD(40), MAU(105), ZIM(61).
- Ectropothecium perrevolutum* P.Varde CAR(47), GUI(47), IVO(1880), TOG(1878).
- Ectropothecium perrieri* Thér. MAD(40).
- Ectropothecium perrotii* Ren. & Card. MAD(40), MAL(67), TRV(1531), ZAI(65), ZIM(46,61).
- Ectropothecium protractulum* (C.Müll.) Broth. COM(40).
- Ectropothecium regulare* (Brid.) Jaeg. BUR(65), CAM(47), CBS(1531), COM(40), CON(47), GAB(47), GUI(47), IVO(1880), MAD(40), MAL(67), MAU(105), NAT(1531), REU(105), SIL(47), TAN(46), TRV(1531), ZAM(62), ZIM(46,61).
- Ectropothecium regulare* var. *angustifolium* Thér. MAU(105).
- Ectropothecium regulare* var. *laxitextum* Thér. REU(105).
- Ectropothecium revolutum* Broth. CAM(47), IVO(1880), TAN(46), ZAI(65).
- Ectropothecium sericeum* P.Varde TAN(46).
- Ectropothecium seychellarum* Besch. MAD(40), SEY(40).
- Ectropothecium subulosum* Mitt. ROD(105).
- Ectropothecium tamatavense* Broth. MAD(40).
- Ectropothecium taxiforme* (Brid.) Broth. ANN(47), CAM(47), LIB(47).
- Ectropothecium triviale* (C.Müll.) Kindb. FER(47).
- Ectropothecium valentinii* Besch. MAU(105), REU(105).
- Ectropothecium valentinii* var. *minus* Ren. MAU(105).
- Ectropothecium viridulum* (Brid.) Jaeg. REU(105).
- Encalypta ciliata* Hedw. CBS(1531), ETH(50), LES(1531), NAT(1531), OFS(1531), TAN(46).
- Encalypta cuspidata* B&S ex C.Müll. ETH(50).
- Encalypta hedbergii* P.Varde TAN(46).
- Encalypta vulgaris* Hedw. CBS(1531), LES(1531).
- Encalypta vulgaris* var. *intermedia* Dix. ERI(50).
- Entodon adyris* Buck ZAI(65).
- Entodon breve* (Schimp.) Par. ETH(50).
- Entodon brevirameus* Dix. = *E. macropodus* (53).
- Entodon cameruniae* C.Müll. in Par., *nom. nud.* = *Entodontella cameruniae* (715).
- Entodon corbieri* Ren. & Card. MAD(40).
- Entodon cymbifolius* Wager ex Dix. LES(1531), NAT(1531), TRV(1531), ZIM(46).
- Entodon denticuspis* P.Varde UGA(46), ZAI(715).
- Entodon dregeanus* (Hornsch.) C.Müll. = *E. macropodus* (70).
- Entodon dregeanus* var. *borbonicus* Ren. & Card. REU(105).
- Entodon dregeanus* var. *borbonicus* Ren. & Card. *E. dregeanus* is now a synonym of *E. macropodus* (70). This variety is also in need of revision.
- Entodon felicis* Ren. & Card. MAD(40).
- Entodon felicis* var. *julaceus* Ren. & Card.

- MAD(40).
- Entodon geminidens* (Besch.) Broth. CAM(47), REU(715), TAN(46), TRV(1531).
- Entodon lacunosus* Broth. TAN(46).
- Entodon macropodus* (Hedw.) C.Müll. BUR(65), CBS(1531), KEN(46), MAL(67,70), NAT(1531), NIG(334), OFS(1531), RWA(65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(46), ZIM(46,70).
- Entodon madagassus* Geh. MAD(40).
- Entodon motelayi* (Besch.) Par. MAU(105,715).
- Entodon natalensis* Rehm. ex C.Müll. LES(1531), NAT(1531), TRV(1531).
- Entodon pivanoi* Biz. ETH(715), TAN(46).
- Entodon pseudo-seductrix* C.Müll. CAP(1296).
- Entodon rutenbergii* Geh. MAD(40).
- Entodon stereophylloides* Broth. TAN(46), UGA(715).
- Entodon subcompressus* (C.Müll.) Fleisch., *nom. nud.* ETH(50), TAN(46).
- Entodon subgeminidens* P.Varde CAR(47), CON(715).
- Entodon usambaricus* Broth. KEN(46), TAN(46).
- Entodon vulcanicus* Demar. & Leroy KEN(46), RWA(65), TAN(46), ZAI(65).
- Entodontella cameruniae* Broth. CAM(47), GUI(47).
- Entodontopsis leucostega* (Brid.) Buck & Ireland ANG(46), TOG(1878).
- Entodontopsis nitens* (Mitt.) Buck ANG(46), CAM(47), CAR(47), COM(40), FER(47), GAB(47), GHA(47), GUI(47,1458), IVO(1458,1880), KEN(411), LIB(47), MAD(40), MAL(67), NIG(47,334), RWA(65), TAN(46), TOG(1878), UGA(46), ZAI(65), ZAM(62).
- Entodontopsis rhynchostegioides* (Broth. & Par.) Buck & Ireland GUI(47).
- Entodontopsis rufescens* (Broth.) Buck & Ireland TAN(46).
- Entodontopsis tenuinervis* (Broth.) Buck & Ireland CAR(47), GHA(47), GUI(1458,47), MAD(40), MAL(67), NIG(334), SIL(47), ZAI(65).
- Entosthodon amblyodon* Schimp. in Jaeg. ETH(50).
- Entosthodon bergianus* (Hornsch.) C.Müll. CBS(1531), LES(1531), NAM(1531), NAT(1531), OFS(1531), TRV(1531).
- Entosthodon borbonicus* Besch. MAD(40), MAU(105), REU(105), RWA(65).
- Entosthodon clavatus* Mitt. CBS(1531).
- Entosthodon curvipes* (C.Müll.) C.Müll. CAM(47), ETH(50).
- Entosthodon curvipes* var. *robustior* C.Müll. ETH(50).
- Entosthodon dixonii* Sim TRV(1531), ZIM(46,61).
- Entosthodon hildebrandtii* C.Müll. KEN(46), TAN(46).
- Entosthodon holstii* (Broth.) Par. TAN(46).
- Entosthodon lepervanchei* Besch. REU(105).
- Entosthodon limbatus* C.Müll. CBS(1531), NAT(1531), TAN(1410), TRV(1531), ZIM(61).
- Entosthodon marginatulus* C.Müll. ex Geh. MAD(40).
- Entosthodon marginatus* C.Müll. TAN(46), ZAM(46), ZIM(46).
- Entosthodon mauritanus* Schimp. ex Besch. MAU(105).
- Entosthodon pertenellus* (Broth.) Kis TAN(46).
- Entosthodon rottleri* (Schwaegr.) C.Müll. CBS(1531), LES(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531).
- Entosthodon urceolatus* Mitt. CBS(1531), NAT(1531), OFS(1531), ZIM(61).
- Entosthodon usambaricus* (Broth.) Par. TAN(46).
- Entosthodon volkensii* (Broth.) Par. KEN(46), TAN(46), UGA(46), ZAI(65).
- Entosthodon wichuræ* Fleisch. UGA(46).
- Ephemerum capense* C.Müll. CBS(1531).
- Ephemerum diversifolium* Mitt. in Harv. CBS(1531).
- Ephemerum namaquense* Magill CBS(1531).
- Ephemerum pechuelii* C.Müll. CAR(47), NIG(334), ZAI(65).
- Ephemerum perminutum* C.C.Townsend TAN(46).
- Ephemerum rehmannii* (C.Müll.) Broth. CBS(1531), NAT(1531), OFS(1531), ZIM(46).
- Epipterygium convalleum* Dus. CAM(47).
- Epipterygium diversifolium* Ren. & Card. MAD(40).
- Epipterygium tozeri* (Grev.) Lindb. RWA(65).
- Eriopus cristatus* (Hedw.) Brid. = *Calyptrochaeta cristata* (See "New Combinations").
- Erpodium beccarii* C.Müll. ex Vent. BOT(1531), ERI(50), KEN(46), MAD(40), NAM(1531), NAT(1531), OFS(1531), SOM(50), TAN(46), TRV(1531), ZAM(46), ZIM(46,61).
- Erpodium biseriatum* (Aust.) Aust. TAN(46).
- Erpodium coronatum* (Hook. & Wils.) Mitt.

- BUF(47), BUR(65), CAM(47), CAR(47), GUI(47,1458), IVO(1458), MAI(47), NIG(334), SEN(47), ZAI(1410), ZAM(62).
- Erpodium distichum* Wag. & Dix. NAT(273), TRV(1531).
- Erpodium grossirete* C.Müll. MOZ(46), NAM(1531), ZIM(46,61).
- Erpodium hanningtonii* Mitt. = *E. beccarii* (46).
- Erpodium holstii* Broth. KEN(46), TAN(46).
- Erpodium madagassum* Par. & Ren. MAD(40).
- Erpodium perrottetii* (Mont.) Jaeg. & Sauerb. SEG(273).
- Erpodium pobeguinii* Par. & Broth. = *E. coronatum* (273).
- Erpodium schimperii* C.Müll. ex Jaeg., *nom. nud.* ETH(50).
- Erpodium theriotii* Broth. in Corb. SEN(47).
- Erpodium transvaaliense* Broth. & Wag. ex Dix. NAM(1531), NAT(1531), TRV(1531).
- Erythrodontium barteri* (Mitt.) Broth. ANG(46), CAM(47), CAR(47), GAB(47), GUI(47), IVO(63), NIG(47,334), TOG(1878).
- Erythrodontium bicolor* Gepp in Hiern, *hom. illeg.* ANG(46).
- Erythrodontium cameruniae* C.Müll. CAM(47), GUI(47).
- Erythrodontium engleri* (Broth.) Par. KEN(46), MAL(67), TAN(46), UGA(46).
- Erythrodontium julaceum* Hook. STH(1296).
- Erythrodontium lacoutourei* Ren. & Card. MAD(40).
- Erythrodontium lamoruense* Thér. KEN(46).
- Erythrodontium perjulaceum* Par., *nom. nud.* CAM(47), GUI(47).
- Erythrodontium rotundifolium* (C.Müll.) Par. TAN(46), ZIM(46).
- Erythrodontium squarrosum* (Hampe) Par. GUI(1458), IVO(1458), RWA(65).
- Erythrodontium subbiforme* (Ren. & Card.) Broth. ZAI(65).
- Erythrodontium subjulaceum* (C.Müll.) Par. ANG(46), CAM(47), CAR(47), GAB(47), GUI(47), KEN(46), MAL(67), NIG(334), RWA(65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(62), ZIM(61).
- Erythrodontium subjulaceum* var. *chalcophyl- lum* (Thér. & P.Varde) P.Varde CAR(47).
- Erythrodontium subjulaceum* var. *impolitum* Gepp. ANG(46).
- Erythrodontium vanderystii* Card. ZAI(65).
- Eucladium verticillatum* (Brid.) BS&G RWA(65), TAN(46), ZAI(65).
- Eurhynchiella decurrens* P.Varde KEN(46), RWA(46), TAN(46), UGA(46), ZAI(65).
- Eurhynchium acicladium* Besch. REU(105).
- Eurhynchium hians* (Hedw.) Sande Lac. IVO(44), KEN(46), TAN(46), UGA(46).
- Eurhynchium praelongum* var. *praelongum* BS&G = *Kindbergia praelonga* var. *praelonga* (1640)
- Eurhynchium praelongum* var. *stokesii* (Turn.) Dix. = *Kindbergia praelonga* var. *stokesii* (1640)
- Eurhynchium spiculosum* (Mitt.) Jaeg. CAM(47).
- Eurhynchium spinulinerve* Card. MAD(40).
- Eurhynchium stokesii* Turn. = *E. praelongum* var. *stokesii* (1521) (= *Kindbergia praelonga* var. *stokesii*).
- Eurhynchium stokesii* var. *teneriffae* Ren. & Card. = *E. praelongum* (1295) (= *Kindbergia praelonga* var. *praelonga*).
- Eurhynchium striatum* (Hedw.) Schimp. MAD(40).
- Eurhynchium tenuivagum* (C.Müll. ex Broth.) Buck CAM(47), CAR(47), KEN(46), UGA(46).
- Eustichia longirostris* (Brid.) Brid. LES(1531), MAD(40), NAT(1531), OFS(1531), REU(105).
- Fabronia abyssinica* C.Müll. CBS(1531), DJI(1569), ERI(50), ETH(50), KEN(46), NAT(1531), SUD(1419), TAN(46), TRV(1531), ZAI(65), ZAM(46), ZIM(46).
- Fabronia angolensis* Welw. & Duby = *F. pilifera* (46)
- Fabronia bizotii* Pócs CAM(47).
- Fabronia breutelii* Hampe in C.Müll. CBS(1531).
- Fabronia campenonii* Ren. & Card. MAD(40).
- Fabronia claviramea* Broth. in Mildbr. RWA(65).
- Fabronia condensata* Schimp. ex Jaeg. ETH(50).
- Fabronia congolensis* Card. TAN(46), ZAI(65).
- Fabronia crassiretis* Ren. & Card. CAM(47), MAD(40).
- Fabronia eckloniana* Hampe in C.Müll. CBS(1531).
- Fabronia fastigiata* Ren. & Card. MAD(40).
- Fabronia fastigiata* var. *asperula* Ren. & Par. MAD(40).
- Fabronia garnieri* (Par. & Ren.) Ren. & Par. MAD(40).
- Fabronia goetzei* Broth. TAN(46).
- Fabronia gueinzii* Hampe CBS(1531), NAT(1531), TAN(259), TRV(1531).
- Fabronia lachenaudii* Ren. MAD(40).
- Fabronia lachenaudii* var. *nairobiensis* Thér. & P.Varde CAR(47), KEN(46).



- Fabronia leikipiae* C.Müll. CBS(1531),KEN(46), TAN(46,259),TRV(1531),ZAM(62),ZIM(46).
- Fabronia longipila* Broth. KEN(46),TAN(46), UGA(46),ZAM(46).
- Fabronia longipila* var. *gracilis* Broth. TAN(46).
- Fabronia motelayi* Ren. & Card. MAD(40).
- Fabronia perciliata* C.Müll. CBS(1531), NAT(1531),TRV(1531).
- Fabronia pilifera* Hornsch. ANG(46),BOT(1531), BUF(47), CBS(1531), CAR(47), ETH(50), KEN(46),LES(1531),MAL(67),MOZ(357), NAT(1531),OFS(1531),SWA(1531),TAN(46), TRV(1531),UGA(46),ZAI(65),ZAM(46,62), ZIM(46).
- Fabronia pobeguini* Broth. & Par. CAR(47), GUI(47).
- Fabronia pobeguini* var. *subintegrifolia* Par. GUI(47).
- Fabronia pocsii* var. *cameruniae* Bizot = *F. bizotii* (108).
- Fabronia pocsii* var. *pocsii* Bizot ETH(1886).
- Fabronia rehmannii* C.Müll. CBS(1531),ERI(50), MAL(67),NAT(1531),SWA(1531),TRV(1531), ZIM(46).
- Fabronia schimperiana* Hampe ex Jaeg., *hom. illeg.* ETH(50),TAN(46).
- Fabronia socotrana* Mitt. SOC(40).
- Fabronia trichophora* Card. ANG(46).
- Fabronia trichophylla* C.Müll. ERI(50).
- Fabronia victoriae* Dix. CBS(1531),TRV(1531), ZIM(46).
- Fabronia villaumii* Ren. & Card. MAD(40).
- Fabronia wageri* Dix. CBS(1531).
- Fissidens acanthophyllus* P.Varde = *F. smiliioides* (1749).
- Fissidens aciphyllus* Dix. CBS(1531),NAT(1531), OFS(1531),TRV(1531).
- Fissidens aegrotus* Biz. = *F. asplenioides* var. *aegrotus* (1748).
- Fissidens afropapillosus* P.Varde KEN(46).
- Fissidens ake-assii* Bizot & Dury TOG(4).
- Fissidens algarvicus* Solms TAN(46).
- Fissidens alomoides* C.Müll. ex Dus. CAM(47), CAR(47),GUI(47),IVO(47,1880),SIL(47).
- Fissidens ambiguus* Biz. ex Pócs = *F. intramarginatus* (90).
- Fissidens amblyophyllus* C.Müll. = *F. asplenioides* (90).
- Fissidens androgynous* Bruch & Krauss = *F. bryoides* (82).
- Fissidens angolensis* Welw. & Duby ANG(46), KEN(46),TAN(46),UGA(46).
- Fissidens angustinervis* Thér. MAD(40).
- Fissidens aoristoloma* P.Varde = *F. borgenii* (90).
- Fissidens arbogastii* Ren. & Card. = *F. zippelianus* (76).
- Fissidens arboreus* Broth. TOG(1878).
- Fissidens arenivagus* P.Varde ZAI(65).
- Fissidens argyroloma* P.Varde GAB(47).
- Fissidens asplenioides* Hedw. CAM(47), CBS(1531),COM(105,40),GUI(47),KEN(46), MAD(40),MAL(67),MAS(40),NAT(1531), REU(105),RWA(65),TAN(46),TRV(1531), ZAI(65),ZAM(62),ZIM(46).
- Fissidens asplenioides* var. *aegrotus* (Biz.)Brugg-Nann., Pursell & Iwats TAN(46).
- Fissidens asselii* Biz. CAR(47,1749).
- Fissidens atroviridis* Besch. COM(40),MAD(40), MAU(105),TAN(46),ZAM(46).
- Fissidens badoglioi* Tong. ETH(50).
- Fissidens bambariensis* P.Varde = *F. desertorum* (1749).
- Fissidens basicarpus* C.Müll. LIB(47).
- Fissidens bessouensis* Corb. CAR(47), ZAI(65,1552).
- Fissidens bocarangensis* P.Varde CAR(47).
- Fissidens bogosicus* C.Müll. in De Vent. ERI(41).
- Fissidens boivinianus* var. *boivinianus* Besch. = *F. asplenioides* (1748).
- Fissidens boivinianus* var. *longifolius* Besch. MAS(40),TAN(46).
- Fissidens boivinianus* var. *major* Par., *nom. nud.* MAS(40).
- Fissidens bonnotii* Bizot CAR(1749),GAB(47), TAN(46).
- Fissidens borgenii* Hampe BUF(47),CAM(47), CBS(1531),CAR(47,1749),CHA(90),CON(47), GAB(47), IVO(1880), LIB(47), MAD(90), MOZ(46),NAT(1531),NIG(47,334),OFS(1531), RWA(65), SAF(90), SIL(47), TAN(46), TRV(1531),ZAI(65),ZIM(46).
- Fissidens boryanus* Besch. MAS(40).
- Fissidens brachycaulon* Broth. TAN(46).
- Fissidens brenanii* P.Varde CAM(47).
- Fissidens brevifrons* Mitt. ROD(105).
- Fissidens brotheri* Par. TOG(58).
- Fissidens brunthaleri* Broth. CAR(47),NIG(47), TAN(46).
- Fissidens brunthaleri* var. *filipes* Dix. & P.Varde CAR(47).

- Fissidens bryoides* Hedw. ANG(46), CAM(47), CBS(1531), CAR(47,1749), ETH(50), GAB(47), GHA(47), GUI(47), IVO(63,1880), KEN(46), LES(1531), MAL(67), MAS(40), NAT(1531), NIG(47,334), OFS(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46).
- Fissidens bryoides* ssp. *viridulus* (Sw.) Kindb. CAM(47).
- Fissidens bryoides* var. *crispulus* (Brid.) Wijk & Marg. MAS(40).
- Fissidens bryoides* var. *longifolius* (Brid.) Hampe MAS(40).
- Fissidens bryum* C.Müll. ex Dus. CAM(47), CAR(90,1749), GAB(47), GUI(47), NIG(47,334), RWA(65), ZAI(65).
- Fissidens bryum* var. *terrestris* P.Varde GAB(47).
- Fissidens buettneri* Broth. CAR(47,1749), GHA(47), GUI(47), IVO(1880), LIB(47), TOG(58).
- Fissidens bukobensis* Broth. in Mild. = *F. intramarginatus* (90)
- Fissidens cadetii* Biz. REU(105).
- Fissidens calabariae* C.Müll. ex Dusen. = *F. laxus* (90).
- Fissidens calcicolus* C.Müll. SOM(50).
- Fissidens caloglottis* C.Müll. = *F. asplenioides* (1748).
- Fissidens cameruniae* C.Müll. = *F. zippelianus* (76).
- Fissidens capriensis* Magill NAM(1531).
- Fissidens casamancae* Card. SEN(47).
- Fissidens cataractarum* Demar. & P.Varde ZAI(65).
- Fissidens centrafricanus* Biz. CAR(47,1749), GUI(47).
- Fissidens chevalieri* Corb. CAR(47), NIG(334).
- Fissidens chioneuros* C.Müll. = *F. helenicus* (1854, p. 18).
- Fissidens comorensis* C.Müll. COM(40), MAD(40), MAS(40), NIG(334), TAN(46).
- Fissidens comorensis* var. *acuminatus* Besch. COM(40), MAD(40).
- Fissidens comorensis* var. *sordidus* Ren. & Card. MAD(40).
- Fissidens congolensis* Ren. & Card. BEN(47), CAM(47), CAR(47,1749), GAB(47), GHA(47), GUI(47), MAL(67), NIG(47), SIL(47), TAN(46), ZAI(65).
- Fissidens coriaceifolius* C.Müll. = *F. zippelianus* (76).
- Fissidens corrugatulus* Dix. ZAM(62), ZIM(46,61).
- Fissidens crassipes* ssp. *warnstorffii* (Fleisch.) Brugg.-Nann. TAN(46), ZAM(46), ZIM(61,46).
- Fissidens crassipes* var. *philibertii* Besch. = *F. crassipes* ssp. *warnstorffii* (1898).
- Fissidens crateris* Dix. = *F. bryoides* (90).
- Fissidens crateris* var. *sererikae* Dix. = *F. bryoides* (90).
- Fissidens cremersii* Biz. & Onr. = *F. laxus* (90).
- Fissidens crispatulus* Ren. & Card. = *F. zippelianus* (76).
- Fissidens crispifolius* Broth. & P.Varde CAR(47), GAB(47), NIG(47).
- Fissidens crispopachyloma* Dix. = *F. leucocinctus* (90).
- Fissidens crispulus* Brid. MAS(40).
- Fissidens cryptoneuron* P.Varde CAR(47), GUI(47), MAD(40), UGA(46), ZAM(46).
- Fissidens curvatus* Hornsch. CBS(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZIM(46,61).
- Fissidens curvifolius* Mitt. NIG(47,334), TAN(46).
- Fissidens cuynetii* Biz. ex Pócs UGA(46).
- Fissidens danckelmannii* C.Müll. EGU(47).
- Fissidens darntyi* Schimp. CAM(47), IVO(1880), MAD(40), MAU(105), REU(105), TAN(46).
- Fissidens dasyphus* Welw. & Duby ANG(46), ZAI(65).
- Fissidens decaryi* Biz. MAD(40).
- Fissidens dendeliensis* Par. & Broth. CAM(47), GAB(47), GUI(47), NIG(334).
- Fissidens desertorum* (C.Müll.)Par. CAR(47,1749), NIR(79), NIG(47), TAN(46), TOG(1878), ZAI(65).
- Fissidens deslooveri* Biz. = *F. intramarginatus* (90).
- Fissidens diaphanodontus* (P.Varde) Biz. CAR(47), TAN(46).
- Fissidens diaphanus* Biz. CAM(47), CAR(47,1749), IVO(1880), NIG(47).
- Fissidens dispersus* Card. = *F. laxus* (90).
- Fissidens dubiosus* Dix. GAB(47).
- Fissidens dubiosus* var. *fluitans* P.Varde GAB(47).
- Fissidens dubyanus* Jaeg. ANG(46), GAB(47), GUI(47).
- Fissidens durus* Par. & Broth. CAR(47), GUI(47).
- Fissidens eckendorffii* P.Varde CAM(47), CAR(47,1749), NIG(334).
- Fissidens eenii* Biz. = *F. papillosus* (580).
- Fissidens ellipticus* Besch. REU(105).
- Fissidens enervis* Sim NAT(1531), TAN(46), ZIM(61).
- Fissidens enervis* ssp. *hedbergii* (P.Varde) Biz. TAN(46), ZAM(46).

- Fissidens erikssonii* Bartr. SEY(40).  
*Fissidens erosulus* (C.Müll.) Par. BOT(1531), CBS(1531), CAR(47), LES(1635), MOZ(46), NAT(1531), SWA(1531), TRV(1531), UGA(46), ZAM(62), ZIM(46).  
*Fissidens eschowensis* Broth. & Bryhn = *F. submarginatus* (82).  
*Fissidens eurylooma* P.Varde GAB(47).  
*Fissidens exasperatus* Ren. & Card. = *F. papillosus* Sande Lac (76).  
*Fissidens fasciculatus* Hornsch. CBS(1531), NAT(1531), TRV(1531).  
*Fissidens ferrugineus* C.Müll. MAD(40), REU(105).  
*Fissidens filicicola* Par. & Broth. GUI(47).  
*Fissidens flaccidus* Mitt. NIG(47,334), ROD(105), ZIM(61).  
*Fissidens flavo-limbatus* Besch. = *F. intramarginatus* (90).  
*Fissidens fluminalis* Dus. CAM(47), CAR(47), GUI(47).  
*Fissidens fontanus* (Pyl.) Stend. = *F. palmifolius* (85).  
*Fissidens fouta-djallonii* Par. = *F. gardneri* (1470).  
*Fissidens foveolatus* Card. SEN(47), ZAI(65).  
*Fissidens fremyi* P.Varde = *F. zippelianus* (76).  
*Fissidens fusco-lutescens* Card. = *F. zippelianus* (76).  
*Fissidens gabonensis* Broth. & P.Varde GAB(47).  
*Fissidens gardneri* Mitt. CAR(47), GUI(47), NIG(47,334), SEN(47), TAN(46).  
*Fissidens ghanae* Biz. = *F. laxus* (90).  
*Fissidens gibbonii* Biz.ex Pócs = *F. intramarginatus* (90).  
*Fissidens gladiolus* Mitt. CAR(47,1749), GAB(47), NIG(47,334), TAN(46), UGA(46).  
*Fissidens glaucescens* Hornsch. CBS(1531), KEN(46), LES(1531), MAS(40), NAT(1531), OFS(1531), SWA(1531), TAN(46), TRV(1531), ZAI(65), ZAM(62), ZIM(46,61).  
*Fissidens glaucissimus* Welw. & Duby ANG(46), CAM(47), CAR(47,1749), GAB(47), GUI(47), IVO(1880), NIG(47,334), PRI(47), SAO(47), TAN(46), TOG(58), UGA(46), ZAI(65).  
*Fissidens glaucissimus* var. *minor* Welw. & Duby ANG(46).  
*Fissidens glaucopteris* C.Müll.ex Dus. IVO(1880), LIB(47), SIL(47), TOG(1878).  
*Fissidens glauculus* C.Müll.ex Dus. BUF(1423), CAM(47), CAR(47,1749), GAB(47), GHA(47), GUI(47), IVO(63,1880), LIB(47), NIG(47,334), TOG(1878), UGA(46), ZAI(65).  
*Fissidens glauculus* ssp. *dupuisii* (Ren. & Card.) P.Varde = *F. glauculus* (90).  
*Fissidens glauculus* var. *aculeifrons* P.Varde in Thér. GAB(47).  
*Fissidens glauculus* var. *circinicaulis* (Card.) P.Varde GAB(47), SEN(47).  
*Fissidens glauculus* var. *gymnandrus* P.Varde GAB(47).  
*Fissidens gomae* P.Varde & Leroy TAN(46), ZAI(65).  
*Fissidens grainvillei* Thér. MAD(40).  
*Fissidens grandifolius* Broth. & P.Varde CAR(47), GAB(47), GUI(47), LIB(47), NIR(79), NIG(47), TOG(1878).  
*Fissidens grandifrons* Brid. MAS(40).  
*Fissidens grandifrons* var. *flaccidus* Brid. MAS(40).  
*Fissidens grandiretis* Ren. & Card. = *F. laxus* (90).  
*Fissidens grossiretis* C.Müll. CAM(47), CAR(1749), GAB(47), IVO(1880).  
*Fissidens guineensis* Par. & Broth. = *F. microcarpus* (73).  
*Fissidens gumangensis* (C.Müll.) Par. = *F. sciophyllus* (90).  
*Fissidens haakonii* Broth. & Bryhn = *F. borgenii* (82).  
*Fissidens helenicus* Mitt. STH(1296).  
*Fissidens helictocaulos* C.Müll. ERI(50), TAN(46), ZAM(46).  
*Fissidens herpetineuron* Broth. & P.Varde = *F. monostictus* (1749) (= *F. zollingeri*).  
*Fissidens hians* (Hampe) Par. CAR(47), GAB(47), GUI(47), NIG(47,334).  
*Fissidens hildebrandtii* C.Müll. SOM(50).  
*Fissidens hillieri* Thér. MAD(40).  
*Fissidens hirsutus* Biz. ex Pócs TAN(46).  
*Fissidens hoeegii* P.Varde CBS(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531).  
*Fissidens holstii* Broth. = *F. laxus* (90).  
*Fissidens holstii* var. *perintegrifolius* P.Varde = *F. laxus* (90).  
*Fissidens hookerioides* Biz. & Onr. MAD(40).  
*Fissidens horizontocarpus* C.Müll. CAR(47,1749), CON(47), GUI(47), TAN(46).  
*Fissidens hymenodon* Besch. COM(40), MAD(40), TAN(46).  
*Fissidens idanreensis* P.Varde NIG(47), RWA(65), TAN(46), ZAM(46).  
*Fissidens inaequalilimbatus* Par. & Broth. CAR(47,1749), GUI(47).

- Fissidens inclinatus* (C.Müll.) Par. CAR(47,1749),NIG(47).
- Fissidens inclusus* Biz. ex Dury & Pócs TAN(46).
- Fissidens inflatus* (C.Müll.) Par. CAR(1749), NIG(47),ZAI(65).
- Fissidens intralimbatulus* Broth. & P.Varde = *F. borgenii* (90).
- Fissidens intralimbatulus* var. *brevifolius* P.Varde BUF(47).
- Fissidens intralimbatulus* var. *brevifolius* P.Varde. The owning species of this variety has been made a synonym of *F. borgenii*. This variety also needs revision.
- Fissidens intramarginatus* (Hampe) Mitt. KEN(46), MAD(40), REU(105), RWA(65), SUD(90),TAN(46),UGA(46),ZAI(65).
- Fissidens itarensis* Broth. = *F. intramarginatus* (90)
- Fissidens jeffreyi* Biz. SEY(40).
- Fissidens jonesii* Biz. ex Pócs TAN(46).
- Fissidens jonesii* fo. *terrestris* Bix. & Pócs. Excluded. Any records for this form have been associated with the owning species.
- Fissidens jordanii* J.Tayl. & P.Varde SIL(47).
- Fissidens jovet-astiae* Biz. CAR(47,1749).
- Fissidens kegelianus* C.Müll. = *F. zollingerii* (76).
- Fissidens konkourae* Par. & Broth. = *F. microcarpus* (73).
- Fissidens lachmanii* Biz. IVO(47,1880).
- Fissidens lacouturei* Thér. MAD(40), TAN(46), UGA(46).
- Fissidens lanceolatus* Bruch, *nom. nud.* = *F. glaucescens* (1521).
- Fissidens latifolius* Dix. CAM(47), KEN(46), TAN(46),ZAM(46),ZIM(46).
- Fissidens laurentiorum* Card. = *F. zippelianus* (76).
- Fissidens laxus* Sull. & Lesq. CAR(47,1749), CON(47), GAB(47), GHA(47), GUI(47), IVO(47,1880),LIB(47),MAD(40),NIG(47), REU(90),SEY(90),SUD(90),TAN(46),ZAI(65).
- Fissidens le-testui* P.Varde GAB(47),IVO(1880), ZAI(65).
- Fissidens leptocheilus* C.Müll. SOM(50).
- Fissidens leucocaulis* C.Müll. ex Biz. CAM(47), CAR(47), GAB(47), MAL(67), NIG(47), SAO(47),TAN(46).
- Fissidens leucocinctus* Hampe CAM(47), KEN(46), MAD(40), SAF(40), TAN(46), UGA(40),ZAI(65).
- Fissidens ligulinus* C.Müll. MAD(40).
- Fissidens linderi* P.Varde in Thér. = *F. laxus* (90).
- Fissidens linearilimbatus* C.Müll. KEN(46), TAN(46).
- Fissidens loenberghii* P.Varde KEN(46).
- Fissidens longelimbatus* Broth. = *F. intramarginatus* (90)
- Fissidens longevittatus* P.Varde GAB(47), NIG(47),TAN(46).
- Fissidens longidens* Biz. ex Pócs TAN(46).
- Fissidens longipes* Welw. & Duby. = *F. bryoides* (90).
- Fissidens loyei* Biz. CON(47).
- Fissidens luridus* Ren. & Card. MAD(40).
- Fissidens maclaudii* Par. & Broth. GUI(47).
- Fissidens macowanianus* C.Müll. = *F. rufescens* (82).
- Fissidens macroglossus* Broth. CAM(47), IVO(1458).
- Fissidens madecassus* C.Müll. MAD(40).
- Fissidens mammillosus* C.Müll. = *F. zippelianus* (76).
- Fissidens maniae* Par. & Ren. = *F. zippelianus* (76).
- Fissidens marginatus* Schimp. ex C.Müll. CBS(1531),TAN(46).
- Fissidens mariei* (Besch.) Broth. MAD(40).
- Fissidens marthae* Card. CAR(47,1749),GHA(47), IVO(1880),NIG(47),SEN(47),TAN(46).
- Fissidens mathieui* Card. CAR(47,1749),SEN(47).
- Fissidens menyhartii* C.Müll. ZAM(46,62), ZIM(46).
- Fissidens metzgeria* (C.Müll.) Broth. TAN(46).
- Fissidens microandrogynus* Dix. BOT(1531), LES(1531),NAT(1531),OFS(1531),TAN(46), TRV(1531),ZAM(46,62),ZIM(46,61).
- Fissidens microcarpus* Mitt. CAM(47,73), CAR(47), CON(73), GAB(73), GUI(47,73), NIG(47),SIL(47),ZAI(65).
- Fissidens microcellatus* Dix. ZAI(65).
- Fissidens minutifolius* Broth. & P.Varde CAR(1749),GAB(47).
- Fissidens minutus* Thwaites & Mitt. in Mitt. CAR(1470),TAN(1470),ZAM(1470).
- Fissidens mobukensis* Negri UGA(46).
- Fissidens moenkemeyeri* C.Müll. = *F. zippelianus* (76).
- Fissidens molliculus* P.Varde CAR(47),ZAI(65).
- Fissidens monostictus* Broth. & P.Varde = *F. kegelianus* (74) (= *F. zollingeri*).
- Fissidens motelayi* Ren. & Card. MAD(40).
- Fissidens nigerianus* Biz. NIG(47,334).
- Fissidens nitens* Rehm. ex Salm. = *F. porrectus* (90).
- Fissidens norkettii* P.Varde = *F. borgenii* (90).
- Fissidens nossianus* Besch. MAD(40).
- Fissidens oblongifolius* Hook.f. & Wils. CAR(47), GAB(47).

- Fissidens obsoletidens* C.Müll. COM(40), MAD(40), TAN(46).  
*Fissidens obsoletidens* var. *schistophilla* Broth. RWA(65).  
*Fissidens ocellatus* P.Varde GAB(47).  
*Fissidens oligistoloma* P.Varde CAR(1749).  
*Fissidens onraedtii* Biz. MAD(40).  
*Fissidens opacifolius* Mitt. NIG(47), TAN(46), ZAI(65).  
*Fissidens oussouyensis* Card. CAR(1749), SEN(47).  
*Fissidens ovatus* fo. *cymatophyllus* (C.Müll.) Bix. ex Kis. Excluded. Any records for this form have been associated with the owning species.  
*Fissidens ovatus* var. *elatior* Ren. & Card. MAS(40).  
*Fissidens ovatus* var. *ochroloma* Ren. et Card. MAD(40), MAL(67), NIG(334), TAN(46).  
*Fissidens ovatus* var. *ovatus* Brid. MAD(40), MAU(105), REU(105), TAN(46), ZAM(46).  
*Fissidens ovatus* var. *planifolius* Besch. MAD(40).  
*Fissidens pachyloma* C.Müll. ETH(50).  
*Fissidens pachylomadelpus* Demar. & P.Varde = *F. bryoides* (90).  
*Fissidens pachylomoides* P.Varde = *F. porrectus* (90).  
*Fissidens pachylomoides* var. *subdenticulatus* P.Varde = *F. porrectus* (90).  
*Fissidens palmifolius* (P.Beauv.) Broth. ANG(46), CBS(1531), MAL(67), MAU(105), NAT(1531), OFS(1531), REU(105), TRV(1531), ZAM(46,62), ZIM(46,61).  
*Fissidens palustris* (C.Müll.) Par. CAM(47), CAR(47,1749), LIB(47).  
*Fissidens palvadeaui* Biz. = *F. laxus* (90).  
*Fissidens papillosus* Sande Lac KEN(580,46), MAD(40), MAU(580,105), TAN(580,46).  
*Fissidens parkii* Mitt. CAR(47), CHA(47), GUI(47), IVO(1880), MAI(47), NIG(47), SEN(47), TAN(46).  
*Fissidens parvilimbatus* Sim CBS(1531), LES(1531), NAT(1531), TAN(46), TRV(1531).  
*Fissidens paucilimbatus* P.Varde = *F. borgenii* (90).  
*Fissidens pechuelii* (C.Müll.) Jaeg. CAR(47), TAN(46), ZAI(65).  
*Fissidens perfoliatus* (C.Müll.) Par. CAR(1749), ZAI(65).  
*Fissidens perintegrifolius* P.Varde CAR(1749), GAB(47), IVO(1880), NIG(47), SIL(47).  
*Fissidens perlimbatus* Broth. & P.Varde CAR(47), GAB(47), IVO(1880), NIG(47).  
*Fissidens perlimbatus* fo. *albinervis* P.Varde. Excluded. Any records for this form have been associated with the owning species.  
*Fissidens perparviretis* Dix. CAR(47), KEN(46), ZAI(65).  
*Fissidens pictus* Biz. ex Pócs = *F. laxus* (90).  
*Fissidens pierrotii* Biz. CAR(47,1749), TAN(46).  
*Fissidens planifrons* Besch. COM(40), MAD(40), TAN(46).  
*Fissidens planifrons* var. *corticeus* Besch. COM(40), MAD(40).  
*Fissidens platybryoides* C.Müll. = *F. bryoides* (65)  
*Fissidens platybryoides* var. *subimmarginatus* Dix. = *F. bryoides* (90).  
*Fissidens platyneuros* Ren. & Card. MAD(40).  
*Fissidens plumosus* Hornsch. CBS(1531), MAL(67), MAU(105), NAT(1531), REU(105), TAN(46), TRV(1531), ZIM(46,61).  
*Fissidens pobeguinii* Par. & Broth. CAM(47), CAR(47), GUI(47), NIG(47), SIL(47), TOG(1878), ZAI(65).  
*Fissidens pocsii* Biz. & Dury ex Pócs TAN(46).  
*Fissidens porrectus* Mitt. CAM(47), GAB(47), GUI(47), IVO(1880), NAT(1531), NIG(47), RWA(65), TAN(46), UGA(46), ZAI(65), ZIM(61).  
*Fissidens procumbens* Mitt. ROD(105).  
*Fissidens propinquus* P.Varde = *F. laxus* (90).  
*Fissidens pseudoeeni* Biz. & Dury ex Pócs TAN(46).  
*Fissidens pseudolimbatus* C.Müll. ex De Vent. ETH(50).  
*Fissidens pseudoplumosus* Biz. & Onr. REU(105).  
*Fissidens pseudorufescens* C.Müll. KEN(46), TAN(46).  
*Fissidens pseudoserratus* (C.Müll.) Jaeg. CBS(1531), MOZ(357), NAT(1531), TRV(1531), ZIM(61).  
*Fissidens pulcher* C.Müll. ex Dusen. = *F. zippelianus* (76).  
*Fissidens purpleocaulis* C.Müll. CAM(47), MAD(90), REU(90), RWA(65), SAO(47), TAN(46), ZAI(65).  
*Fissidens pygmaeus* Hornsch. CBS(1531), ZIM(46,61).  
*Fissidens ramulosus* Mitt. CAR(47), NIG(47).  
*Fissidens recurvatifolius* C.Müll. ex Par., *nom. nud.* ETH(50).

- Fissidens reflexus* Hampe MAD(40), TAN(46), ZAM(62).  
*Fissidens ripensis* Mitt. = *F. laxus* (90).  
*Fissidens rivicola* Broth. & P.Varde = *F. laxus* (90).  
*Fissidens rivicola* var. *gabonensis* P.Varde = *F. laxus* (90).
- Fissidens robynsianus* P.Varde ZAI(65).  
*Fissidens rosulatus* P.Varde MAD(40).  
*Fissidens rotereaui* P.Varde MAD(40).  
*Fissidens rotundatus* Dix. CAR(47,1749), GUI(47), IVO(63), TOG(1878).
- Fissidens rufescens* Hornsch. BOT(1531), CBS(1531), DJI(1569), LES(1531), NAM(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531), ZIM(61).  
*Fissidens rufolimbatus* Card. = *F. porrectus* (90).  
*Fissidens rufolimbatus* var. *latifolius* P.Varde = *F. porrectus* (90).  
*Fissidens rufolimbatus* var. *ramosus* P.Varde = *F. porrectus* (90).  
*Fissidens rufolimbatus* var. *torrentium* P.Varde = *F. porrectus* (90).  
*Fissidens ruwenzorensis* Thér. & Nav. = *F. asplenioides* (1748).  
*Fissidens sarcophyllus* C.Müll. ex Dus. = *F. borgenii* (90).  
*Fissidens savellii* Par. & Ren. = *F. zippelianus* (76).
- Fissidens schelpei* P.Varde KEN(46).  
*Fissidens schmidii* C.Müll. CAM(47), CAR(47), GAB(47), GUI(47), NIG(47), UGA(46).  
*Fissidens schnellii* P.Varde = *F. porrectus* (90).  
*Fissidens schweinfurthii* (C.Müll.) Par. CAR(47,1749), TAN(46).
- Fissidens sciophyllus* Mitt. CHA(90), GAB(47), GHA(90), MAD(90), NIG(334), RWA(65), SUD(90), TAN(46), UGA(46), ZAI(65), ZAM(46,62).
- Fissidens scleromitrius* (Besch.) Broth. CAR(47), MAD(40), NAT(1531), ZAI(65).
- Fissidens semi-obscurus* (C.Müll.) Par. CAR(47,1749), CHA(47), IVO(1880), NIG(47), TAN(46), ZAM(46).
- Fissidens sericeus* Broth. TAN(46).  
*Fissidens seychellensis* Dury & Onr. SEY(40).  
*Fissidens sigmocarpaceus* P.Varde CAR(47).  
*Fissidens sigmocarpaceus* C.Müll. ex Dus. CAM(47), ZAI(65).  
*Fissidens simensis* Schimp. ex C.Müll. = *F. bryoides* (90).
- Fissidens simii* Schelpe in Magill & Schelpe CBS(1531), NAT(1531), TAN(46), TRV(1531), ZIM(61).
- Fissidens smiloides* P.Varde CAR(47,1749), TAN(46).
- Fissidens somaliae* C.Müll. SOM(50).  
*Fissidens spinosolimbatus* Biz. & Dury ex Pócs = *F. intramarginatus* (90).
- Fissidens splachnifolius* Hornsch. CBS(1531).  
*Fissidens splendens* Brugg.-Nann. TAN(46).  
*Fissidens stellenboschianus* Dix. in Sim CBS(1531), TAN(46).
- Fissidens subambiguus* Biz. & Dury ex Pócs TAN(46).  
*Fissidens subarboreus* Broth. & P.Varde = *F. oblongifolius* (1748).
- Fissidens subceylonensis* Dury & Onr. SEY(40).  
*Fissidens subcongolensis* Biz. & Dury ex Pócs = *F. intramarginatus* (90).
- Fissidens subdurus* Broth. & P.Varde CAR(47).  
*Fissidens subelimbatus* Broth. & P.Varde CAM(47), CAR(47,1749), ZAI(65).  
*Fissidens subexasperatus* Biz. & Dury ex Pócs = *F. papillosus* (580).  
*Fissidens subglaucescens* Broth. = *F. glaucissimus* (255).
- Fissidens submadecassus* Biz. ZAI(65).  
*Fissidens submarginatus* Bruch ex Krauss CBS(1531), NAT(1531), SWA(1531), TAN(46), TRV(1531), ZAM(62), ZIM(46,61).
- Fissidens subobtusatus* C.Müll. CBS(1531), DJI(1569), NAM(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531), ZAM(46).  
*Fissidens subpictus* Biz. ex Pócs = *F. laxus* (90).
- Fissidens subplanifrons* Biz. & Onr. MAU(105).  
*Fissidens subpyncophyllus* P.Varde CAR(47).  
*Fissidens subsarcophyllus* Biz. & Onr. MAD(40).  
*Fissidens subscleromitrius* Biz. & Dury TAN(46).  
*Fissidens subsphaerocarpus* (P.Varde) Brugg.-Nann. = *F. microcarpus* (73).
- Fissidens subundatus* Dury MAD(40).  
*Fissidens sylvaticus* Griff. Iwatsuki & Suzuki (1892, p.400) gave this as a synonym of *F. taxifolius*, but Bruggeman-Nannenga (pers. comm.) says that all African material named *F. sylvaticus* seen by her is *F. zippelianus*. All African records are thus shown for *F. zippelianus*.
- Fissidens sylvaticus* fo. *robusta* Dix. Excluded. Any records for this form have been associated with the owning species.
- Fissidens sylvaticus* var. *savellii* (Par. & Ren.) Wijk &

- Mar. = *F. zippelianus* (76).  
*Fissidens taeniocladus* P.Varde = *F. laxus* (90).  
*Fissidens taxifolius* ssp. *taxifolius* Hedw. MAS(40).  
*Fissidens tenuisetus* Card. = *F. platybryoides* (1749) (= *F. bryoides*).  
*Fissidens termitidarum* Par. & Broth. GUI(47), TOG(1878).  
*Fissidens thallangae* Dix. UGA(46).  
*Fissidens tisserantii* Broth. & P.Varde = *F. glauculus* (90).  
*Fissidens tisserantii* var. *sublaevifolius* P.Varde CAR(47).  
*Fissidens tisserantii* var. *sublaevifolius* P.Varde. The owning species of this variety has been transferred to *F. glauculus* (90). This variety should also be revised.  
*Fissidens ugandae* Dix. & P.Varde = *F. intramarginatus* (90).  
*Fissidens ulna* (C.Müll.) Par. CAR(47,1749), GAB(47), GUI(47), IVO(47), NIG(47), TAN(46), UGA(46), ZAI(65).  
*Fissidens ulna* var. *fallax* P.Varde CAR(47).  
*Fissidens undatus* (C.Müll.) Par. KEN(46).  
*Fissidens undifolius* C.Müll. CAR(47,1749), KEN(46), TAN(46), ZAI(65).  
*Fissidens usambaricus* Broth. CAM(90), CBS(1531), CAR(90,1749), NAT(1531), RWA(65), SAF(90), TAN(46), TRV(1531), ZAI(65).  
*Fissidens usambaricus* var. *acutifolius* P.Varde CAR(47).  
*Fissidens vanderijstii* Card. CAR(47), GAB(47), ZAI(65).  
*Fissidens ventroalaris* Card. MAD(40), MAL(67), TAN(46).  
*Fissidens vesiculosus* Demar. et Leroy MAL(67), TAN(46), ZAI(65).  
*Fissidens vogelianus* Mitt. CAM(47), CAR(47), NIG(47), ROD(105), TAN(46), ZAI(65).  
*Fissidens vogelianus* var. *latifolius* P.Varde, nom. nud. CAR(47), NIG(47).  
*Fissidens wageri* Dix. ex Wag. CBS(1531), NAT(1531).  
*Fissidens waterlotii* Thér. MAD(40).  
*Fissidens welwitschii* Duby ANG(46), TAN(46).  
*Fissidens woodii* Tayl. & P.Varde = *F. porrectus* (90).  
*Fissidens zenkeri* Broth. ex Biz. CAM(47).  
*Fissidens zippelianus* Dozy & Molk. CAM(47), CAR(47,1749), COM(40), EGU(76), ERI(50), ETH(50), FER(47), GAB(47), IVO(1458,63), KEN(46), MAD(40), MAL(67), MAU(105), NIG(47), RWA(46), SIL(47), SUD(76), TAN(46), TOG(1878), UGA(46), ZAI(65,1552), ZAM(46), ZIM(61).  
*Fissidens zollingeri* Mont. CAR(47,1749), KEN(46), NIG(334,47), TAN(46), ZAI(65).  
*Fissidentella perpusilla* Card. = *Fissidens fouta-djal-lonii* (76) (= *F. gardneri*).  
*Floribundaria cameruniae* (Dus.) C.Müll. = *F. floribunda* (65).  
*Floribundaria floribunda* (Dozy & Molk.) Fleisch. CAM(47), CAR(47), CON(47), GAB(47), GHA(47), IVO(47,1880), KEN(46), MAD(40), MAU(105,1882), NAT(1531), REU(105), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(46).  
*Floribundaria floribunda* var. *capilliramea* (C.Müll.) Fleisch. TAN(46).  
*Floribundaria floribunda* var. *madagassa* (Ren. & Card.) Ren. & Card. MAD(40).  
*Floribundaria floribundula* (C.Müll.) Fleisch. COM(40), MAD(40).  
*Floribundaria golae* Tosco & Piovano TAN(46).  
*Floribundaria jumboana* (Dus.) C.Müll. CAM(47), CAR(47), GAB(47), GUI(47).  
*Floribundaria octodicerias* (C.Müll.) C.Müll. CAM(47).  
*Floribundaria patentissima* (C.Müll.) Fleisch. CAR(47), GAB(47), KEN(411), MAD(40), MAU(105), REU(105), SAO(47), TAN(46).  
*Floribundaria patentissima* var. *squarrosa* (Ren. & Card.) Ren. & Card. MAD(40), TAN(46).  
*Floribundaria vaginans* (Welw. & Dub.) Broth. ANG(46), MAL(67).  
*Flowersia abyssinica* (C.Müll.) Griffin & Buck ERI(50), ETH(50).  
*Fontinalis abyssinica* Schimp. nom. nud. ETH(50).  
*Fontinalis antipyretica* var. *erythraea* Tong ERI(50).  
*Fontinalis antipyretica* var. *gracilis* (Hedw.) Schimp. CBS(1531).  
*Fontinalis fiorii* Tong ERI(50).  
*Fontinalis squamosa* var. *squamosa* Hedw. CBS(1531).  
*Forsstroemia dixonii* Tosco & Piovano = *Levierella fabroniacea* (408).  
*Forsstroemia flagellacea* (C.Müll.) Par. = *F. producta* (408).  
*Forsstroemia incrassata* (Broth.) Par. = *F. producta*

- (408).
- Forsstroemia producta* (Hornsch.) Par. CBS(1531,408), ETH(408), KEN(46,408), MAL(67), NAT(1531,408), RWA(65), TAN(46,408), TRV(1531,408), UGA(46,408).  
*Forsstroemia producta* var. *brachycystis* Thér. & P.Varde. = *F. producta* (408).
- Funaria abyssinica* Schimp. in Par., *nom. nud.* ETH(50).
- Funaria acicularis* C.Müll. SAO(47).  
*Funaria bergiana* (Hornsch.) Broth. See *Entosthodon bergianus*.
- Funaria bogosica* C.Müll. ERI(50).  
*Funaria borbonica* (Besch.) Broth. See *Entosthodon borbonicus*.
- Funaria cameruniae* Dix. CAM(47).  
*Funaria clavata* (Mitt.) Magill See *Entosthodon clavatus*.
- Funaria convexa* Spruce TAN(46).  
*Funaria curvipes* (C.Müll.) Broth. See *Entosthodon curvipes*.
- Funaria decaryi* Thér. MAD(40).
- Funaria delicatula* Thér. MAD(40).  
*Funaria hygrometrica* fo. *brevisetata* (Broth.) Cuf. Excluded. Any records for this form have been associated with *Funaria hygrometrica* var. *calvescens*.
- Funaria hygrometrica* var. *calvescens* (Schwaegr.) Mont. BUR(65), CAM(47), CAR(47), COM(40), ERI(50), ETH(50), GUI(47), IVO(1458), MAD(40), MAL(67), MAU(105), REU(105), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(46).
- Funaria hygrometrica* var. *hygrometrica* Hedw. CAM(47), CBS(1531), ETH(50), KEN(46), LES(1531), MAL(67), NAM(1531), NAT(1531), OFS(1531), REU(105), SAO(47), SUD(1707), SWA(1531), TAN(46), TRV(1531), ZIM(46,61).
- Funaria hygrometrica* var. *mauritiana* (Besch.) Par. MAU(105), REU(105).
- Funaria imerinensis* Card. MAD(40).
- Funaria kilimandscharica* C.Müll. KEN(46), TAN(46), ZAI(65).  
*Funaria lepervanchei* (Besch.) Broth. See *Entosthodon lepervanchei*.
- Funaria limbata* (C.Müll.) Broth. See *Entosthodon limbatus*.
- Funaria longicollis* Dix. = *Entosthodon dixonii* (46)
- Funaria marginata* (C.Müll.) Broth., *hom. illeg.* = *Entosthodon ampliretis* (C.Müll.) Broth (1521)
- = *Funaria limbata* (C.Müll.) Broth (83) (= *Entosthodon limbatus*).
- Funaria marginatula* (Besch.) Broth. See *Entosthodon marginatulus*.
- Funaria mauritiana* (Besch.) Broth. See *Entosthodon mauritanus*.
- Funaria mayottensis* (Besch.) Broth. COM(40).
- Funaria nutans* Mitt. SUD(1707).
- Funaria pallescens* Schimp. in Jaeg., *nom. nud.* ETH(50).
- Funaria perlaxa* Thér. KEN(46), TAN(46), ZAI(65).
- Funaria renauldii* (Thér.) Card. MAD(40).
- Funaria rhomboidea* Shaw CBS(1531), NAM(1531), OFS(1531), TRV(1531), ZIM(61).
- Funaria robustior* (C.Müll.) Broth. See *Entosthodon curvipes* var. *robustior*.
- Funaria rottleri* (Schwaegr.) Broth. See *Entosthodon rottleri*.
- Funaria spathulata* Schimp. ex C.Müll. CBS(1531), LES(1531), NAT(1531), ZIM(61).
- Funaria subleptopoda* Hampe MAD(40).
- Funaria succuleata* (Wager & Wright) Magill CBS(1531), LES(1531), NAT(1531), OFS(1531), TRV(1531), ZIM(61).
- Funaria urceolata* (Mitt.) Magill. See *Entosthodon urceolatus*.
- Funaria volkensisii* Broth. See *Entosthodon volkensisii*.
- Gammella merrillii* (Broth.) Tix. CON(47), GAB(47), TAN(46).  
*Garckea comosa* (Dozy & Molk.) Wijk & Marg. = *G. phascoides* (40).
- Garckea elongata* Ren. & Card. ZAI(65).
- Garckea mathieui* Thér. CAM(47), CAR(47), GAB(47), SIL(47).
- Garckea moenkemeyeri* C.Müll. CAR(47), GAB(47), GUI(47,1458), IVO(1458), NIG(47), SIL(47).
- Garckeaphascoides* C.Müll. COM(40), MAD(40), REU(105), TAN(46), ZAI(65).
- Garckea phascoides* var. *comorensis* Thér. COM(40).
- Gigaspermum repens* (Hook.) Lindb. CBS(1531), LES(1531), MAD(40), NAM(1531), OFS(1531).
- Glossadelphus abruptus* (Mitt.) Robins. IVO(1880).
- Glossadelphus congolensis* Broth. & P.Varde CAR(47), GAB(47), TOG(1878), ZAI(65,1552).
- Glossadelphus congolensis* var. *falcatulus* Broth. ZAI(65).



- Glossadelphus eckendorffii* P.Varde GAB(47).  
*Glossadelphus euryphyllus* P.Varde SIL(47).  
*Glossadelphus ovalifolius* (Besch.) Broth. MAD(40).  
*Glossadelphus perplanicaulis* (Broth.) Fleisch. CAM(47), CAR(47).  
*Glossadelphus scutellifolius* (Besch.) Fleisch. MAD(40).  
*Glossadelphus serpyllifolius* P.Varde UGA(46), ZAI(65).  
*Glossadelphus truncatulus* (C.Müll.) Fleisch. TOG(1878).  
*Glossadelphus truncatus* (Welw. & Duby) Fleisch. ANG(46), CAM(47), CAR(47), GAB(47), ZAI(65).  
*Glyphomitrium helenicum* Mitt. = *Ptychomitrium helenicum* (1521).  
*Gollania bartramiophylla* (C.Müll.) Broth. ex Par. TAN(46).  
*Gollania demareti* P.Varde = *Chryso-hypnum demareti* (65).  
*Gollania le-testui* Dix. & P.Varde GAB(47).  
*Gollania monodii* P.Varde SAO(47).  
*Goniomitrium africanum* (C.Müll.) Broth. CBS(1531), LES(1531), NAM(1531), OFS(1531), TRV(1531).  
*Goniomitrium speluncae* P.Varde CAR(47).  
*Grimmia abyssinica* (C.Müll.) Mitt. = *G. apiculata* (46).  
*Grimmia aethiopica* C.Müll. ERI(50), ETH(50).  
*Grimmia affinis* Hornsch. KEN(46), TAN(46), UGA(46), ZIM(61).  
*Grimmia afro-incurva* Broth. TAN(46), UGA(46), ZAI(65).  
*Grimmia apiculata* Hornsch. CAM(47), ETH(50), KEN(46), TAN(46).  
*Grimmia argyrotricha* C.Müll. TAN(46).  
*Grimmia campylotricha* C.Müll. TAN(46).  
*Grimmia conferta* Funck = *Schistidium apocarpum* var. *confertum* (1521).  
*Grimmia donniana* var. *donniana* Sm. TAN(146).  
*Grimmia erythraea* (C.Müll.) Cuf. ERI(50).  
*Grimmia immersens* C.Müll. TAN(46).  
*Grimmia laevigata* (Brid.) Brid. CBS(1531), KEN(46), LES(1531), NAT(1531), OFS(1531), REU(105), SUD(1419), TAN(46), UGA(46).  
*Grimmia longicaulis* Dix. KEN(46).  
*Grimmia madagassa* Ren. & Card. MAD(40).  
*Grimmia mammosa* Gao & Cao MAL(66).  
*Grimmia obtusolinearis* C.Müll. TAN(46).  
*Grimmia ovalis* (Hedw.) Lindb. CBS(1531), LES(1531), NAT(1531), OFS(1531).  
*Grimmia ovalis* (auct. afr., non (Hedw.) Lindb.). According to Kis, African specimens with this name should be referred to *G. affinis* (46). The above distribution has been confirmed with Dr. R. Ochyra.  
*Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. ETH(50).  
*Grimmia pulvinata* var. *pulvinata* (Hedw.) Sm. CBS(1531), ETH(50), LES(1531), NAM(1531), NAT(1531), OFS(1531).  
*Grimmia schimperi* B&S ex C.Müll., *nom. nud.* ETH(50).  
*Grimmia subleucophaea* C.Müll. ETH(50).  
*Grimmia subleucophaea* C.Müll. According to Ochyra (pers. comm.), the type of this taxon is indistinguishable from *G. laevigata*.  
*Grimmia trichophylla* var. *brachycarpa* De Not. KEN(46), TAN(46).  
*Grimmia trichophylla* var. *trichophylla* Grev. RWA(65).  
*Grimmia vulcanica* Besch. MAD(40), REU(105).  
*Groutiella elimbata* (Thér.) O'Shea MAD(40).  
*Groutiella laxotorquata* (Besch.) Wijk. & Marg. CAM(47), CAR(47), COM(40), GAB(47), GHA(47), GUI(47), IVO(44,1880), MAD(40), MAU(105), NIG(47), SIL(47), TAN(46), TOG(58,1878), ZAM(62,411).  
*Groutiella sarcotricha* (Broth.) Wijk & Marg. NIG(334), ZAI(65).  
*Groutiella thraustophylla* (Broth.) Wijk & Marg. CAM(47).  
*Gymnostomiella tanganyikae* De Sloover BUR(65).  
*Gymnostomum aeruginosum* Sm. CBS(1531), LES(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531).  
*Gymnostomum bescherellei* Broth. & Geh. ASC(1296).  
*Gymnostomum bewsii* Dix. CBS(1531), LES(1531), NAT(1531), OFS(1531), TRV(1531).  
*Gymnostomum calcareum* Nees & Hornsch. MAL(67).  
*Gymnostomum kenyae* P.Varde = *Anoetangium keniae* (1420).  
*Gymnostomum leptostomum* Brid., *hom. illeg.* MAD(40).  
*Gymnostomum lessonii* Besch. Excluded. According to Zander (1420), this is a species of *Racopilum*.

- Gymnostomum lingulatum* Rehm. ex Sim TRV(1531).
- Gymnostomum splachnobryoides* Biz. ZAI(65).  
*Gyroweisia hildebrandtii* (C.Müll.) Broth. = *Hymenostylium hildebrandtii* (1420).  
*Gyroweisia latifolia* var. *tanneri* Biz. ex Pócs = *Husnotiella latifolia* var. *tanneri* (46).  
*Gyroweisia pocsii* Biz. = *Weisiopsis nigeriana* (1420).  
*Gyroweisia tophicola* (C.Müll.) Broth. = *Hymenostylium recurvirostrum* (1420).
- Haplocladium angustifolium* (Hampe & C.Müll.) Broth. CBS(1531), KEN(411), NAT(1531), TAN(46), TRV(1531), UGA(46), ZAM(46), ZIM(46,61).
- Haplocladium angustifolium* var. *afro-capillatum* (Broth.) Thér. ZAI(65).
- Haplocladium angustifolium* var. *viride* Broth. & Bryhn ZAI(65).
- Haplocladium jacquemontii* (C.Müll.) Broth. ETH(50).  
*Haplodontium clavatum* (Bruch & Schimp.) Broth. = *Mielichhoferia clavata* (1532).  
*Haplodontium nitidum* P.Varde = *Mielichhoferia vardei* (1532).  
*Haplodontium ovale* (Mitt.) Broth. = *Mielichhoferia ovalis* (1532).  
*Haplodontium pusillum* Card. = *Mielichhoferia cardotii* (1532).
- Haplohymerium pseudotriste* (C.Müll.) Broth. CBS(1531), MAU(105), NAT(1531), ROD(105), TAN(46), TRV(1531).
- Haplohymerium pseudotriste* var. *robustum* Biz. MAU(105).
- Haplohymerium tenuissimum* (Besch.) Broth. MAU(105).
- Haplohymerium triste* (Ces.) Kindb. KEN(46).  
*Hedwigia ciliata* fo. *leucophaea* Jones. See *H. ciliata* var. *leucophaea* BS&G.
- Hedwigia ciliata* var. *ciliata* (Hedw.) P.Beauv. CBS(1531), KEN(46), LES(1531), MAD(40), MAL(67), NAT(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65).
- Hedwigia ciliata* var. *leucophaea* BS&G KEN(46), TAN(46), UGA(46).
- Hedwigidium integrifolium* (P.Beauv.) Dix. CAM(47), CBS(1531), KEN(46), LES(1531), NAT(1531), OFS(1531), REU(105), RWA(46,65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(61).
- Helicodontium fabroniopsis* C.Müll. MAD(40).  
*Helicodontium guineense* Broth. & Par. GUI(47).  
*Helicodontium jacobi-felicis* P.Varde CAM(47).  
*Helicodontium lanceolatum* (Hampe & C.Müll.) Jaeg. CBS(1531), NAT(1531), TRV(1531).  
*Helicodontium usagarum* Mitt. TAN(46).  
*Heliconema cryptocarpus* (Dozy & Molk.) Ellis & Eddy, *nom. inval.* = *Chameleion cryptocarpus* (Dozy & Molk.) Ellis & Eddy in Eddy (755).  
*Henicodium geniculatum* (Mitt.) Buck CAM(47), CAR(47), GAB(47), GHA(47), IVO(44), NIG(47), SUD(1339), ZAI(65).  
*Henediella limbata* (Mitt.) Zander ETH(50), KEN(46).  
*Henediella longipedunculata* (C.Müll.) Zander CBS(1531), KEN(46), NAM(1531).  
*Herpetineuron tococae* (Sull. & Lesq.) Card. CAR(47), GUI(47), MAL(67), NAT(1531), TAN(46), TRV(1531).  
*Herzogiella cylindrocarpa* (Card.) Iwats. RWA(65).  
*Heterophyllum albescens* P.Varde GAB(47).  
*Heterophyllum albo-alare* (Broth.) Broth. CAR(47).  
*Heterophyllum bulbiferum* Dix. CAM(47).  
*Heterophyllum flexile* (Ren. & Card.) Thér. & P.Varde = *Rhacopilopsis transvaaliensis* (717).  
*Heterophyllum guineense* (Broth. & Par.) Broth. = *Rhacopilopsis guineensis* (717).  
*Heterophyllum humbertii* P.Varde ZAI(65).  
*Heterophyllum julicaule* (Broh. & Par.) Broth. = *Rhacopilopsis guineensis* (717).  
*Heterophyllum julicaule* var. *auriculatum* P.Varde = *Rhacopilopsis guineensis* (717).  
*Heterophyllum kilimandscharicum* (Broth. & P.Varde) Thér. & P.Varde (= "kilimanjaricum") = *Rhacopilopsis kilimandscharica* (717).  
*Heterophyllum scabrifolium* J.Tayl. & P.Varde RWA(65), SIL(47).  
*Heterophyllum transvaaliense* (Thér. & Dix.) Thér. & P.Varde. = *Rhacopilopsis transvaaliensis* (717).  
*Heterophyllum variegatum* (Welw. & Duby) Broth. ANG(46), GUI(47).  
*Hildebrandtiella cuspidans* Besch. COM(40).  
*Hildebrandtiella endotrichelloides* C.Müll. COM(40), MAD(40).  
*Hildebrandtiella longiseta* Ren. & Card. MAD(40).  
*Hildebrandtiella nitens* Bosw., *nom. nud.* MAU(105).  
*Hildebrandtiella pachyclada* Besch.

- MAU(2,105), REU(2,105), ROD(105), TAN(46,2).
- Hildebrandtiella rotundifolia* Ren. MAD(40), REU(105).
- Hildebrandtiella rotundifolia* Ren. This taxon is treated by Argent (2) as a variety of *H. endotrichelloides*, but he does not make the name change.
- Himantocladium ascensionis* (Besch.) Par. = *H. implanum* (302).
- Himantocladium cyclophyllum* (C.Müll.) Fleisch. SEY(40).
- Himantocladium implanum* (Mitt.) Fleisch. ASC(1296).
- Himantocladium seychellarum* Dix. = *H. cyclophyllum* (1300).
- Holomitrium angolense* P.Varde ANG(46), UGA(46), ZAM(411).
- Holomitrium angolense* fo. *brevifolia* P.Varde. Excluded. Any records for this form have been associated with the owning species.
- Holomitrium borbonicum* Besch. MAD(40), MAU(105), REU(105).
- Holomitrium borbonicum* fo. *longisetum* Besch. Excluded. Any records for this form have been associated with the owning species.
- Holomitrium borbonicum* var. *hamatum* (C.Müll.) Thér. MAD(40), REU(105), TAN(46).
- Holomitrium calycinum* (Hedw.) Mitt. REU(105).
- Holomitrium camptocarpum* P.Varde MAD(40).
- Holomitrium comorense* C.Müll. COM(40).
- Holomitrium cylindraceum* var. *cucullatum* (Besch.) Wijk & Marg. CBS(1531), CAR(47), MAD(40), NAT(1531), REU(105), TAN(46), TRV(1531), ZIM(46).
- Holomitrium cylindraceum* var. *cylindraceum* (P.Beauv.) Wijk & Marg. CAR(47), MAD(40), MAU(105), REU(105).
- Holomitrium cylindraceum* var. *obtusifolium* (Besch.) Wijk & Marg. MAD(40), MAU(105), UGA(46).
- Holomitrium dubiosum* Dix. ANG(46), ZAI(65).
- Holomitrium gracilisetum* Thér. MAD(40).
- Holomitrium hillieri* Thér. MAD(40).
- Holomitrium lepervanchei* Thér. MAD(40), MAS(40).
- Holomitrium rhyparodictyon* P.Varde MAD(40).
- Holomitrium subglobosum* Thér. MAD(40).
- Homalia pygmaea* Broth. = *Symphyodon pygmaeus* (924).
- Homalia subexigua* C.Müll., *nom. nud.* MAU(105).
- Homaliodendron exiguum* (Bosch. & Lac.) Fleisch. MAD(40), MAU(105), REU(105), TAN(46).
- Homaliodendron exiguum* var. *semimarginatum* (Thér.) W.Sch.-Mot. Excluded. Pócs (108) states that the type is a mixture of two plants, neither new, and declares this name *nomina reiicienda*.
- Homaliodendron flabellatum* (Sm.) Fleisch. MAU(1629).
- Homaliodendron piniforme* (Brid.) Enroth CAM(785,47), COM(40), CON(785,47), GAB(47), KEN(785), LIB(785), MAD(785,40), MAS(785), MAU(105), NIG(785,47), TAN(785,46), UGA(785), ZAI(65).
- Homaliodendron scapellifolium* (Mitt.) Fleisch. = *H. flabellatum* (1386).
- Homalothecium afrostriatum* (C.Müll.) Ochyra = *Palamocladium sericeum* (717).
- Homalothecium mandoni* Mitt. CAP(1296).
- Homalothecium nilgheriense* (Mont.) Robins. = *Palamocladium nilgheriense* (1608).
- Homalothecium sericeum* BS&G. See *Palamocladium sericeum*.
- Hookeria contracta* Gepp ANG(46).
- Hookeria splachnifolia* (Brid.) Arnott REU(105).
- Hookeriopsis ambigua* P.Varde BUR(65), GAB(47), RWA(65), ZAI(65).
- Hookeriopsis angolensis* (Welw. & Duby) Par. ANG(46).
- Hookeriopsis balazsii* Biz. CAM(47).
- Hookeriopsis cheiloneura* (Broth.) Broth. CAM(47).
- Hookeriopsis darntyi* (Besch.) Broth. MAU(105).
- Hookeriopsis diversifolia* (Ren. & Card.) Broth. ex Card. COM(40), MAD(40).
- Hookeriopsis gabonensis* Broth. & P.Varde GAB(47).
- Hookeriopsis mittenii* P.Varde CAM(47), FER(47), GAB(47), KEN(46), TAN(46), UGA(46), ZIM(61).
- Hookeriopsis pallidifolia* (Mitt.) Geh. & Herz. STH(1296).
- Hookeriopsis papillosula* Broth. & P.Varde GAB(47).
- Hookeriopsis pappeana* (Hampe) Jaeg. CBS(1531), KEN(411), NAT(1531), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65).
- Hookeriopsis pocsii* Biz. TAN(46).

- Hookeriopsis staudtii* (Broth.) Broth. CAM(47).  
*Husnotiella latifolia* (Dix.) Zander & Magill = *Didymodon tophaceopsis* (1420).
- Husnotiella latifolia* var. *tanneri* (Biz. & Pócs) Kis TAN(46).  
*Husnotiella latifolia* var. *tanneri* (Biz. ex Pócs) Kis.  
*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* C.Müll. = *Barbula ehrenbergii* (1158).
- Hydrogonium brotheri* Ren. & Par. = *Barbula ehrenbergii* (1158).
- Hydrogonium clavicoatum* (Ren. & Card.) Hilp. = *Barbula indica* (1158).
- Hydrogonium dorrii* (Ren. & Card.) Hilp. = *Barbula indica* (1158).
- Hydrogonium ehrenbergii* (Lor.) Jaeg. = *Barbula ehrenbergii* (46).
- Hydrogonium fontanum* (C.Müll.) Jaeg. = *Barbula meidensis* (1420).
- Hydrogonium tisserantii* (P.Varde) Sch.-Mot. = *Barbula tisserantii* (1420).
- Hygroamblystegium caudicaule* (C.Müll.) Broth. = *Pseudoleskea chilensis* (1533).
- Hygroamblystegium tenax* (Hedw.) Jenn. Excluded. Tanzanian collections given this name by Potier de la Varde have been shown to be *Cratoneuron filicinum* (1533).
- Hygrohypnum caussequei* (Ren. & Card.) Card. MAD(40).  
*Hygrohypnum hedbergii* P.Varde = *Platyhypnidium hedbergii* (65).
- Hylocomiopsis cylindricarpa* Thér. BUR(65), CAM(32,47), KEN(46), RWA(65), TAN(46), ZAI(65).
- Hylocomium brevirostre* BS&G REU(105).  
*Hylocomium proliferum* L. = *H. splendens* (1521).
- Hylocomium splendens* (Hedw.) BS&G KEN(46), RWA(65), STH(1296), TAN(46), UGA(46), ZAI(65).
- Hylocomium splendens* var. *alaskanum* (Lesq. & Jam.) Limpr. TAN(1410).
- Hylocomium splendens* var. *alpinum* Schlieph. ZAI(65).
- Hymenostomum abyssinicum* Schimp. ex Par., nom. nud. ETH(50).
- Hymenostomum abyssinicum* Schimp. ex Par. nom. nud. *Hymenostomum* R.Brown is now a synonym of *Weissia* Hedw. (1420) but this taxon is not covered by Zander (1420) or *Index Muscorum* (1521). Cufodontis (40) states that a specimen exists in BM, but I could not find one. Revision is required.
- Hymenostomum ayresii* (Schimp.) Broth. = *Weissia ayresii* (1420).
- Hymenostomum brachypelma* (C.Müll.) Kindb. = *Weissia brachypelma* (1420).
- Hymenostomum chloropus* (Besch.) Broth. = *Weissia ayresii* (1420).
- Hymenostomum eckendorffii* P.Varde = *Tortella eckendorffii* (1420).
- Hymenostomum guineense* Broth. & Par. GUI(47).  
*Hymenostomum humicolum* (C.Müll.) Par. = *Weissia humicola* (1420).
- Hymenostomum lineafolium* (C.Müll.) Par. = *Weissia lineafolia* (1420).
- Hymenostomum pellucidum* Broth. in Mich., nom. nud. See note under *H. abyssinicum* regarding transfer to *Weissia*.
- Hymenostomum pulicare* Besch. = *Trichostomum pulicara* (1420).
- Hymenostomum socotranum* (Mitt.) Broth. = *Weissia socotrana* (1420).
- Hymenostylium congoanum* Dix. & Nav. KEN(46).
- Hymenostylium crassinervium* Broth. & Dix. KEN(46), TAN(46), ZAI(65), ZAM(46), ZIM(46).
- Hymenostylium crispulum* Broth. & Par. CAR(47), GUI(47), TOG(1878).
- Hymenostylium hildebrandtii* (C.Müll.) Zander SOM(50).
- Hymenostylium recurvirostrum* (Hedw.) Dix. CBS(1531), KEN(46), LES(1531), NAT(1531), SOM(50), TAN(46), TRV(1531), UGA(46).  
*Hymenostylium recurvirostrum* var. *latifolium* (Zett.) Wijk & Marg. = *H. recurvirostrum* (1420).
- Hymenostylium rigescens* (C.Müll.) Broth. DJI(1569), ERI(50), ETH(50).
- Hymenostylium scaturiginosum* (C.Müll.) Broth. MAU(105), REU(105).  
*Hymenostylium secundum* C.Müll. = *Molendoa sendnerianum* (1420).
- Hymenostylium subcrispulum* Thér. MAD(40).
- Hymenostylium xanthocarpum* var. *gracilescens* (Hook. ex Mitt.) Cuf. ETH(50).
- Hyophila* Brid. 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 are only two taxa (at species level) present in tropical Africa: *H. involuta* (Hook.) Jaeg. and *H. nymaniana* (Fleisch.) Menzel.
- Hyophila acuminata* Broth. & P.Varde IVO(47), KEN(46), MAD(40), TAN(46), UGA(46), ZAI(65), ZAM(46).
- Hyophila acutiuscula* Broth. = *Trichostomum acutiusculum* (1420).
- Hyophila angustifolia* Par. & Ren. = *Trichostomum platyphyllum* (1420).
- Hyophila anoetangioides* C.Müll. ex Dus. LIB(47).
- Hyophila atrovirens* (C.Müll.) Broth. = *H. involuta* (46).
- Hyophila atrovirens* var. *oubanguiensis* Thér. & P.Varde CAR(47).
- Hyophila baginsensis* C.Müll. CAR(47), KEN(46), MOZ(357), NAM(1531), NAT(1531), TRV(1531), ZAM(62), ZIM(46,61).
- Hyophila bingeri* Broth. & Par. GUI(47), IVO(47), ZAI(65).
- Hyophila calymeroides* Thér. & Nav. = *Bryoerythrophyllum campylocarpum* (1420).
- Hyophila compacta* (Welw. & Duby) Jaeg. = *Trichostomum brachydontium* (1158) (as *Pottia compacta* Welw. & Duby).
- Hyophila congolensis* Thér. & Nav. ZAI(65).
- Hyophila crenulata* C.Müll. ex Dus. = *H. involuta* (1420).
- Hyophila cuspidatissima* Par. & Broth. GUI(47).
- Hyophila excurrentinervis* Par. & Broth. = *Trichostomum brachydontium* (1158).
- Hyophila fouta-djalloni* Par. & Broth. GUI(47), IVO(47).
- Hyophila girodii* Ren. & Card. = *Barbula indica* (1158).
- Hyophila glaucoviridis* Par. & Broth. CAR(47), GUI(47), TOG(1878).
- Hyophila gymnostomioides* (Welw. & Duby) Jaeg. = *Trichostomum brachydontium* (1158) (as *Pottia gymnostomioides* Welw. & Duby).
- Hyophila holstii* Broth. TAN(46).
- Hyophila integrifolia* Dix. & Thér. ZAI(65).
- Hyophila involuta* (Hook.) Jaeg. CAR(47), GUI(1458), IVO(1458,1880), KEN(46), LES(1531), MAL(67), MOZ(46), NAT(1531), TAN(46), TOG(1878), TRV(1531), ZAI(1552,65), ZAM(62), ZIM(46,61).
- Hyophila kerensis* Broth. in Mich., *nom. nud.* = *Trichostomum brachydontium* (1158).
- Hyophila lanceolata* Ren. & Card. MAD(40), SEY(40).
- Hyophila latifolia* Broth. CON(47).
- Hyophila leikipiae* (C.Müll.) Broth. = *Trichostomum brachydontium* (1158) (as *Trichostomum leikipiae* C.Müll.).
- Hyophila leioneura* Ren. & Par. = *Barbula indica* (1420).
- Hyophila ligulaefolia* Broth. & Par. = *Trichostomum ligulaefolium* (1420).
- Hyophila niam-niamiae* C.Müll. TAN(46).
- Hyophila nymaniana* (Fleisch.) Menzel BUF(47), CAR(47), SIL(47), ZAI(1460).
- Hyophila parietalis* Card. MAD(40).
- Hyophila perpendiculata* Dix. ZAI(65).
- Hyophila potieri* Besch. MAD(40), REU(105), TAN(46).
- Hyophila potieri* var. *atroviridis* Ren. & Card. MAD(40).
- Hyophila potieri* var. *denticulata* Broth. TAN(46).
- Hyophila procera* Par. & Broth. GUI(47).
- Hyophila punctulata* (Mitt.) Kindb. SOC(40).
- Hyophila sakalavensis* Par. & Ren. COM(40), MAD(40).
- Hyophila somaliae* C.Müll. ex Dus. = *Tortella somaliae* (1420).
- Hyophila subacutiuscula* P.Varde & Thér. RWA(65).
- Hyophila tisserantii* P.Varde = *H. nymaniana* (1460).
- Hyophila usambarica* Broth. = *Trichostomum brachydontium* (1158).
- Hyophila victoriae* C.Müll. ex Dus. CAM(47), CAR(47), SIL(47).
- Hypnella abrupta* (Mitt.) Jaeg. CAM(47), FER(47).
- Hypnella guineensis* Broth. & Par. GUI(47).
- Hypnella semi-scabra* Ren. & Card. MAD(40).
- Hypnella viridis* Ren. & Card. MAD(40).
- Hypnum aduncoides* (Brid.) C.Müll. = *H. macrogynum* (1913).
- Hypnum africanum* (P.Varde) Ochyra RWA(46), TAN(46), UGA(46), ZAI(65).
- Hypnum bicolor* Bel. REU(105).
- Hypnum boryanum* Schwaegr. REU(105).
- Hypnum cupressiforme* fo. *filiforme* Kraher. See *H. cupressiforme* var. *filiforme* Brid.
- Hypnum cupressiforme* var. *cupressiforme* Hedw. ANG(169), CBS(1531,169,1882), ETH(169), KEN(46,169,136), LES(1531,169),

- NAT(1531,169), OFS(1531), RWA(46,65), SWA(1531,169), TAN(46,169), TRV(1531,169), UGA(46,169), ZAI(65), ZIM(61).  
*Hypnum cupressiforme* var. *ericetorum* BS&G. = *H. jutlandicum* (162).  
*Hypnum cupressiforme* var. *filiforme* Brid. ZAI(65).  
*Hypnum cupressiforme* var. *integrifolium* Thér. = *H. cupressiforme* var. *cupressiforme* (169).  
*Hypnum cupressiforme* var. *lacunosum* Brid. CBS(169), ETH(169), KEN(169), LES(169), NAT(169), RWA(65), SWA(169), TRV(169).  
*Hypnum cupressiforme* var. *mossmanianum* (C.Müll.) Ando ZAI(65).  
*Hypnum cupressiforme* var. *resupinatum* (Tayl.) Schimp. RWA(65), ZAI(65).  
*Hypnum cupressiforme* var. *townsendii* Ando KEN(679), RWA(65), ZAI(65).  
*Hypnum ericetorum* BS&G = *H. cupressiforme* var. *ericetorum* (1521) (= *H. jutlandicum*).  
*Hypnum gracilirameum* C.Müll. ex Ren. MAU(105).  
*Hypnum jutlandicum* Holmen & Warncke CAR(47), MAD(40), REU(105), ZAI(65).  
*Hypnum macrogynum* Besch. CBS(1531), KEN(46), LES(1531), MAD(40), MAL(46), NAT(1531), REU(105), TAN(46), TRV(1531), ZIM(46).  
*Hypnum macrogynum* Besch. *H. aduncooides* was treated as a synonym of *H. cupressiforme* var. *cupressiforme* by Ando in 1989 (169), although he mentioned its similarity to the Asian *H. macrogynum*. He has now synonymised *H. aduncooides* with *H. macrogynum*. The records shown here represent all collections listed in the literature as *H. aduncooides*.  
*Hypnum multiflorum* Schwaegr., *hom. illeg.* MAS(40).  
*Hypnum radiatum* Schwaegr. REU(105).  
*Hypnum subcompressum* C.Müll. = *Entodon subcompressum* (1521).  
*Hypnum usagarum* Mitt. TAN(46).  
*Hypnum vaucheri* Lesq. ERI(50).  
*Hypodontium dregei* (Hornsch.) C.Müll. CBS(1531), LES(1531), MAL(67), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZAM(46), ZIM(46,61).  
*Hypodontium pomiforme* (Hook.) C.Müll. CBS(1531), NAT(1531), TRV(1531).  
*Hypopterygium brevifolium* Broth. SAO(47).  
*Hypopterygium congoanum* Dix. & Thér. ZAI(65).  
*Hypopterygium grandistipulaceum* Ren. & Card. MAD(40).  
*Hypopterygium laricinum* (Hook.) Brid. CBS(1531), ETH(50), FER(47), MAD(40), MAU(105), NAT(1531), REU(105), RWA(65), SAO(47), TAN(46), TRV(1531), ZAI(65), ZIM(46,61).  
*Hypopterygium laricinum* ssp. *incrassato-limbatum* (C.Müll.) Kindb. MAS(40).  
*Hypopterygium mauritianum* Hampe ex Besch. = *H. laricinum* (40).  
*Hypopterygium mildbraedii* Broth. KEN(46), MAL(67), RWA(65), TAN(46).  
*Hypopterygium pirottae* Brizi ERI(50), ETH(50).  
*Hypopterygium sphaerocarpon* Ren. MAD(40), MAU(105).  
*Hypopterygium subhumile* Ren. & Card. MAD(40), TAN(46).  
*Hypopterygium tamariscinum* (Hedw.) Brid. MAU(105).  
*Hypopterygium tenellum* C.Müll. FER(47).  
*Hypopterygium torulosum* var. *kameruniae* Broth. CAM(47).  
*Hypopterygium torulosum* var. *nossi-beanum* Besch. MAD(40).  
*Hypopterygium torulosum* var. *torulosum* Schimp. MAD(40), MAU(105), REU(105).  
*Hypopterygium usambaricum* Broth. TAN(46).  
*Hypopterygium viridissimum* C.Müll. CAM(47), COM(40), GAB(47), KEN(46), MAL(67), TAN(46), UGA(46).  
*Ischyrodon lepturus* (Tayl.) Schelpe CBS(1531), NAM(1531).  
*Isopterygium ambreanum* Ren. & Card. MAD(40).  
*Isopterygium antsihanakense* Card. MAD(40).  
*Isopterygium antunesii* Broth. ANG(46).  
*Isopterygium aptychopsis* (C.Müll.) Broth. = *I. argyroleucum* (1878).  
*Isopterygium aquaticum* Dix. ZIM(46).  
*Isopterygium argentatum* Broth., *nom. nud.* TOG(58).  
*Isopterygium argillicola* (Ren. & Card.) Broth. MAD(40).  
*Isopterygium argyroleucum* Besch. ANG(46), BEN(47), CAM(47), CAR(47), COM(40), GAB(47), GUI(47), IVO(1880), MAD(40), MAU(105), NIG(47,334), SEY(40), TOG(1878), ZAI(65).  
*Isopterygium asymmetricum* (Ren. & Card.) Card. ZAI(65).

- Isopterygium austro-denticulatum* (Ren. & Card.) Broth. MAD(40).  
*Isopterygium baurii* Broth. TAN(46).  
*Isopterygium boivinii* Besch. = *I. argyroleucum* (1878).  
*Isopterygium boivinii* var. *terrestre* Ren. & Card. = *I. argyroleucum* (1878).  
*Isopterygium brevicuspis* Broth. in Corb. CON(47).  
*Isopterygium chryseolum* Besch. COM(40), MAS(40).  
*Isopterygium citrinellum* Ren. & Card. REU(105).  
*Isopterygium combae* Besch. MAD(40).  
*Isopterygium conangium* Broth. CAM(47), CAR(47), GAB(47), GUI(47), IVO(1880), LIB(47), TOG(1878).  
*Isopterygium congoanum* Dix. ZAI(65).  
*Isopterygium dewevrei* Ren. & Card. IVO(1880).  
*Isopterygium dubyi* Gepp = *I. argyroleucum* (1878).  
*Isopterygium elodes* P.Varde UGA(46).  
*Isopterygium gabonense* Broth. & P.Varde CAR(47), GAB(47), IVO(1880).  
*Isopterygium gibbosulum* (C.Müll.) Jaeg. COM(40).  
*Isopterygium gracile* Ren. & Card. MAD(40).  
*Isopterygium hygrophilum* Broth. RWA(65), ZAI(65).  
*Isopterygium intortum* (P.Beauv.) Jaeg. MAD(40), MAU(105), REU(105).  
*Isopterygium intortum* var. *chenagonii* Ren. & Card. MAD(40).  
*Isopterygium ivoirense* Broth. & Thér. IVO(47).  
*Isopterygium kilimanjaricum* Broth. KEN(46), TAN(46).  
*Isopterygium leiotheca* Ren. & Card. MAS(40).  
*Isopterygium leptoblastum* (C.Müll.) Jaeg. COM(40), MAD(40).  
*Isopterygium leucophanes* (C.Müll.) Jaeg. CBS(1531), COM(40), GAB(47), MAL(67), MOZ(357), NAT(1531), SWA(1531), TRV(1531), ZAM(46,62), ZIM(46).  
*Isopterygium leucopsis* (C.Müll.) Par. NAT(1531), TRV(1531).  
*Isopterygium luteo-nitens* (Par.) Par. MAD(40).  
*Isopterygium m'bangae* (C.Müll.) Jaeg. GAB(47), TAN(46), UGA(46), ZAI(65).  
*Isopterygium meylanii* Card. MAD(40).  
*Isopterygium microthecium* Broth. & Par. GUI(47).  
*Isopterygium minutum* Ren. & Card. COM(40).  
*Isopterygium molle* Thér. REU(105).  
*Isopterygium nanoglobum* (C.Müll.) Par. SAO(47).  
*Isopterygium nematosum* Broth. & Par. GUI(47).  
*Isopterygium nitentivirens* Card. ZAI(65).  
*Isopterygium nivescens* (Broth.) Broth. CAM(47), GUI(47).  
*Isopterygium palmarum* (Broth.) Broth. CAM(47), GAB(47), IVO(1880), TOG(1878).  
*Isopterygium pedunculatum* Broth. & Par. GAB(47), GUI(47).  
*Isopterygium phlyctithea* P.Varde TAN(46), ZAI(65), ZAM(146).  
*Isopterygium phlyctithea* var. *brachycladum* P.Varde ZAI(65).  
*Isopterygium plumigerum* Broth. CAM(47), GAB(47).  
*Isopterygium podorrhizum* (Ren. & Card.) Card. MAD(40).  
*Isopterygium praenitens* Card. GAB(47), ZAI(65).  
*Isopterygium prasiellum* Besch. CON(47).  
*Isopterygium punctulatum* Broth. & Wag. CBS(1531), NAT(1531), TRV(1531).  
*Isopterygium radicans* (Brid.) Jaeg. REU(105).  
*Isopterygium saperense* Besch. COM(40).  
*Isopterygium seligeri* (Brid.) Dix. TAN(46).  
*Isopterygium sericifolium* Dix. KEN(46), TAN(46), UGA(46).  
*Isopterygium strangulatum* (C.Müll.) Broth. CBS(1531).  
*Isopterygium subaptychopsis* Broth. in Corb. CON(47).  
*Isopterygium subconangium* Broth. & P.Varde CAR(47).  
*Isopterygium subleptoblastum* C.Müll. COM(40), MAD(40).  
*Isopterygium submicrothecium* Broth. & Par. ANN(47), GUI(47).  
*Isopterygium subpinnatum* Thér., *hom. illeg.* LIB(47).  
*Isopterygium taxithellioides* Broth. & Bryhn NAT(1531).  
*Isopterygium taylorii* Sim. CBS(1531).  
*Isopterygium tisserantii* Broth. & P.Varde CAR(47).  
*Isopterygium tisserantii* var. *viride* P.Varde CAR(47).  
*Isopterygium verruculosum* (C.Müll.) Jaeg. COM(40).  
*Isopterygium welwitschii* Gepp ANG(46).  
*Isothecium kenyae* Dix. ex Tosco & Piovano KEN(46).  
*Jaegerina excurrens* Dix. = *J. robillardii* (1).

- Jaegerina formosa* Besch. MAU(94).  
*Jaegerina plicata* Card. COM(40).  
*Jaegerina retrosquarrosa* Allen, Crosby & Magill MAU(94).  
*Jaegerina robillardii* C.Müll. MAU(105).  
*Jaegerina scariosa* (Lor.) Arz. CAM(47,1), CAR(47,1), GAB(47,1), GHA(47,1), GUI(47), NIG(47,1).  
*Jaegerina solitaria* (Brid.) Jaeg. COM(40), MAU(105), REU(105).  
*Jaegerina solitaria* var. *nossi-beana* Besch. MAD(40).  
*Jaegerina solitaria* var. *ramosa* Besch. REU(105).  
*Jaegerina stolonifera* ssp. *laticuspis* (J.Tayl. & P.Varde) Argent MAL(67,1), TAN(46,1), UGA(46,1).  
*Jaegerina stolonifera* ssp. *stolonifera* (C.Müll.) C.Müll. CBS(1531), COM(40,1), KEN(46,1), MAD(40,1), TAN(46), UGA(46,1).  
*Jaegerina stolonifera* var. *clavata* C.Müll. = *J. stolonifera* var. *stolonifera* (1).  
*Jonesiobryum sphaerocarpum* Biz. ex Allen & Pursell NIG(47,334).  
*Juratzkaea incisa* (Buck) Catcheside & Stone CBS(1554).  
*Kindbergia africana* (Herz.) Ochyra KEN(46), RWA(65), UGA(46), ZAI(65).  
*Kindbergia africana* var. *latifolia* (Demar. & Leroy) Ochyra RWA(717).  
*Kindbergia praelonga* var. *congoana* (Thér.) Ochyra RWA(65).  
*Kindbergia praelonga* var. *praelonga* (BS&G) Ochyra CAP(1296), TAN(46).  
*Kindbergia praelonga* var. *stokesii* (Turn.) Ochyra STH(1296).  
*Kleioweisiopsis denticulata* Dix. KEN(46).  
*Kleioweisiopsis involuta* Biz. = *Weissia bizotii* (1420).  
*Leiomela africana* Thér. & Nav. KEN(46), REU(105), RWA(65), TAN(46), ZAI(65).  
*Leiomitrium plicatum* (P.Beauv.) Mitt. REU(105), ROD(105).  
*Lepidopilidium attenuatum* Thér. MAD(40).  
*Lepidopilidium brunneolum* (C.Müll.) Par. COM(40).  
*Lepidopilidium cespitosum* (Besch.) Broth. BUR(65), REU(105).  
*Lepidopilidium chenagonii* (Ren. & Card.) Card. MAD(40).  
*Lepidopilidium corbieri* (Ren. & Card.) Card. BUR(65), MAD(40).  
*Lepidopilidium cyrtostegium* (Ren. & Card.) Card. ZAI(65).  
*Lepidopilidium devexum* (Mitt.) Broth. CAM(47), TAN(46).  
*Lepidopilidium flexuosum* (Besch.) Par. REU(105).  
*Lepidopilidium hanningtonii* (Mitt.) Broth. CBS(1531), NAT(1531), SWA(1531), TAN(46), TRV(1531), UGA(46).  
*Lepidopilidium isleanum* (Besch.) Broth. REU(105).  
*Lepidopilidium lastii* Mitt. RWA(65), ZAI(65).  
*Lepidopilidium parvulum* Card. MAD(40).  
*Lepidopilidium subdevexum* (Broth.) Broth. CAM(47), CAR(47).  
*Lepidopilidium subdevexum* var. *intermedium* P.Varde CAR(47).  
*Lepidopilidium subrevolutum* (Ren. & Card.) Card. MAD(40), MAU(105).  
*Lepidopilidium therioti* Nav. in Dix. RWA(65), ZAI(65).  
*Lepidopilum callochlorum* C.Müll. ex Broth. CAM(47), FER(47), GUI(47), NIG(47).  
*Lepidopilum carrougeauanum* Thér. & P.Varde MAD(40).  
*Lepidopilum dusenii* C.Müll. ex Broth. CAM(47), IVO(1880), SAO(47), ZAI(65).  
*Lepidopilum filiferum* Broth., *hom. illeg.* RWA(65).  
*Lepidopilum hirsutum* (Besch.) Broth. REU(105).  
*Lepidopilum hirsutum* var. *tuberculatum* Thér. MAD(40).  
*Lepidopilum humblotii* Ren. & Card. COM(40).  
*Lepidopilum lastii* Mitt. KEN(46), MAL(67), TAN(46).  
*Lepidopilum niveum* (C.Müll.) Kindb. CAM(47), CAR(47), CON(47), GAB(47), GUI(47), SAO(47).  
*Lepidopilum verrucipes* Card. MAD(40).  
*Leptobryum pyriforme* (Hedw.) Wils. CBS(1531), LES(1531), MAD(40), MOZ(357), NAT(1531), ZAI(65).  
*Leptodictyum riparium* (Hedw.) BS&G = *Amblystegium riparium* (71).  
*Leptodictyum riparium* fo. *elongatum* (BS&G) Warnst. = *Amblystegium riparium* fo. *elongatum* (65).  
*Leptodon boryanus* Besch. = *L. fuciformis* (301).  
*Leptodon fuciformis* (Brid.) Enroth MAD(40), MAU(105), REU(301,105).  
*Leptodon smithii* (Hedw.) Web. & Mohr CBS(1531), DJI(1569), ERI(50), ETH(50),



- KEN(46), NAT(1531), OFS(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZIM(46).  
*Leptodon smithii* fo. *laxus* Tong. Excluded. Any records for this form have been associated with the owning species.
- Leptodon smithii* var. *beccarii* (C.Müll.) Tong. DJI(50), ERI(50), ETH(50), KEN(46), TAN(46), UGA(46).
- Leptodontiopsis elata* Dix. KEN(46).
- Leptodontiopsis fragilifolia* Broth. KEN(46,136), RWA(65), TAN(46), UGA(46), ZAI(65).
- Leptodontiopsis fragilifolia* var. *brotheri* P.Varde RWA(65), TAN(46), UGA(46), ZAI(65).
- Leptodontiopsis macrocarpa* Dix. KEN(46).  
*Leptodontium abyssinicum* Broth. = *L. capituligerum* (46).  
*Leptodontium allorgei* Biz. ex Pócs. Excluded. De Sloover (290) states that the specimen is probably a species of *Cynodontium*.
- Leptodontium brachyphyllum* Broth. & Thér. CBS(1531), LES(1531), NAT(1531), SWA(1531), TRV(1531).
- Leptodontium capituligerum* C.Müll. ETH(50), KEN(46).  
*Leptodontium filicaule* Dix. = *L. flexifolium* (1420).
- Leptodontium flexifolium* (Dicks.) Hampe CAM(47), FER(47), KEN(46), LES(1158), REU(290), RWA(46,65), TAN(46), UGA(46), ZAI(65).
- Leptodontium gambaragarae* Negri KEN(46), UGA(46).  
*Leptodontium insolutum* var. *insolutum* Thér. & P.Varde = *Barbula eubryum* (1420).  
*Leptodontium insolutum* var. *perundulatum* Thér. & P.Varde = *Barbula eubryum* (1420).  
*Leptodontium joannis-meyeri* C.Müll. = *L. pungens* (1420).  
*Leptodontium joannis-meyeri* var. *cameruniae* Broth. = *L. pungens* (1420).
- Leptodontium latifolium* Broth. RWA(65), UGA(46), ZAI(65).
- Leptodontium longicaule* ssp. *stellatum* (Brid.) De Sloover BUR(65), REU(290), TAN(46).
- Leptodontium longicaule* var. *longicaule* Mitt. BUR(65), KEN(46), MAL(67), MAS(40), NAT(1531), RWA(65), SWA(1531), TAN(46), TRV(1531), ZAI(65), ZIM(61).
- Leptodontium longicaule* var. *microuncinatum* (Dus.) Zander KEN(46), REU(105).
- Leptodontium luteum* (Tayl.) Mitt. KEN(46), TAN(46).  
*Leptodontium pumilum* (C.Müll.) Kindb. = *L. pungens* (1420).
- Leptodontium pungens* (Mitt.) Kindb. CAM(47), ETH(1865), KEN(46), REU(290), RWA(65), TAN(46), UGA(46), ZAI(65).
- Leptodontium repens* (C.Müll.) Kindb. TAN(46).  
*Leptodontium rhynchophorum* Dix. Excluded. De Sloover (290) states that the specimen is probably a species of *Zygodon*.
- Leptodontium serrifolium* (C.Müll.) Broth. = *L. pungens* (1420).
- Leptodontium squarrosum* (Hook.) Par. = *L. viticulosoides* (1521).
- Leptodontium stellatum* (Brid.) Ren. = *L. longicaule* ssp. *stellatum* (65).
- Leptodontium tenerascens* Broth. = *L. flexifolium* (290).  
*Leptodontium tenerascens* var. *planifolium* P.Varde. Excluded. De Sloover (290) states that the specimen from Rwanda called such by Potier de la Varde does not belong to *Leptodontium*.
- Leptodontium undatifolium* C.Müll. ZAI(65).
- Leptodontium viticulosoides* (P.Beauv.) Wijk & Marg. BUR(65), CAM(47), COM(40), ETH(50), KEN(46), MAD(40), MAL(67), MOZ(46), NAT(1531), REU(105), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(46), ZIM(46,61).
- Leptodontium volkensis* Broth. DJI(1569).
- Leptodontium wallisii* (C.Müll.) Kindb. RWA(65), TAN(1404), UGA(46), ZAI(65).
- Leptohymenium stramineum* (C.Müll.) Jaeg. ETH(50).
- Leptoischyrodon congoanus* Dix. MAL(67), TRV(1531), ZAI(65).
- Leptopterigynandrum austro-alpinum* C.Müll. LES(1074,1531), NAT(1531).
- Leptotheca gaudichaudii* Schwaegr. CBS(1531).
- Leskea filivaga* (C.Müll.) Broth. KEN(46).
- Leskea guineensis* Par. & Broth. GUI(47).
- Leskea mauritiana* Besch. MAU(105).
- Leskeella zuluensis* Broth. & Bryhn NAT(1531).  
*Leskeodon mniifolius* (Hornsch.) Bizot = *Distichophyllum mniifolium* (1519).
- Leucobryum acutifolium* (Mitt.) Card. ANG(46), CBS(1531), MAD(40), MAL(67), NAT(1531), SWA(1531), TAN(46), TRV(1531), ZAI(65), ZAM(46,62), ZIM(46,61).
- Leucobryum afro-glaucum* C.Müll. CAM(47),

- CAR(47), GAB(47), GUI(47), ZAI(65).  
*Leucobryum babettii* Thér. & P.Varde CON(47), GAB(47).  
*Leucobryum bistratosum* Broth. TAN(46).  
*Leucobryum boivinianum* Besch. MAD(40).  
*Leucobryum boryanum* Besch. MAD(40), REU(105).  
*Leucobryum boryanum* var. *minus* Card. MAD(40).  
*Leucobryum cambouei* Card. MAD(40).  
*Leucobryum cameruniae* C.Müll. ex Ren. & Card. CAM(47), CAR(47), CON(47), GAB(47), IVO(44).  
*Leucobryum comorense* C.Müll. COM(40), MAD(40), MAU(105).  
*Leucobryum cucullatum* Broth. ANG(259), GAB(47), KEN(46), MAD(40), MAL(67), TAN(46), ZAI(65), ZAM(46).  
*Leucobryum cucullatum* var. *rutenbergii* (Geh.) Card. ANG(259), MAD(40).  
*Leucobryum fouta-djalloni* Par. & Card. CAR(47), GUI(47), KEN(46), MAL(67), NIG(334), SAO(47).  
*Leucobryum galinonii* Card. & Par. MAD(40).  
*Leucobryum heterodictyon* Besch. MAD(40).  
*Leucobryum heterodictyon* var. *microphyllum* (Card.) Wijk & Marg. MAD(40).  
*Leucobryum homalophyllum* Broth. SAO(47).  
*Leucobryum isleanum* Besch. COM(40), MAD(40), MAU(105), REU(105).  
*Leucobryum isleanum* var. *molle* (C.Müll.) Card. COM(40), MAD(40), MAU(105), TAN(46), ZAM(46).  
*Leucobryum javense* (Brid.) Mitt. REU(105).  
*Leucobryum juniperoideum* (Brid.) C.Müll. MAU(105), REU(105).  
*Leucobryum laeve* Mitt., *nom. nud.* MAD(40).  
*Leucobryum letestui* P.Varde GAB(47).  
*Leucobryum leucophanoides* C.Müll. SAO(47).  
*Leucobryum madagassum* Besch. ANG(46), BUR(65), KEN(46), MAD(40), MAL(67), RWA(65), SWA(1531), TAN(46), TRV(1531), ZAM(62), ZIM(61).  
*Leucobryum mauritanum* C.Müll., *nom. nud.* MAU(105).  
*Leucobryum mayottense* Card. COM(40), KEN(46), MAD(40), MAU(105), REU(105), TAN(46).  
*Leucobryum molliculum* Broth. CAM(47), MOZ(46), TAN(46), UGA(46).  
*Leucobryum parvulum* Card. MAD(40).  
*Leucobryum perrotii* Ren. & Card. MAD(40), MAU(105), TAN(46).  
*Leucobryum pseudo-madagassum* Card. MAD(40).  
*Leucobryum rehmannii* C.Müll. CBS(1531).  
*Leucobryum sanctae-mariae* Card. MAD(40).  
*Leucobryum sphagnoides* (Welw. & Duby) Card. ANG(46).  
*Leucodon assimilis* (C.Müll.) Jaeg. = *L. maritimus* (46).  
*Leucodon bescherellei* Broth. & Geh. ASC(1296).  
*Leucodon canariensis* (Brid.) Schwaegr. MAD(40).  
*Leucodon capensis* Schimp. = *L. maritimus* (1519).  
*Leucodon dracaenae* Solms. ex Vent. DJI(1569), ERI(50), ETH(50), KEN(46,136), TAN(46).  
*Leucodon dracaenae* var. *schweinfurthii* (C.Müll.) Fleisch. = *L. dracaenae* (1521).  
*Leucodon laxifolius* C.Müll. & Fleisch. ERI(50), ETH(50), KEN(46), TAN(46).  
*Leucodon maritimus* (Hook.) Wijk et Marg. CBS(1531), KEN(46), MAD(40), MAL(67), NAT(1531), OFS(1531), REU(105,1294), RWA(65), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(46), ZIM(46).  
*Leucodon rutenbergii* C.Müll. ex Geh. MAD(40), TAN(46).  
*Leucodon schweinfurthii* C.Müll. = *L. dracaenae* (1521).  
*Leucodon schweinfurthii* var. *gracilior* Broth ex Mich. = *L. dracaenae* (1521).  
*Leucodon sciuroides* var. *sciuroides* (Hedw.) Schwaegr. KEN(46), TAN(46).  
*Leucodontopsis cameruniae* (Broth.) Broth. = *Leucodontopsis geniculata* (28) (= *Henicodium geniculatum*).  
*Leucodontopsis geniculata* (Mitt.) Crum & Steere = *Henicodium geniculatum* (1339).  
*Leucoloma albocinctum* Ren. & Card. MAD(40), MAL(67).  
*Leucoloma albocinctum* var. *subelimbatum* Ren., *nom. nud.* MAD(40).  
*Leucoloma allorgei* Thér. MAD(40).  
*Leucoloma amblyacron* Besch. MAU(105).  
*Leucoloma ambreanum* Ren. & Card. MAD(40).  
*Leucoloma aspericuspis* P.Varde KEN(46), MAL(67), TAN(46).  
*Leucoloma bifidum* (Brid.) Brid. KEN(46), MAD(40), MAS(40), TAN(46).  
*Leucoloma bifidum* var. *tanganikae* P.Varde & Thér. TAN(46).

- Leucoloma boivinianum* var. *angasizae* (Ren.) Par. COM(40).  
*Leucoloma boivinianum* var. *boivinianum* Besch. COM(40),MAD(40),REU(105).  
*Leucoloma boivinianum* var. *brevifolium* Ren. MAD(40).  
*Leucoloma breviperculatum* Dix. MAD(40).  
*Leucoloma brotheri* Ren. MAD(40),TAN(46).  
*Leucoloma candidulum* Besch. MAU(105),REU(105).  
*Leucoloma candidum* Broth. MAD(40).  
*Leucoloma capillifolium* Ren. MAD(40).  
*Leucoloma cespitulans* (C.Müll.)Jaeg. COM(40).  
*Leucoloma charrieri* Thér. & P.Varde MAD(40).  
*Leucoloma chlorophyllum* Broth. TAN(46).  
*Leucoloma chrysobasilare* (C.Müll.) Jaeg. COM(40),MAD(40),NAT(1531),TAN(46),TRV(1531),ZIM(46,61).  
*Leucoloma chrysobasilare* var. *gracilicaulon* (C.Müll.)Jaeg. COM(40),MOZ(46),TAN(46),ZIM(46).  
*Leucoloma chrysobasilare* var. *procerum* (Ren.) Broth. COM(40).  
*Leucoloma cinclidotioides* Besch. MAU(298,105),REU(105).  
*Leucoloma cirrosulum* Ren. MAD(40).  
*Leucoloma comorae* Ren. COM(40),MAD(40).  
*Leucoloma convolutaceum* Ren. MAD(40).  
*Leucoloma crepinii* Ren. & Card. MAD(40),MAU(105),REU(105).  
*Leucoloma crepinii* var. *orthothecioides* (Besch.) Ren. MAU(105).  
*Leucoloma crosbyi* LaFarge-England MAD(1617).  
*Leucoloma cuneifolium* (C.Müll. ex Geh.) Wright MAD(40),TAN(46).  
*Leucoloma decaryi* Thér. MAD(40).  
*Leucoloma decaryi* var. *comorense* Thér. COM(40).  
*Leucoloma decolor* Wright TAN(46).  
*Leucoloma delicatulum* Ren. MAD(40).  
*Leucoloma delicatulum* var. *laxobasis* Ren. & Card. MAD(40).  
*Leucoloma dichelymoides* (C.Müll.) Jaeg. COM(40),MAD(40),MAU(105).  
*Leucoloma dubyanum* Besch. MAD(40),MAU(105).  
*Leucoloma fontinaloides* Dix. MAD(40).  
*Leucoloma forsythii* Thér. MAD(40).  
*Leucoloma fuscifolium* Besch. MAD(40),MAU(105),REU(105).  
*Leucoloma fuscifolium* var. *crispatulum* Ren. MAD(40),REU(105).  
*Leucoloma garnieri* Par. & Ren. MAD(40).  
*Leucoloma garnieri* fo. *aquaticum* Thér. Excluded.  
 Any records for this form have been associated with the owning species.  
*Leucoloma gracilescens* Broth. SAO(47).  
*Leucoloma grandidieri* Ren. & Card. MAD(40).  
*Leucoloma grimmoides* P.Varde MAD(40),TAN(46).  
*Leucoloma guineense* Broth. & Par. GUI(47).  
*Leucoloma holomitrioides* C.Müll. MAD(40).  
*Leucoloma holstii* Broth. MAL(67),RWA(65),TAN(46).  
*Leucoloma humbertii* P.Varde MAD(40).  
*Leucoloma incrassatum* Thér. MAD(40).  
*Leucoloma isleanum* Par. COM(40),MAU(105),SEY(40).  
*Leucoloma isleanum* var. *subtortile* Ren. COM(40).  
*Leucoloma latifolium* Broth. & P.Varde GAB(47).  
*Leucoloma lepervanchei* Besch. REU(105).  
*Leucoloma leptocladum* Ren. MAD(40).  
*Leucoloma levieri* Ren. MAD(40).  
*Leucoloma longifolium* (Brid.) Wijk & Marg. MAD(40),MAU(105),REU(105).  
*Leucoloma mafatense* Ren. REU(105).  
*Leucoloma meteoroides* P.Varde MAD(40).  
*Leucoloma normandii* Par. & Broth. ex Ren. GUI(47),NIG(47),SIL(47).  
*Leucoloma normandii* var. *alpinum* Par. & Broth. GUI(47).  
*Leucoloma ochrobasilare* Ren. MAD(40).  
*Leucoloma pallidulum* Thér. MAU(105).  
*Leucoloma pennequinii* Par., nom. nud. MAD(40).  
*Leucoloma perrieri* Thér. MAD(40).  
*Leucoloma persecundum* Besch. MAD(40),MAU(105).  
*Leucoloma persecundum* var. *perrotii* Ren. MAD(40).  
*Leucoloma pobeguinii* Par. & Broth. GUI(47).  
*Leucoloma pumilum* Wright MAD(40).  
*Leucoloma pusillum* Card. MAD(40).  
*Leucoloma pygmaeum* Par. GUI(47).  
*Leucoloma rehmannii* (C.Müll.) Rehm. ex Par. CBS(1531),MAL(67),NAT(1531),TRV(1531),ZAM(46),ZIM(46,61).  
*Leucoloma rutenbergii* (Geh.) Wright MAD(40).  
*Leucoloma rutenbergii* var. *abbreviatum* Ren. MAD(40).  
*Leucoloma rutenbergii* var. *elatum* Ren.

- MAD(40),REU(298).  
*Leucoloma rutenbergii* var. *perrotii* Ren. MAD(40).  
*Leucoloma rutenbergii* var. *porosis* Thér. MAU(105).  
*Leucoloma sanctae-mariae* Besch. MAD(40).  
*Leucoloma sanctae-mariae* var. *leptolimbatum* Ren. MAD(40).  
*Leucoloma schelppei* P.Varde MOZ(46).  
*Leucoloma secundifolium* Mitt. CAM(47), SAO(47).  
*Leucoloma sericeum* P.Varde SIL(47).  
*Leucoloma serraticuspis* P.Varde MOZ(46).  
*Leucoloma seychellense* Besch. SEY(40).  
*Leucoloma silvaticum* Ren. MAD(40).  
*Leucoloma sinuosulum* C.Müll. ex Besch. COM(40),MAD(40),MAU(105),REU(105), TAN(46).  
*Leucoloma sprengelianum* (C.Müll.) Jaeg. CBS(1531),TRV(1531).  
*Leucoloma squarrosulum* (Geh.) Wright MAD(40).  
*Leucoloma squarrosulum* ssp. *subplicatum* (Ren. & Card.) Broth. MAD(40).  
*Leucoloma subbifidum* Ren. MAD(40).  
*Leucoloma subcespitulans* Besch. REU(105).  
*Leucoloma subchrysobasilare* Ren. MAD(40).  
*Leucoloma subsecundifolium* Broth. TAN(46).  
*Leucoloma subtuberculosum* Ren. MAD(40), MAS(40).  
*Leucoloma subtuberculosum* var. *longifolium* Thér. MAD(40).  
*Leucoloma syrrhopodontioides* Broth. CBS(1531),TRV(1531),ZIM(61).  
*Leucoloma talazaccii* Ren. & Card. MAD(40).  
*Leucoloma talazaccii* var. *fragilifolium* Thér. & P.Varde MAD(40).  
*Leucoloma tanganyikae* P.Varde TAN(46).  
*Leucoloma terricola* Broth. TAN(46).  
*Leucoloma thraustum* Besch. MAD(40).  
*Leucoloma thuretii* Besch. MAD(40).  
*Leucoloma tuberculosum* Ren. MAD(40).  
*Leucoloma villaumei* Thér. MAD(40).  
*Leucoloma volkensisii* Broth. KEN(46),TAN(46).  
*Leucoloma zanzibarense* Broth. TAN(46).  
*Leucomium aneurodictyon* (C.Müll.) Jaeg. CAR(47), COM(40), GHA(47), IVO(1880), LIB(47),MAD(40),SEY(40),TAN(46),ZAI(65).  
*Leucomium commixtum* (C.Müll.) Kindb. CAM(47).  
*Leucomium golungense* Gepp in Hiern. = *L. strumosum* (1878).  
*Leucomium le-testui* Broth. & P.Varde = *L. strumosum* (1878).  
*Leucomium mahorense* Besch. = *L. aneurodictyon* (40).  
*Leucomium perglaucum* C.Müll. ex Broth. CAM(47), CAR(47), GAB(47), TAN(46), ZAI(65).  
*Leucomium strumosum* (Hornsch.)Mitt. ANG(46), CAR(47), CON(47), FER(47), GAB(47), SAO(47),TAN(46),TOG(1878).  
*Leucoperichaetium eremophilum* Magill NAM(1531).  
*Leucophanella revoluta* (Dozy & Molk.) Fleisch. = *Syrrhopodon revolutus* (1521) (= *S. involutus*).  
*Leucophanes angustifolium* Ren. & Card. CAM(47,1896), COM(1149,1896), GHA(1149,1896), MAU(105), REU(1149,105,1896), SEY(1149,1896), TAN(46,1896),UGA(46),ZAI(65).  
*Leucophanes annobonense* Broth. in Mildbr., *nom. nud.* ANN(47).  
*Leucophanes annobonense* Broth. in Mildbr., *nom. nud.* This taxon is not covered in Salazar Allen's world-wide revision of the genus (1896).  
*Leucophanes cameruniae* C.Müll ex Dus. = *L. molleri* (1149).  
*Leucophanes denticuspis* C.Müll ex Dus. = *L. angustifolium* (1149).  
*Leucophanes glaucum* (Schwaegr.) Mitt. SEY(1896).  
*Leucophanes heterodictyon* Onr. = *L. renauldii* (1896).  
*Leucophanes hildebrandtii* C.Müll. COM(40,1896), MAD(40,1896), MAU(105,1896),REU(105),TAN(46,1896).  
*Leucophanes hildebrandtii* fo. *rigidum* Besch. Excluded. Any records for this form have been associated with the owning species.  
*Leucophanes lecomptei* Besch. = *L. molleri* (1149).  
*Leucophanes mayottense* Card. = *L. angustifolium* (1149).  
*Leucophanes molleri* C.Müll. CAM(47,1896), CAR(47), CON(47,1896), GAB(47), GHA(1149,1896),GUI(47),IVO(47,1896,1880), LIB(47,1896), MAU(1896), SAO(47,1896), TAN(46,1896),UGA(1896),ZAI(65,1896).  
*Leucophanes octoblepharioides* Brid. CAR(47), GAB(47),MAU(1896),SEY(1896).

- Leucophanes renauldii* Card. COM(1896), MAD(40,1896), MAU(105,1896), TAN(46).
- Leucophanes rodriguezii* C.Müll. COM(40), MAD(1896), MAU(1896), REU(1896), TAN(46).
- Leucophanes scabridens* P.Varde = *L. octoblepharoides* (1896).
- Leucophanes seychellarum* Besch. SEY(40,1896), TAN(46).
- Leucophanes unguiculatum* Mitt. NIG(1896), PRI(47,1896).
- Levierella fabroniacea* C.Müll. KEN(408,46), NAT(1531), SWA(1531), TRV(1531).
- Levierella fabroniacea* var. *abyssinica* Dix. = *L. perserrata* (46).
- Levierella perserrata* P.Varde & Leroy ERI(50), ETH(50), KEN(46), TAN(46), UGA(46), ZAI(65), ZAM(46).
- Levierella subfabroniacea* Broth. & Par. GUI(47).
- Lindbergia abbreviata* (Schimp. ex Jaeg.) Broth. ETH(50).
- Lindbergia erythraea* (C.Müll.) Fleisch. ERI(50).
- Lindbergia haplocladioides* Dix. CBS(1531), KEN(46), NAT(1531), OFS(1531), TRV(1531), ZIM(61).
- Lindbergia patentifolia* Dix. CBS(1531), DJI(1569), KEN(46), NAT(1531), OFS(1531), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46,61).
- Lindbergia patentifolia* fo. *perrobusta* P.Varde. Excluded. Any records for this form have been associated with the owning species.
- Lindbergia pseudoleskeoides* Dix. CBS(1531), LES(1531), MOZ(46), NAT(1531), OFS(1531), TRV(1531), ZIM(46).
- Lindbergia viridis* Dix. CBS(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531).
- Lindigia africana* Broth. = *Aerolindigia capillacea* (65).
- Lindigia hildebrandtii* Ren. MAD(40).
- Loiseaubryum ephemeroide* Biz. CHA(4), NIG(1883).
- Lopidium campononii* (Ren. & Card.) Fleisch. = *L. struthiopteris* var. *campononii* (108).
- Lopidium hemiloma* (C.Müll.) Fleisch. COM(40), TAN(46), ZAI(65).
- Lopidium pennaeforme* (Brid.) Fleisch. CBS(1531), NAT(1531), TAN(46), ZIM(61).
- Lopidium struthiopteris* (Brid.) Fleisch. KEN(46), REU(105), TAN(46).
- Lopidium struthiopteris* var. *campononii* (Ren. & Card.) Biz. KEN(46), MAD(40), TAN(46).
- Lopidium subtrichocladon* (Broth.) Fleisch. SAO(47), TAN(46).
- Macrocoma abyssinica* (C.Müll.) Vitt. CAM(47), ETH(50), KEN(46), MAL(67), RWA(65), SOC(40,1626), TAN(46), ZAI(65).
- Macrocoma lycopodioides* (Schwaegr.) Vitt. CBS(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531).
- Macrocoma lycopodioides* (Schwaegr.) 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 Gepp's 1901 collection from Angola is also unreliable.
- Macrocoma pulchella* (Hornsch.) Vitt. CBS(1531).
- Macrocoma pulchella* (Schwaegr.) 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 tenue* ssp. *tenue* (Hook. & Grev.) Vitt. ANG(46), CBS(1531), KEN(46), LES(1531), MAD(40), MAL(67), MOZ(357), NAT(1531), OFS(1531), REU(105), RWA(65), STH(1296), SWA(1531), TAN(46), TRV(1531), ZAI(65), ZIM(46,61).
- Macrohymenium acidodon* (Mont.) Dozy & Molk. KEN(46), MAD(40), REU(105), SEY(40), TAN(46).
- Macrohymenium acidodon* fo. *minutissimum* Besch. Excluded. Any records for this form have been associated with the owning species.
- Macrohymenium incrassatum* (Dix. & Thér.) Kis. UGA(46), ZAI(65).
- Macrohymenium megasporum* (Duby) Kis. CAM(47), COM(40), GAB(47), MAD(40), MAU(105), REU(105), SEY(40), TAN(46).
- Macromitrium abessinianum* var. *angustifolium* Broth., nom. dub. ex err. TAN(46).
- Macromitrium abyssinicum* C.Müll. = *Macrocoma abyssinica* (65).
- Macromitrium adelphinum* Card. MAD(40).
- Macromitrium amaniense* P.Varde TAN(46).
- Macromitrium ancistrophyllum* Card. MAD(40).
- Macromitrium anomodictyon* Card. MAD(40).
- Macromitrium astroideum* Mitt. ROD(105).
- Macromitrium belangeri* C.Müll. REU(105).

- Macromitrium bequaerti* Thér. & Nav. ZAI(65).  
*Macromitrium calocalyx* Geh. MAD(40).  
*Macromitrium calomicron* Broth. MAU(105).  
*Macromitrium chlororete* C.Müll. ex Par., *nom. nud.* ETH(50).  
*Macromitrium cucullatum* C.Müll. ex Brizi ERI(50).  
*Macromitrium dusenii* C.Müll. ex Broth. CAM(47), GAB(47), IVO(1880), LIB(47), NIG(47), ZAI(65).  
*Macromitrium eckendorffii* Thér. & P.Varde = *M. sulcatum* (1878).  
*Macromitrium ecrispatum* Dix. TAN(46).  
*Macromitrium fasciculare* Mitt. MAD(40), REU(105), TAN(46).  
*Macromitrium fasciculare* var. *angustifolium* P.Varde MAD(40).  
*Macromitrium fimbriatum* (P.Beauv.) Schwaegr. MAD(40), MAU(105), REU(105).  
*Macromitrium fimbriatum* var. *chloromitrium* Besch. MAU(105).  
*Macromitrium fragile* Negri UGA(46).  
*Macromitrium funicaule* Besch. MAU(105).  
*Macromitrium gimalacii* Biz. & Onr. REU(105).  
*Macromitrium hildebrandtii* C.Müll. COM(40).  
*Macromitrium lanceolatum* Broth. MAU(105).  
*Macromitrium lebomboense* Van Rooy CBS(1531,1438), NAT(1531,1438).  
*Macromitrium leucoblastum* C.Müll. ex Par., *nom. nud.* ETH(50).  
*Macromitrium levatum* Mitt. = *M. sulcatum* (1878).  
*Macromitrium liliputanum* C.Müll. KEN(46).  
*Macromitrium macropelma* C.Müll. CBS(1531).  
*Macromitrium mauritanum* Schwaegr. DIE(40), MAD(40), MAU(105), REU(105), TAN(46).  
*Macromitrium mauritanum* var. *viride* Broth. MAU(105).  
*Macromitrium megalosporum* Thér. & Nav. KEN(46), ZAI(65).  
*Macromitrium microphyllum* Hook. & Grev. = *M. tenue* (1521) (= *Macrocoma tenue*).  
*Macromitrium nanothecium* Card. MAD(40).  
*Macromitrium nanothecium* var. *sublaeve* Thér. MAD(40).  
*Macromitrium onraedtii* Biz. MAD(40).  
*Macromitrium pallidum* (P.Beauv.) Wijk & Marg. MAU(105), REU(105).  
*Macromitrium proximum* Thér. MAD(40).  
*Macromitrium recurvum* Mitt., *nom. nud.* MAU(105).  
*Macromitrium rhizomatosum* C.Müll. MAD(40).  
*Macromitrium richardii* Schwaegr. CBS(1531,1438), NAT(1531,1438).  
*Macromitrium rufescens* Besch. COM(40), KEN(46), MAD(40), REU(105), TAN(46).  
*Macromitrium sanctae-mariae* Ren. & Card. MAD(40).  
*Macromitrium sclerodictyon* Card. MAD(40).  
*Macromitrium scleropodium* Besch. CAM(47), GAB(47), MAD(40), REU(105), ZAI(65).  
*Macromitrium seemannii* Mitt. STH(1296).  
*Macromitrium semipapillosum* Thér. & P.Varde MAD(40).  
*Macromitrium seritum* Par. & Broth. GUI(47).  
*Macromitrium serpens* (Hook. & Grev.) Brid. CBS(1531), MAD(40), MAL(67), MOZ(46), NAT(1531), REU(105).  
*Macromitrium soulae* Ren. & Card. MAD(40).  
*Macromitrium subpungens* Hampe ex C.Müll. COM(40), MAD(40), SEY(40), TAN(46).  
*Macromitrium subpungens* var. *madagassum* Card. MAD(40).  
*Macromitrium subtortum* (Hook. & Grev.) Schwaegr. MAD(40).  
*Macromitrium sulcatum* (Hook.) Brid. CAM(47), CBS(1531), CAR(47), COM(1447), FER(47), GAB(47), GHA(47), IVO(47), KEN(46), MAD(40), MAL(67), MOZ(46), NAT(1531), NIG(47), PRI(47), RWA(65), SAO(47), SIL(47), TAN(46), TOG(1878), TRV(1531), ZAI(65), ZAM(46,62), ZIM(46,61).  
*Macromitrium tristratosum* Dix. MAD(40), TAN(46).  
*Macromitrium trollii* Dix. KEN(46).  
*Macromitrium urceolatum* C.Müll. ex Geh. DIE(40), MAD(40), STH(1296), TAN(46).  
*Macromitrium virescens* C.Müll. ex Vent. ERI(50).  
*Macromitrium voeltzkowii* Broth. MAU(105), REU(105).  
*Meesia kenyae* P.Varde KEN(46).  
*Meiotheciopsis usambarica* (Broth.) Buck. TAN(46).  
*Meiothecium chlorocladum* (Broth.) Broth. CAM(47).  
*Meiothecium chlorocladum* var. *intermedium* Thér. ZAI(65).  
*Meiothecium crassirete* (Ren. & Card.) Card. MAD(40).  
*Meiothecium fuscescens* (Jaeg.) Broth. CBS(1531).  
*Meiothecium guineense* (Broth. & Par.) Sch.-Mot. GUI(47).  
*Meiothecium madagascariense* (Brid.) Broth.

- MAD(40), ROD(1631).  
*Meiothecium pobeguini* (Broth. & Par.) Broth. GUI(47).  
*Meiothecium undulatum* (Ren. & Card.) O'Shea MAD(40).  
*Mesonodon flavescens* (Hook.) Buck CAM(47), GUI(47), MAD(40), MAL(67), MAU(105), TAN(46), TOG(1878).  
*Metzlerella madagascariensis* Thér. = *Atractylocarpus madagascariensis* (465).  
*Microbryum davallianum* var. *conicum* (Schleich. ex Schwaegr.) Zander CBS(1531).  
*Microbryum rufochaete* (Magill) Zander CBS(1531).  
*Microbryum subplanomarginatum* (Dix.) Zander CBS(1531), NAM(1531).  
*Microcampylopus kouroussensis* (Ren. & Par.) Rich. & Clear = *Campylopus kouroussensis* Ren. & Par (507) = *Campylopus perpusillus* (54).  
*Microcampylopus laevigatus* (Thér.) Giese & Frahm KEN(46), MAD(40), MAL(46,67), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Microcampylopus nanus* (C.Müll.) Broth. ex Par. = *Dicranella subsubulata* (507).  
*Microcampylopus perpusillus* (Mitt.) Broth. ex Par. = *Campylopus perpusillus* (507).  
*Microdus afro-exiguus* (Dus.) Par. CAM(47).  
*Microdus ampullaceus* (Dus.) Par. MAL(67), NIG(47).  
*Microdus congolense* Ren. & Card. ZAI(65).  
*Microdus glabrifolium* (C.Müll.) Kindb. RWA(65), ZAI(65).  
*Microdus ligulifolius* (C.Müll.) Broth. NIG(47).  
*Microdus lutarius* Besch. REU(105).  
*Microdus minutus* (Hampe) Besch. CBS(1531), COM(40), LES(1531), MAD(40), MAL(67), MAU(105), NAT(1531), SWA(1531), TAN(46), TRV(1531).  
*Microdus moenkemeyeri* (C.Müll.) Par. NIG(47).  
*Microdus nitidulus* (Mitt.) Par. CAR(47), GAB(47), GHA(47), IVO(1880), NIG(47), TOG(58,1878), ZAI(65).  
*Microdus pallidisetus* (Brid.) Besch. MAD(40).  
*Microdus subnitidulus* Thér. & P.Varde CAR(47), GAB(47), ZAI(65).  
*Micromitrium elimbatum* Thér. = *Groutiella elimbata* (See "New Combinations").  
*Micropoma bukobense* Broth. = *Physcomitrium bukobense* (1680).  
*Micropoma niloticum* (Del.) Lindb. = *Physcomitrium niloticum* (1680).  
*Microthamnium afro-elegantulum* C.Müll. = *Mitthenothamnium horridulum* (1521).  
*Mielichhoferia basilaris* Bruch. & Schimp. ex C.Müll. = *Schizymerium basilaris* (1487).  
*Mielichhoferia bequaertii* Dix. & Nav. = *Pohlia bequaertii* (65).  
*Mielichhoferia borbonica* Thér. REU(105).  
*Mielichhoferia bryoides* (Harv.) Wijk et Marg. CBS(1531), LES(1531), MAL(67), NAT(1531), OFS(1531), TRV(1531), ZIM(46).  
*Mielichhoferia cardotii* Shaw & Crum MAD(40).  
*Mielichhoferia clavata* Bruch & Schimp. ETH(50), SUD(1419).  
*Mielichhoferia commixta* Thér. = *Schizymerium commixtum* (1487).  
*Mielichhoferia cratericola* Broth. = *Schizymerium cratericola* (65).  
*Mielichhoferia elgonensis* P.Varde TAN(46), UGA(46).  
*Mielichhoferia elongata* (Hoppe & Hornsch.) Nees & Hornsch. = *M. mielichhoferi* var. *elongata* (1521).  
*Mielichhoferia hariotii* Thér. = *Schizymerium hariotii* (1487).  
*Mielichhoferia hymenostoma* Bruch. & Schimp. ex C.Müll. = *Schizymerium hymenostomum* (1487).  
*Mielichhoferia hymenostomoides* P.Varde UGA(46).  
*Mielichhoferia linderi* Thér. RWA(65).  
*Mielichhoferia madagassa* Ren. & Card. ex Card. = *Schizymerium madagassum* (1487).  
*Mielichhoferia madagassa* var. *gracilis* Thér. MAD(40).  
*Mielichhoferia madagassa* var. *gracilis* Thér. *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 ovalis* Mitt. CAM(47), IVO(1458).  
*Mielichhoferia ruwenzorensis* Thér. & Nav. = *Schizymerium ruwenzorensis* (65).  
*Mielichhoferia schimperii* Besch. ex Paris ETH(50).  
*Mielichhoferia spelunca* P.Varde UGA(46).  
*Mielichhoferia squarrosa* var. *fragilis* Thér. & Nav. ZAI(65).  
*Mielichhoferia subbasilaris* Broth. RWA(65), UGA(46).  
*Mielichhoferia subnuda* Sim CBS(1531),

- LES(1531),NAT(1531),OFS(1531).  
*Mielichhoferia vardei* Shaw & Crum CAM(47).  
*Mielichhoferia woodii* P.Varde UGA(46).  
*Mittenothamnium aureum* (Besch.) Card. = *M. reptans* (717).  
*Mittenothamnium bescherellei* (Ren. & Card.) Card. REU(105).  
*Mittenothamnium brevicuspis* (P.Varde) Wijk & Marg. = *Chryso-hypnum frondosum* (717).  
*Mittenothamnium caudiforme* (C.Müll.) Card. MOZ(46).  
*Mittenothamnium cavifolium* (Dix.) Wijk & Marg. = *Chryso-hypnum cavifolium* (717).  
*Mittenothamnium ctenidioides* (Dix.) Schelpe CBS(1531),TAN(46).  
*Mittenothamnium cygnicollum* (Dix.) Wijk & Marg. = *M. reptans* (717).  
*Mittenothamnium frondosum* (Mitt.) Card. = *Chryso-hypnum frondosum* (717).  
*Mittenothamnium fruticellum* (Mitt.) Card. = *M. reptans* (717).  
*Mittenothamnium horridulum* (Broth.) Card. CAM(47), GUI(47), MAD(40), NAT(1531), NIG(334).  
*Mittenothamnium isopterygioides* (Ren. & Card.) Card. GAB(47).  
*Mittenothamnium lacouturei* (Ren. & Card.) Card. MAD(40).  
*Mittenothamnium leptoreptans* (Broth.) Card. SAO(47).  
*Mittenothamnium limosum* (Besch.) Card. MAD(40),REU(105).  
*Mittenothamnium madagassum* (Besch.) Card. COM(40),MAD(40),REU(105).  
*Mittenothamnium microthamnioides* (Geh.) Wijk & Marg. MAD(40),MOZ(46),ZAM(46).  
*Mittenothamnium microthamnioides* var. *glauculum* (Card.) Wijk & Marg. MAD(40).  
*Mittenothamnium overlaetii* Thér. & Nav. TAN(46),ZAI(65).  
*Mittenothamnium overlaetii* var. *kilimandscharicum* (Broth.) Kis TAN(46).  
*Mittenothamnium pallescens* Broth. in Mildbr. ANN(47).  
*Mittenothamnium patens* (Hampe) Card. CBS(1531),NAT(1531),TAN(46),TRV(1531).  
*Mittenothamnium perrieri* (Thér.) W.Sch.-Mot. CAR(47).  
*Mittenothamnium perrieri* (Thér.) Schultze-Motel. Crosby & Schultze-Motel (40) suggest that this is probably a synonym of *M. microthamnioides* var. *glauculum*.  
*Mittenothamnium plano-squarrosum* (Broth.) Card. = *Rhachopilopsis trinitensis* (717).  
*Mittenothamnium pobeguini* (Broth. & Par.) Card. = *Rhachopilopsis trinitensis* (717).  
*Mittenothamnium proreptans* (C.Müll.) Card. BUR(65),ZAI(65).  
*Mittenothamnium pseudoreptans* (C.Müll.) Card. CBS(1531),KEN(46),NAT(1531),TAN(46), TRV(1531),UGA(46),ZIM(46).  
*Mittenothamnium reptans* (Hedw.) Mitt. CAM(47), CBS(1531), FER(47), KEN(46), MAD(40),MAL(67),NAT(1531),REU(105), RWA(65), TAN(46), TRV(1531), ZAI(65), ZIM(46).  
*Mittenothamnium saproadelphus* (Broth.) Card. CAM(47),MAU(105).  
*Mittenothamnium serratum* (Jaeg.) Card. = *M. reptans* (717).  
*Mittenothamnium stuhlmannii* (Broth.) Card. = *Rhachopilopsis kilimandscharica* (717).  
*Mittenothamnium subelegantum* (Broth.) Card. = *Rhachopilopsis trinitensis* (717).  
*Mittenothamnium subpatens* (Broth.) Kis TAN(46).  
*Mitthyridium chenagonii* (Ren. & Card.) Robins. = *Serpotortella chenagonii* (1474).  
*Mitthyridium cyrtophyllum* (Besch.) Robins. = *Serpotortella cyrtophylla* (1474).  
*Mitthyridium fasciculatum* (Hook. & Grev.) H.Robins. MAD(1375),MAU(105).  
*Mitthyridium guineense* (Broth. & Par.) Sch.-Mot. GUI(47).  
*Mitthyridium letestui* (Thér. & P.Varde) Robins. = *M. undulatum* (1474).  
*Mitthyridium micro-undulatum* (Dix.) H.Robins. SEY(40).  
*Mitthyridium micro-undulatum* ssp. *comoroense* Reese COM(1713).  
*Mitthyridium subflavum* (Ren. & Card.) Robins. = *Syrhodon parasiticus* var. *disciformis* (1474) (= *Calymperopsis disciformis*).  
*Mitthyridium undulatum* (Dozy & Molk.) H.Robins. GAB(47).  
*Mniobryum linderi* Thér. ZAI(65).  
*Mniobryum pergracile* Thér. & P.Varde CAR(47), KEN(46), TAN(259), UGA(46), ZAI(65).  
*Mniobryum perlaxum* Thér. & P.Varde MAD(40).  
*Mniobryum ruwenzorensense* P.Varde UGA(46).



- Mniobryum wahlenbergii* (Web. & Mohr) Jenn. MAU(105).  
*Mnium punctatum* (Schreb.) Hedw. = *Rhizomnium punctatum*. Excluded. According to Koponen (1036), this taxon is not known from sub-Saharan Africa.  
*Mnium rostratum* (Schrad.) Schwaegr. = *Plagiomnium rostratum* (1036) (= *P. rhynchophorum*).  
*Moenkemeyera diaphanodonta* P.Varde = *Fissidens diaphanodontus* (46).  
*Moenkemeyera etessei* Broth. & Par. = *Fissidens fouta-djalloni* (76) (= *F. gardneri*).  
*Moenkemeyera flexipes* P.Varde = *F. parkii* (72).  
*Moenkemeyera hians* (Hampe) C.Müll. See *Fissidens hians* (Hampe)Par. 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* (Par. & Broth.) P.Varde = *Fissidens microcarpus* (73).  
*Moenkemeyera macrocarpa* Broth. & Par. = *Fissidens parkii* (72).  
*Moenkemeyera macroglossa* Broth. = *Fissidens macroglossus* (1458 (fide Bruggeman-Nannenga)).  
*Moenkemeyera macroglossoides* Broth. CAM(47).  
*Moenkemeyera mirabilis* C.Müll. = *F. parkii* (72).  
*Moenkemeyera scleromitria* (Besch.) P.Varde = *F. scleromitrius* (65).  
*Moenkemeyera subsphaerocarpa* P.Varde = *Fissidens microcarpus* (73).  
*Molendoa sendmeriana* (BS&G) Limpr. SOM(50).  
*Molendoa sublaevis* Demar. & P.Varde ZAI(65).  
*Nanobryum dummeri* Dix. CBS(1531), NAT(1531).  
*Nanobryum gladiolum* (Mitt.) Biz. = *Fissidens gladiolus* (46).  
*Neckera ascensionis* Besch. = *Himantocladium ascensionis* (1521).  
*Neckera complanata* var. *maxima* Dix. KEN(46).  
*Neckera ehrenbergii* C.Müll. = *N. remota* (1521).  
*Neckera extans* Besch. = *Neckeropsis disticha* (286).  
*Neckera hedbergii* P.Varde UGA(46).  
*Neckera hedbergii* P.Varde. 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 *N. remota*.  
*Neckera hoehneliana* C.Müll. ERI(50), KEN(46).  
*Neckera homoclada* C.Müll. in Par., *nom. nud.* ETH(50).  
*Neckera intermedia* Brid. CAP(1296).  
*Neckera nelloi* Broth. ex Broth. & Tong ERI(50).  
*Neckera nelloi* Broth. ex Broth. & Tong. De Sloover (286) suggests that this taxon is probably a synonym of *N. remota*.  
*Neckera occidentalis* Besch. = *Neckeropsis disticha* (286).  
*Neckera pennata* Hedw. FER(47), ZIM(61).  
*Neckera pennata* Hedw. De Sloover (286) states that is likely that the identifications of the above specimens are in error.  
*Neckera pertruncata* Card. = *Neckeropsis lepineana* (1848).  
*Neckera platyantha* (C.Müll.) Par. BUR(65), KEN(46), RWA(65,46), TAN(46), UGA(46), ZAI(65).  
*Neckera remota* Bruch & Schimp. ex C.Müll. BUR(65), CAM(47), DJI(50), ERI(50), ETH(50), KEN(46), MAD(40), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Neckera submacrocarpa* Dix. KEN(46,136), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Neckera subremota* C.Müll. ex Dus. = *N. remota* (46).  
*Neckera valentiniana* Besch. CBS(1531), MAD(40), NAT(1531), REU(105), TRV(1531), ZAI(65).  
*Neckera valentiniana* Besch. De Sloover (286) states that the records of this plant for 'central Africa' are in error.  
*Neckeropsis afrovectoriae* (Dus.) Fleisch. = *N. foveolata* (787).  
*Neckeropsis angustiretis* Dix. 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 bequaerti* Thér. & Nav. = *N. madecassa* (787).  
*Neckeropsis boiviniana* (Besch.) Card. MAD(40).  
*Neckeropsis disticha* (Hedw.) Kindb. BUR(65), CAM(47), CAR(47), COM(40), CON(47), FER(47), GAB(47), GHA(47), IVO(787,1880), LIB(787,108), NIG(787), PRI(787), TOG(58,1878), UGA(46), ZAI(65).  
*Neckeropsis foveolata* (Mitt.) Broth. ex Par. CAM(47), CAR(47), IVO(1880), LIB(47), NIG(47).

- Neckeropsis hookeriacea* (Dus.) Fleisch. = *N. madecassa* (787).
- Neckeropsis lepineana* (Mont.) Fleisch. CAM(787), COM(40), GAB(47), MAD(40), MAU(105), REU(105), ROD(105), SAF(787), TAN(46), UGA(46), ZAI(65).
- Neckeropsis lepineana* var. *comorae* (C.Müll.) Card. = *N. lepineana* (787).
- Neckeropsis lepineana* var. *pervilleana* (C.Müll.) Card. = *N. lepineana* (787).
- Neckeropsis liliana* (Ren.) Broth. ex Par. CAM(47), CAR(47), GHA(787), IVO(787,1880), ZAI(787).
- Neckeropsis madecassa* (Besch.) Fleisch. CAM(47), GAB(47), MAD(40), REU(785), ZAI(65).
- Neckeropsis pocsii* Enroth & Magill COM(510).
- Neckeropsis spurio-truncata* (Dus.) Fleisch. CAM(47), CON(47), GAB(47), GUI(47), IVO(47), ZAI(1552).
- Neckeropsis spuriotruncata* var. *latifolia* Broth. & P.Varde = *N. madecassa* (787).
- Neckeropsis subtruncata* Fleisch., *nom. nud.* = *N. disticha* (787).
- Neorutenbergia usagarae* (Dix.) Bizot & Pócs TAN(46).
- Ochrobryum dendeliae* Broth. & Par. GUI(47).
- Ochrobryum maclaudii* Card. & Par. GUI(47).
- Ochrobryum normandii* Card. & Par. CAR(47), GUI(47).
- Ochrobryum normandii* var. *fragilifolium* Dix. & Thér. ZAI(65).
- Ochrobryum normandii* var. *glaucescens* Par. GUI(47).
- Ochrobryum obtusissimum* Dix. MAL(67), TAN(46).
- Ochrobryum sakalavum* Card. & Per. MAD(40).
- Octoblepharum africanum* (Broth.) Card. MAD(40).
- Octoblepharum albidum* Hedw. ANG(46), ANN(47), BEN(47), BUR(65), CAM(47), CBS(1531), CAR(47), COM(40), CON(47), GAB(47), GHA(47), GUI(47,1458), IVO(63,1458,1880), LIB(47), MAD(40), MAL(67), MAU(105,1882), MOZ(46), NAT(1531), NIG(47,334), PRI(47), REU(105), ROD(105), SAO(47), SEN(47), SEY(40), SIL(47), SWA(1531), TAN(46), TOG(58,1878), TRV(1531), UGA(46), ZAI(65), ZAM(46,62), ZIM(46,61).
- Octoblepharum albidum* fo. *longifolia* Dix. Excluded.
- Any records for this form have been associated with the owning species.
- Octoblepharum brevisetum* Townsend = *O. albidum* (762).
- Octoblepharum leptodontium* Broth. in Lindau TAN(46).
- Octoblepharum leptoneuron* Card. SEN(47).
- Octodiceras fontanus* Pyl. = *F. fontanus* (Pyl.) Stend. = *F. palmifolius* (85).
- Oedipodiella australis* (Wager & Dix.) Dix. CBS(1531), LES(1531), NAT(1531), TRV(1531).
- Oligotrichum afrolaevigatum* (Dix.) G.L.Smith LES(1531,289), NAT(1531,289).
- Oligotrichum capense* Schelpe & Fanshawe CBS(1531), NAT(1531).
- Oligotrichum cavallii* (Negri) Smith KEN(289), RWA(46,65), TAN(46,289), UGA(46,289), ZAI(65).
- Oligotrichum tetragonum* Schelpe & Fanshawe CBS(1531).
- Oligotrichum wageri* (Broth.) G.L.Smith NAT(1531), OFS(1531,289).
- Oreowisia erosa* (C.Müll.) Kindb. CBS(1531), LES(225,1531), MAD(40), NAT(1531), OFS(1531), TRV(1531), ZAI(65).
- Orthodontium brevifolium* Broth. = *O. loreifolium* (1521).
- Orthodontium gracile* Schwaegr. ex BS&G CAM(47), ETH(50), KEN(411), RWA(65), TAN(46), ZAI(65).
- Orthodontium haplohymenium* Dix. & Nav. = *O. loreifolium* (1521).
- Orthodontium lineare* Schwaegr. CBS(1531), MAL(67), NAT(1531), TAN(146).
- Orthodontium loreifolium* Besch. KEN(46), MAL(67), REU(105), RWA(65), TAN(46), UGA(46), ZAI(65).
- Orthodontium ruwenzorensis* (Thér. & Nav.) O'Shea UGA(46), ZAI(65).
- Orthostichella pandurifolia* (C.Müll.) Buck CBS(1531), KEN(46), MAL(67), NAT(1531), SWA(1531), TAN(46), TRV(1531), ZIM(61).
- Orthostichella pentasticha* (Brid.) Buck CAM(47), FER(47), KEN(46), MAD(40), MAL(67), REU(105), SIL(47), TAN(46), ZAM(62).
- Orthostichella turgidellacea* (C.Müll. ex Dusen) Buck CAM(47).
- Orthostichidium involutifolium* ssp. *involutifolium* (Mitt.) Broth. ANG(46,2), CAM(47,2), CAR(47), FER(47,2), GAB(47), GHA(47,2),

- GUI(47,2), IVO(44), LIB(47,2), MAD(40), NIG(47,334,2), ROD(105), SAO(47), SIL(47,2), ZAI(65).
- Orthostichidium involutifolium* ssp. *thomeanum* (Broth.) Argent CAM(47,2), FER(47,2), PRI(47), REU(105), SAO(47,2).
- Orthostichopsis debilinervis* (Ren. & Card.) Broth. REU(105).
- Orthostichopsis longinervis* (Ren. & Card.) Broth. MAD(40).
- Orthostichopsis madagassa* Dix. MAD(40).
- Orthostichopsis pinnatella* (Broth.) Broth. MAL(67), NAT(1531), TAN(46).
- Orthostichopsis scaberula* (Ren. & Card.) Fleisch. MAD(40).
- Orthostichopsis subimbricata* (Hampe) Broth. CBS(1531), COM(40,2), KEN(46), MAD(40,2), REU(2,105), TAN(46), TRV(1531), UGA(46).
- Orthostichopsis subimbricata* var. *borbonica* (Ren. & Card.) Card. REU(105).
- Orthostichopsis subimbricata* var. *flageyi* (Ren. & Card.) Card. MAD(40).
- Orthostichopsis sublivens* (Besch.) Broth. REU(105).
- Orthotrichum aequatoreum* Mitt. KEN(411), RWA(65), TAN(46), UGA(46).
- Orthotrichum affine* Brid. ETH(347,50), KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).
- Orthotrichum afro-fastigiatum* C.Müll. Excluded. Considered by Lewinsky & van Rooy (1065) to be *nomen dubium*, and replaced by *O. incurvomarginatum*.
- Orthotrichum arborescens* Thér. & Nav. KEN(46,136), RWA(65), ZAI(65).
- Orthotrichum armatum* Lewinsky & Van Rooy CBS(1531,1065).
- Orthotrichum denticulatum* Lewinsky ETH(347,50), RWA(65), TAN(46).
- Orthotrichum diaphanum* Schrad. ex Brid. CBS(1531), ETH(347), KEN(46), NAT(1531), OFS(1531), SOM(50), TRV(1531).
- Orthotrichum firmum* Vent. CBS(1531,1065), ERI(50), ETH(50), KEN(46), NAT(1531,1065), RWA(65), TAN(46), TRV(1531,1065), UGA(46), ZAI(65).
- Orthotrichum incurvomarginatum* Lewinsky & Van Rooy CBS(1531,1065).
- Orthotrichum latifolium* Dix. ex Sappa = *O. denticulatum* (347).
- Orthotrichum leikipiae* C.Müll. = Excluded. See Lewinsky (347).
- Orthotrichum leptocarpum* Bruch & Schimp. ex C.Müll. = *O. affine* (347).
- Orthotrichum mirum* Lewinsky = *Stoneobryum mirum* (1531).
- Orthotrichum mollisimum* C.Müll. = Excluded. See Lewinsky (347).
- Orthotrichum oreophilum* Lewinsky & Van Rooy LES(1531,1065).
- Orthotrichum rupestre* Schleich. ex Schwaegr. CBS(1531), KEN(46), LES(1065,1531), TAN(46), UGA(46).
- Orthotrichum simense* Schimp. ex Par. = *O. firmum* (347).
- Orthotrichum subexsertum* Schimp. ex C.Müll. CBS(1531), KEN(46), NAT(1531), RWA(65).
- Orthotrichum transvaaliense* Rehm. ex Sim NAT(1531), OFS(1531), TRV(1531).
- Orthotrichum undulatifolium* C.Müll. ETH(50), TAN(46), ZAI(65).
- Oxyrrhynchium confervoidum* Sim CBS(1531), NAT(1531).
- Oxyrrhynchium kenya* Dix., *nom. nud.* ETH(50).
- Oxyrrhynchium petronelli* Tosco & Piovano KEN(46).
- Oxyrrhynchium porothamnioides* P.Varde & Levier ZAI(65).
- Oxyrrhynchium ruscifome* Warnst. = *Platyhypnidium riparioides* (1521).
- Oxyrrhynchium subasperum* Sim CBS(1531), NAT(1531), TRV(1531).
- Oxyrrhynchium swartzii* (Turn.) Warnst. CAM(47).
- Oxystegus cylindricus* (Brid.) Hilp. = *Trichostomum tenuirostre* (1420).
- Oxystegus rhodesiae* (Brid.) Hilp. = *Trichostomum rhodesiae* (1420).
- Oxystegus soulae* (C.Müll. in Ren. & Card.) Wijk & Marg. = *Trichostomum soulae* (1420).
- Oxystegus tenuirostris* var. *tenuirostris* (Hook. & Tayl.) AJE Smith = *Trichostomum tenuirostre* (1420).
- Palamocladium nilgheriense* (Mont.) C.Müll. COM(40), MAD(40), REU(105,1626), RWA(65), SOC(40,1626), SOM(1626).
- Palamocladium schoanum* C.Müll., *nom. nud.* ETH(50).
- Palamocladium sericeum* (Jaeg.) C.Müll. CBS(1531), CAP(1296), ETH(50), KEN(46), LES(1531), NAT(1531), RWA(47,65),

- SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(47,65).
- Palamocladium subsericeus* (Broth. & Par.) Broth. DJI(50), ETH(50).
- Papillaria acinacifolia* Besch. MAU(105).
- Papillaria africana* (C.Müll.) Jaeg. ANG(46), CBS(1531), COM(40), KEN(46), MAD(40), MAL(67), MAU(105), NAT(1531), REU(105), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAM(411), ZIM(46,61).
- Papillaria africana* fo. *pinnata* Dix. ex Tosco & Piovano. Excluded. Any records for this form have been associated with the owning species.
- Papillaria africana* var. *flagellacea* Biz. TAN(46).
- Papillaria africana* var. *gracilis* (Ren. & Card.) Wijk & Marg. MAD(40).
- Papillaria bazzacoi* Tosco & Piovano TAN(46).
- Papillaria borchgrevinkii* Kiaer MAD(40), TAN(46).
- Papillaria breviculifolia* C.Müll. TAN(46).
- Papillaria filifunalis* C.Müll. KEN(46), TAN(46).
- Papillaria flaccidula* Card. MAD(40).
- Papillaria perichaetialis* (Hampe) Jaeg. MAD(40).
- Papillaria renauldii* Besch. MAU(105).
- Papillaria serpentina* C.Müll. TAN(46).
- Paraleucobryum longifolium* ssp. *brasiliense* (Broth.) P.Müller & Frahm ZAI(65).
- Pelekium velatum* Mitt. TAN(46).
- Phasconica tisserantii* P.Varde = *Trichostomum unguiculatum* (1420).
- Phascum kilimandscharicum* (C.Müll.) Broth. = *Bryum kilimandscharicum* (C.Müll.) Zander (1420). However, there is already a *Bryum kilimandscharicum* Broth., which is a synonym of *Bryum algovicum* var. *rutheanum* (23). I have thus provisionally excluded this species, recorded for Tanzania by Kis (46).
- Phascum leptophyllum* C.Müll. = *Chenia leptophylla* (1420).
- Phascum peraristatum* C.Müll. CBS(1531), KEN(411).
- Philonotis africana* (C.Müll.) Rehm. ex Par. CBS(1531), MAL(67), NAT(1531), SWA(1531), TRV(1531), ZAM(46,62), ZIM(61).
- Philonotis amblystegioides* Demar. & P.Varde ZAI(65).
- Philonotis androgyna* (Hampe) Jaeg. TAN(46), ZIM(46).
- Philonotis angustiretis* Broth., *nom. nud.* UGA(46).
- Philonotis annobonensis* Broth. in Mildbr. ANN(47).
- Philonotis bescherellei* Thér., *nom. nud.* REU(105).
- Philonotis brevicuspis* Broth. CAM(47), CAR(47), ZAI(65,1552).
- Philonotis brevicuspis* var. *perobtusata* P.Varde CAR(47).
- Philonotis byssiformis* C.Müll. MAD(40).
- Philonotis cernua* (Wils.) Griffin & Buck CAM(47), FER(47).
- Philonotis comosa* (Broth.) Griffin & Buck CBS(1531).
- Philonotis curvula* (C.Müll.) Kindb. KEN(46).
- Philonotis dregeana* (C.Müll.) Jaeg. BOT(1531), CBS(1531), CAR(47), LES(1531), NAM(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZAI(65), ZIM(61).
- Philonotis falcata* (Hook.) Mitt. BOT(1531), CBS(1531), LES(1531), MAL(67), NAM(1531), NAT(1531), OFS(1531), RWA(65), TRV(1531), ZAI(65), ZAM(62), ZIM(61).
- Philonotis flaccidifolia* (Mitt.) Par. ROD(105).
- Philonotis flavinervis* (C.Müll.) Kindb. FER(47).
- Philonotis fontana* (Hedw.) Brid. ETH(50), KEN(46), STH(1296), TAN(46), UGA(46), ZAI(65).
- Philonotis fugacissima* Par. GUI(47).
- Philonotis gemmascens* (C.Müll.) Kindb. TAN(46), ZAI(65).
- Philonotis globosa* (C.Müll.) Griffin & Buck CBS(1531), LES(1531), NAT(1531), OFS(1531), TAN(46), TRV(1531), UGA(46), ZAM(46), ZIM(46,61).
- Philonotis gracilescens* Schimp. MAU(105), REU(105).
- Philonotis hastata* (Duby) Wijk & Marg. ANG(46), BOT(1531), BUF(47), CAM(47), CBS(1531), CAR(47), COM(40), GAB(47), GHA(47), IVO(47), KEN(46), LES(1531), MAD(40), MAL(67), MOZ(357), NAT(1531), NIG(334), OFS(1531), REU(105), RWA(65), SIL(47), SWA(1531), TAN(46), TOG(1878), TRV(1531), UGA(46), ZAI(65,1552), ZIM(46,61).
- Philonotis heleniana* (Mitt.) Herz. = *P. fontana* (1521).
- Philonotis helenica* (Besch.) Par. STH(1296).
- Philonotis heterophylla* Mitt. MAD(40).
- Philonotis incrassata* (C.Müll.) Kindb. ANG(46).
- Philonotis jungeri* Broth. CAM(47), ZAI(65).

- Philonotis laeviuscula* Dix. ZIM(46).  
*Philonotis le-testui* (P.Varde) Griffin & Buck CAR(47).  
*Philonotis marangensis* Broth. KEN(46), TAN(46),ZAI(65).  
*Philonotis marchica* (Hedw.)Brid. SUD(1419).  
*Philonotis mauritiana* Aongstr. MAD(40), MAU(105),REU(105),TAN(46),UGA(46).  
*Philonotis mauritiana* var. *gemmiclada* Broth. ZAI(65).  
*Philonotis mauritiana* var. *stricta* Ren. & Card. MAD(40).  
*Philonotis microthamnia* Broth. CAM(47), CAR(47), CON(47), GAB(47), IVO(1880), KEN(46),UGA(46),ZAI(65).  
*Philonotis mnelabiensis* P.Varde GAB(47), ZAI(65).  
*Philonotis mniobryoides* Broth. CAM(47), CAR(47),GAB(47),IVO(1458),TOG(1878), ZAI(65).  
*Philonotis mniobryoides* var. *angustifolia* Thér. & P.Varde GAB(47),GHA(47),ZAI(65).  
*Philonotis nanothecia* (C.Müll.)Kindb. BEN(47), CAR(47),SAO(47),TOG(1878),ZAI(65).  
*Philonotis nanothecioidea* Par. & Broth. CAR(47), GAB(47),GUI(47).  
*Philonotis obtusata* C.Müll. ex Ren. & Card. KEN(46),TAN(46).  
*Philonotis pechuelii* (C.Müll.)Kindb. CAR(47), ZAI(65).  
*Philonotis penicillata* Wright ASC(1296).  
*Philonotis perconferta* Broth. CAM(47).  
*Philonotis perigonalis* Besch. REU(105).  
*Philonotis perigonalis* fo. *procerior* Besch. Excluded.  
 Any records for this form have been associated with the owning species.  
*Philonotis perpusilla* Card. MAD(40).  
*Philonotis perrieri* Thér. MAD(40).  
*Philonotis plana* Dix. & Herz. UGA(46).  
*Philonotis platyneura* P.Varde TAN(46), UGA(46).  
*Philonotis pungens* (Mitt.) Mitt. ROD(105), SOC(40).  
*Philonotis rigida* Brid. CAP(1296).  
*Philonotis ruwenzorensis* Thér. & Nav. TAN(46), UGA(46),ZAI(65).  
*Philonotis scabrifolia* (Hook.f. & Wils.)Braithw. CBS(1531),LES(1531),NAT(1531).  
*Philonotis schroederi* Broth. TAN(46).  
*Philonotis soulii* Thér. & P.Varde KEN(46).  
*Philonotis sparsifolia* (Hampe)Jaeg. KEN(46), MAD(40).  
*Philonotis speirophylla* Dix. KEN(46).  
*Philonotis spongiosa* (Welw. & Duby) Gepp ANG(46).  
*Philonotis strictula* Card. CAM(47), CAR(47), GAB(47), IVO(1458), SIL(47), UGA(46), ZAI(65).  
*Philonotis submarchica* Besch. REU(105).  
*Philonotis submarchica* var. *plumosa* Ren. & Card. REU(105).  
*Philonotis subolescens* (C.Müll.)Par. ASC(1296).  
*Philonotis subsimplex* Broth. & Par. MAI(47).  
*Philonotis tenuis* Tayl. = *P. fontana* var. *capillaris* (1521).  
*Philonotis tomentella* Mol. KEN(46),RWA(65), TAN(46),ZAI(65).  
*Philonotis trichodonta* (C.Müll.)Kindb. SAO(47).  
*Philonotis tricolor* (C.Müll.)Kindb. TAN(46).  
*Philonotis usambarica* Broth. TAN(46).  
*Philonotis vagans* (Hook.f. & Wils.) Mitt. CBS(1531).  
*Philonotis vanderystii* Card. CAM(47), CAR(47), ZAI(65).  
*Phyllocladon falcifolium* (Schwaegr.) Crosby REU(105).  
*Phyllogonium chevalieri* Corb. = *Calyptothecium planifrons* (1).  
*Phyllogonium fulgens* (Hedw.) Brid. REU(348,105).  
*Phyllogonium viride* Brid. REU(348).  
*Phyllogonium viscosum* (P.Beauv.) Mitt. MAD(40),MAU(105),REU(348,105,1881), SAF(348).  
*Phyllogonium viscosum* fo. *viride* Besch. = *P. viride* (348).  
*Physcomitrella patens* ssp. *magdalenae* (De Sloover) Tan RWA(65).  
*Physcomitrellopsis africana* Wag. & Broth. ex Dix. CBS(1531),NAT(1531),TAN(46).  
*Physcomitrium aubertii* Besch. MAU(105).  
*Physcomitrium bukobense* (Broth.)Fife TAN(46).  
*Physcomitrium coarctatum* Card. MAD(40).  
*Physcomitrium dilatatum* Ren. & Card. MAD(40).  
*Physcomitrium eurystomum* Sendtn. KEN(46), MAL(67),TAN(46),UGA(46).  
*Physcomitrium flexifolium* Mitt. STH(1296).  
*Physcomitrium mirabile* (Broth. & Par.) Zander GUI(47).  
*Physcomitrium niloticum* (Del.)C.Müll. MOZ(46),

- NAT(1531),SUD(1707),ZIM(46,61).  
*Physcomitrium spathulatum* var. *sessile* (Shaw) Magill CBS(1531).  
*Physcomitrium spathulatum* var. *spathulatum* (Hornsch.) C.Müll. CBS(1531), KEN(46), MOZ(46),NAM(1531),NAT(1531),TRV(1531), ZIM(46).  
*Physcomitrium subspathulatum* Thér. & Nav. RWA(65),ZAI(65).  
*Pilopogon africanus* Broth. BUR(65),KEN(411), RWA(65),TAN(46),ZAI(65).  
*Pilopogon africanus* var. *kivuensis* P.Varde & Thér. ZAI(65).  
*Pilotrichella ampullacea* (C.Müll.) Jaeg. COM(40),KEN(46),MAL(46,67),RWA(65), TAN(46),UGA(46),ZAI(65),ZAM(46).  
*Pilotrichella attenuata* Broth. TAN(46).  
*Pilotrichella calomicra* Broth. CAM(47),GUI(47), SAO(47).  
*Pilotrichella capillicaulis* Kindb. KEN(46).  
*Pilotrichella communis* C.Müll. ex Dus. CAM(47), CON(47),FER(47),GAB(47),GHA(47),GUI(47), IVO(47),SAO(47),SIL(47),TOG(1878).  
*Pilotrichella cordata* Broth. in P.Varde, *nom. nud.* KEN(46),TAN(46).  
*Pilotrichella curvifrons* Kindb. KEN(46).  
*Pilotrichella cuspidata* Broth. = *P. panduraefolia* (1519) (= *Orthostichella pandurifolia*).  
*Pilotrichella cuspidata* var. *gracilescens* Tosco & Piovano KEN(46).  
*Pilotrichella cuspidata* var. *gracilescens* Tosco & Piovano. The owning species of this variety has been synonymised with *Orthostichella pandurifolia*. This variety also needs revision.  
*Pilotrichella flexilis* (Hedw.) Jaeg. MAS(40).  
*Pilotrichella gracilicaulis* C.Müll. ex Dus. CAM(47).  
*Pilotrichella grimaldii* Ren. & Card. MAD(40), TAN(46).  
*Pilotrichella guineensis* Aongstr. in C.Müll. GUI(47).  
*Pilotrichella holstii* Broth. MOZ(46),TAN(46).  
*Pilotrichella imbricatula* C.Müll. ETH(50).  
*Pilotrichella incurva* Broth. ANG(46).  
*Pilotrichella inflatifolia* C.Müll. SAO(47).  
*Pilotrichella isleana* Besch. KEN(46),MAD(40), MAL(46,67),REU(105),TAN(46).  
*Pilotrichella isleana* var. *nervosa* (Ren. & Card.) Card. MAD(40).  
*Pilotrichella isleana* var. *virescens* Besch. MAS(40).  
*Pilotrichella latiramea* C.Müll. ex Dus. CAM(47), CAR(47), GAB(47), IVO(1880), KEN(46), TAN(46).  
*Pilotrichella leptoclada* C.Müll. CON(47), SAO(47).  
*Pilotrichella mascarenica* (C.Müll.) Jaeg. MAD(40),REU(105).  
*Pilotrichella moenkemeyeri* (C.Müll.) Kindb. NIG(47).  
*Pilotrichella muelleri* Dus. CAM(47).  
*Pilotrichella panduraefolia* (C.Müll.) Jaeg. = *Orthostichella pandurifolia* (1714).  
*Pilotrichella pentasticha* (Brid.) Wijk & Marg. = *Orthostichella pentasticha* (1714).  
*Pilotrichella percordata* Broth. in P.Varde, *nom. nud.* KEN(46),TAN(46).  
*Pilotrichella perrobusta* P.Varde MAD(40), TAN(46).  
*Pilotrichella phleoides* (Brid.) Jaeg. REU(105).  
*Pilotrichella profusicaulis* Par. KEN(46), TAN(46),ZAI(65).  
*Pilotrichella pseudo-imbricata* (C.Müll.) Jaeg. COM(40),MAD(40).  
*Pilotrichella pseudo-imbricata* var. *pallescens* (C.Müll.) Par. COM(40).  
*Pilotrichella pseudo-imbricata* var. *rufescens* (C.Müll.) Par. COM(40).  
*Pilotrichella pseudoimbricata* Jaeg. MAL(67).  
*Pilotrichella ragazzii* Brizi ETH(50).  
*Pilotrichella sericea* Kindb. KEN(46),TAN(46).  
*Pilotrichella sordido-viridis* C.Müll. ex Dus. CAM(47), CAR(47), CON(47), GAB(47), GHA(47),IVO(1458,1880),LIB(47),NIG(47).  
*Pilotrichella stuhlmannii* Broth. KEN(46), TAN(46).  
*Pilotrichella subpanduraefolia* Kindb. CAM(47).  
*Pilotrichella tenellula* Par. TAN(46).  
*Pilotrichella turgidellacea* C.Müll. ex Dus. = *Orthostichella turgidellacea* (1714).  
*Pilotrichella welwitschii* (Duby) Gepp ANG(46).  
*Pilotrimum denticulatum* P.Beauv. REU(105).  
*Pinnatella africana* (Welw. & Duby). Broth. = *P. minuta* (1830).  
*Pinnatella allamanoi* Tosco & Piovano = *Porotrimum molliculum* (1300).  
*Pinnatella braunii* (Broth.). Fleisch. = *Homaliodendron piniforme* (1300).  
*Pinnatella chalaropteris* (Dus.). Broth. = *Homaliodendron piniforme* (1300).

- Pinnatella dupuisii* (Ren. & Card.). Broth. = *P. minuta* (1830).
- Pinnatella engleri* (Broth.). Fleisch. = *P. minuta* (1830).
- Pinnatella flagellacea* (Mitt.). Broth. ex Par. = *Homaliodendron piniforme* (1300)
- Pinnatella fuciformis* (Brid.) Touw ("fuciforme") = *Leptodon fuciformis* (301).
- Pinnatella geheebii* (C.Müll.). Fleisch. = *P. minuta* (1830).
- Pinnatella le-testui* Thér. & P.Varde = *P. minuta* (1830).
- Pinnatella mariei* (Besch.) Broth. = *Caduciella mariei* (780).
- Pinnatella mayumbensis* (Besch.). Fleisch. = *Homaliodendron piniforme* (1300).
- Pinnatella minuta* (Mitt.) Broth. ANG(46), CAM(47), CAR(47), COM(40), CON(47), EGU(1830), GAB(47), GUI(47), IVO(44,1880), KEN(46), MAD(40), MAU(1830), NAT(1531), PRI(1830), REU(1830), SAO(47), TAN(46), UGA(46), ZAI(65).
- Pinnatella mucronata* (Bosch & Sande Lac.) Fleisch. SEY(1830).
- Pinnatella oblongifrondea* (Broth.). Broth. = *P. minuta* (1830).
- Pinnatella pechuelii* (C.Müll.). Broth. = *P. minuta* (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.) Card. 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) amongst various neotropical records.
- Plagiobryum laxum* Demar. & P.Varde ZAI(65).
- Plagiobryum piliferum* P.Varde TAN(46).
- Plagiobryum zierii* (Hedw.) Lindb. LES(1531), NAT(1531).
- Plagiomnium cuspidatum* (Hedw.) Kop. KEN(411), UGA(46,1036).
- Plagiomnium rhynchophorum* (Hook.) T.Kop. CAM(47), ETH(50,1036), FER(47), KEN(46), MAD(40), MAL(67), REU(105), RWA(65), SAO(47), TAN(46), UGA(46), ZAI(65), ZAM(62), ZIM(46,61).
- Plagiomnium rhynchophorum* var. *reidii* (Dix.) T.Kop. CBS(1036,1531), KEN(46,1036), LES(1036,1531), NAT(1036,1531), OFS(1531), RWA(65,1036), TAN(46,1036), TRV(1036,1531), ZAI(65).
- Plagiomnium rostratum* (Schrad.) Kop. *auct. afr.* = *P. rhynchophorum* (1036).
- Plagiomnium undulatum* (Hedw.) Kop. ETH(1336).
- Plagiopus oederi* (Brid.) Limpr. LES(1074,1531), NAT(1531).
- Plagiothecium capense* Schimp. ex Jaeg. ETH(50).
- Plagiothecium corticola* Aongstr. = *Sematophyllum corticolum* (See "New Combinations").
- Plagiothecium denticulatum* var. *denticulatum* BS&G MAS(40).
- Plagiothecium membranosulum* C.Müll. CBS(1531), NAT(1531), TRV(1531).
- Plagiothecium mildbraedii* Broth. RWA(46,65), TAN(46), UGA(46), ZAI(65).
- Plagiothecium nitens* Dix. KEN(46), RWA(65), TAN(46), ZAI(65).
- Plagiothecium nitidifolium* (Mitt.) Jaeg. FER(47), RWA(65), TAN(46).
- Plagiothecium rhynchostegioides* C.Müll. CBS(1531), NAT(1531), TRV(1531), ZIM(46).
- Platyhypnidium afro-rusciforme* (Broth.) Fleisch. CAM(47).
- Platyhypnidium hedbergii* (P.Varde) Ochyra & Sharp KEN(46), TAN(46), ZAI(65).
- Platyhypnidium macowanianum* (Par.) Fleisch. TRV(1531), ZIM(46).
- Platyhypnidium riparioides* (Hedw.) Fleisch. KEN(46), RWA(65), TAN(46).
- Pleuridium acuminatum* Lindb. MAL(67).
- Pleuridium ecklonii* (C.Müll.) Snider CBS(1531), NAT(1531).
- Pleuridium nervosum* (Hook.) Mitt. CBS(1531), LES(1531), MAD(40), NAT(1531), OFS(1531).
- Pleuridium papillosum* Magill CBS(1531).
- Pleuridium pappeanum* (C.Müll.) Jaeg. CBS(1531), LES(1531), ZIM(61).
- Pleurochaete beccarii* Vent. ERI(50), SOM(50), ZAI(65).
- Pleurochaete beccarii* Vent. Zander (1420) reports that African material identified as this taxon at BM and NY is *P. squarrosa* var. *squarrosa*, and that type material of *P. beccarii* at TR could not be obtained on loan, but is probably synonymous.
- Pleurochaete malacophylla* (C.Müll.) Broth.

- ERI(50).  
*Pleurochaete malacophylla* (C.Müll.) Broth. Zander (1420) states that this taxon is "doubtfully distinct from *P. squarrosa* var. *squarrosa*".
- Pleurochaete squarrosa* (Brid.) Lindb. CAP(1296), DJI(1569), ETH(50), KEN(46), SOC(349), TAN(46).  
*Pleuropus bonplandii* Hook. = *Palamocladium leskeoides* (1521).  
*Pleuropus sericeus* (C.Müll.) Broth. = *Palamocladium sericeum* (1521).
- Pocsiella hydrogonioides* Biz. TAN(46).  
*Pogonatum aloides* (Hedw.) P.Beauv. Excluded. All African material examined by Hyvönen had been misidentified (56).
- Pogonatum belangeri* (C.Müll.) Jaeg. BUR(56,65), CAM(56), KEN(56), MAD(56), MAL(67), MAU(56), REU(56), RWA(56,65), SAF(56), TAN(56), UGA(56), ZAI(56,65), ZIM(61).  
*Pogonatum borgenii* (Hampe) Jaeg. = *P. capense* (56).  
*Pogonatum brachythecium* Besch. = *P. belangeri* (56).  
*Pogonatum brachythecium* var. *hildebrandtii* Thér. = *P. belangeri* (56).  
*Pogonatum brachythecium* var. *madagassum* Card. = *P. belangeri* (56).
- Pogonatum capense* (Hampe) Jaeg. ANG(56,289), CBS(1531), MAD(56,40,289), MAU(289), NAT(1531,289), SWA(56,1531), TRV(1531,289), ZIM(61,289).
- Pogonatum congolense* Card. CAM(56,289,47), GAB(56), ZAI(56,65,289).
- Pogonatum convolutum* (Hedw.) P.Beauv. MAD(56,40,289), MAU(56,289), REU(56,289).  
*Pogonatum convolutum* var. *madagassum* Card. = *P. convolutum* (56).  
*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 *P. cirratum* var. *macrophyllum* (Dozy & Molk.) Hyvönen.
- Pogonatum gracilifolium* Besch. ANG(289), BUR(65), CAM(56,289), COM(40), ETH(56,289), FER(289), KEN(56,289), LIB(289), MAD(40), MAL(56,67,289), MAU(289), REU(56), RWA(56,65,289), SAO(56,289), TAN(56,289), TRV(289), UGA(56,289), ZAI(56,65,289).  
*Pogonatum macei* Thér. = *P. perichaetiale* subsp.
- oligodus* (56).  
*Pogonatum marginatum* Mitt. MAU(289).  
*Pogonatum marginatum* Mitt. 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 *P. proliferum* (Griff.) Mitt.  
*Pogonatum molleri* (C.Müll.) Par. = *P. gracilifolium* Besch (56).  
*Pogonatum oligodus* (C.Müll.) Mitt. = *P. perichaetiale* ssp. *oligodus* (56).  
*Pogonatum perichaetiale* ssp. *oligodus* (C.Müll.) Hyvönen BUR(56,65,289), CAM(56,289), COM(56,40), ETH(56,50,289), KEN(56,289), LES(56,1531,289), NAT(1531,289), OFS(1531), REU(56,289), RWA(56,65,289), TAN(56,289), TRV(1531,289), UGA(56,289).  
*Pogonatum proliferum* (Griff.) Mitt. REU(758,105), RWA(56,65,289), UGA(56,289).  
*Pogonatum rubenti-viride* (C.Müll.) Par. = *P. gracilifolium* Besch (56).  
*Pogonatum rutenbergii* (Geh.) Par. = *P. convolutum* (56).  
*Pogonatum semilamellatum* (Leroy) = *P. congolense* Card (56).  
*Pogonatum simense* (Bruch & Schimp. ex C.Müll.) Jaeg. = *P. perichaetiale* ssp. *oligodus* (56).  
*Pogonatum theriotii* Demar. & Leroy = *P. belangeri* (56).  
*Pogonatum ugandae* P.Varde = *P. proliferum* (56).  
*Pogonatum urnigerum* (Hedw.) P.Beauv. CAM(56,289,47), KEN(289,46), RWA(56,65,289,46), TAN(56,289,46), UGA(56,46), ZAI(56,65,289).  
*Pogonatum usambaricum* (Broth.) Par. KEN(56), REU(56), RWA(56), SAF(56), SAO(56), TAN(56), ZAI(56).  
*Pogonatum waterlotii* Thér. = *P. belangeri* (56).  
*Pohlia afro-cruda* (C.Müll.) Broth. KEN(46), TAN(46), UGA(46), ZAI(65).  
*Pohlia aloysii-sabaudiae* Negri UGA(46).  
*Pohliabaronii* Wijk & Marg. KEN(46), LES(1531), MAD(40), MAL(67), NAT(1531), TRV(1531), UGA(46), ZAI(65).  
*Pohlia bequaertii* (Dix. & Nav.) Shaw UGA(46), ZAI(65).  
*Pohlia chrysoblata* (Thér. & Nav.) Demar. RWA(65), TAN(46), UGA(46), ZAI(65).  
*Pohlia cratericola* Broth. CAM(47), TAN(46),



- ZAI(65).  
*Pohlia cruda* (Hedw.) Lindb. LES(1531), NAT(1531).  
*Pohlia elongata* var. *elongata* Hedw. CBS(1531), KEN(46), LES(1531), MAD(40), MAL(67), NAT(1531), OFS(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(61).  
*Pohlia grammophylla* (Besch.) Broth. COM(40).  
*Pohlia gromieri* (Thér.) Kis KEN(46).  
*Pohlia heribaudii* var. *madagassa* (Ren. & Card.) Wijk & Marg. MAD(40).  
*Pohlia kenyae* (Dix.) Kis KEN(46).  
*Pohlia lacouturei* (Thér.) O'Shea MAD(40).  
*Pohlia longicollis* (Hedw.) Lindb. KEN(46), TAN(46).  
*Pohlia longicollis* var. *alpina* (Hoppe & Hornsch.) Will. TAN(46).  
*Pohlia mielichhoferiacea* (C.Müll.) Broth. KEN(146), RWA(65), TAN(46), ZAM(62).  
*Pohlia nutans* (Hedw.) Lindb. CBS(1531), TAN(46), ZIM(61).  
*Pohlia philonotula* (C.Müll.) Broth. KEN(46), TAN(46), ZAM(62).  
*Pohlia* sp. ETH(50)  
*Webera cavifolia* Bruch. & Schimp (*in sched.*) ex Par., *nom. nud.* This taxon cannot be usefully transferred to its correct genus (*Pohlia*) without its status being investigated. Paris mentions a specific collection of Schimper [59], which it was not possible to locate at BM. If it is likely that a specimen exists, this taxon should remain here until described or synonymised.
- Pohlia* sp. ETH(50)  
*Webera philibertii* Par., *nom. nud.* This taxon is listed by Paris, but a specific collection is not mentioned. Until its status is confirmed, this taxon cannot be transferred to *Pohlia*, or synonymised with another taxon. If a specimen is not found, it should be excluded.
- Polytrichastrum alpinum* (Hedw.) Smith ZAI(65).  
*Polytrichastrum formosum* (Hedw.) G.L. Smith CBS(1531), LES(1635), MAD(40), MAU(289), TRV(289).  
*Polytrichum appressum* Brid. = *P. subpilosum* (289).  
*Polytrichum commune* var. *commune* Hedw. ANG(46,289), BUR(65,289), CAM(47,289), CBS(1531,289), COM(40), ETH(50), FER(47), KEN(46), LES(1531), MAD(40,289), MAL(67), MAU(289), MOZ(46,289), NAT(1531), NIG(47), OFS(1531,289), REU(289), RWA(65,289), SIL(47), SWA(1531), TAN(46,289), TRV(1531,289), UGA(46), ZAI(65,289), ZAM(289), ZIM(46).  
*Polytrichum commune* var. *humile* Sw. ZAI(65).  
*Polytrichum commune* var. *perigoniale* (Michx.) Hampe ANG(46).  
*Polytrichum commune* var. *trichodes* (C.Müll.) Dix. ZIM(46).  
*Polytrichum cupreum* Negri UGA(46).  
*Polytrichum elegans* Welw. & Duby ANG(46).  
*Polytrichum glabrum* Schrad. MAD(40), MAS(40).  
*Polytrichum integrum* C.Müll. = *P. juniperinum* (1521).  
*Polytrichum juniperellum* Geh. MAD(40).  
*Polytrichum juniperinum* Hedw. CAM(47), CBS(1531,289), LES(1531), OFS(1531), STH(1296).  
*Polytrichum keniae* Dix. = *Pogonatum urnigerum* (289).  
*Polytrichum madagassum* (Hampe) Jaeg. = *P. commune* (289).  
*Polytrichum piliferum* Hedw. CBS(1531,289), COM(289), KEN(46,289), LES(1531,289), MAL(67,289), RWA(46,65,289), TAN(46,289), UGA(46,289), ZAI(65,289), ZAM(46), ZIM(61).  
*Polytrichum piliferum* var. *australe* Ren. & Card. COM(40).  
*Polytrichum preussii* Broth. = *P. subpilosum* (289).  
*Polytrichum pungens* C.Müll. = *P. subpilosum* (289).  
*Polytrichum robustum* Card., *hom. illeg.* = *P. subpilosum* (289).  
*Polytrichum subappressum* Besch. = *P. subpilosum* (289).  
*Polytrichum subattenuatum* Thér. = *Polytrichastrum formosum* (289).  
*Polytrichum subformosum* Besch. = *P. subpilosum* (289).  
*Polytrichum subformosum* var. *anomalum* Thér. = *P. commune* (289).  
*Polytrichum subformosum* var. *parvisetum* (C.Müll.) Card. MAD(40).  
*Polytrichum subformosum* var. *parvisetum* (C.Müll.) Card. 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.) Card. in Grand. = *P. subpilosum* (289).  
*Polytrichum subpilosum* P.Beauv. BUR(65),

- CAM(47), CBS(1531), COM(40), KEN(46), MAD(40), MAL(67), MAU(105), REU(105), RWA(65), SEY(40), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(62), ZIM(61).
- Polytrichum trichobasis* C.Müll., *nom. nud.* MAD(40).
- Polytrichum tristanii* Duby = *P. juniperinum* (1521).
- Porothamnium comorense* (C.Müll.) Sim. = *Porotrichum elongatum* (15).
- Porothamnium comorense* var. *planissimum* (Dus.) Wijk & Marg. = *P. stipitatum* (15).
- Porothamnium comorense* var. *scioanum* (Tong.) Cuf. = *P. stipitatum* (15).
- Porothamnium leptopteris* (Dusen.) Fleisch. = *P. stipitatum* (15).
- Porothamnium minutum* (Broth. & Par.) Broth. = *Porotrichum caudatum* (15).
- Porothamnium molliculum* (Broth.) Fleisch. = *Porotrichum molliculum* (15).
- Porothamnium pennaefrondeum* (C.Müll.) Card. = *Porotrichum madagassum* (15).
- Porothamnium punctulatum* C.Müll. ex Dus. = *Porotrichum caudatum* (15).
- Porothamnium stipitatum* (Mitt.) Touw ex De Sloover ANG(46,15), BUR(15,65), CAM(15), CBS(1531), COM(15), CON(15), ETH(15), FER(47,15), GAB(15), GHA(15), GUI(15), IVO(44), KEN(46,15), MAD(15), MAL(15,67), MAU(105), MOZ(357), NAT(1531), REU(15,105), RWA(15,65), SAO(15), SWA(1531), TAN(46,15), TRV(1531), UGA(46,15), ZAI(15,65), ZAM(46,62,15), ZIM(46,15).
- Porothamnium variifolioides* De Sloover FER(15), KEN(411), MAD(15), NIG(1492), REU(15), RWA(65,15), TAN(46,15), ZAI(65,15).
- Porothamnium viguieri* Thér. = *P. molliculum* (15).
- Porothamnium viguieri* var. *laxirete* Demar. & Leroy = *Porotrichum molliculum* (15).
- Porotrichum annobonense* Broth. in Mildbr., *nom. nud.* ANN(47).
- Porotrichum cameruniae* Dix. = *P. quintasii* (15).
- Porotrichum caudatum* Broth. CAM(47,15), CAR(15), ETH(15), GAB(15), GHA(15), GUI(15,1458), IVO(411,1880), NIG(15), SAO(47,15), SEN(15), TAN(46,15), TOG(58,15,1878), ZAI(65,15).
- Porotrichum dentatum* Gepp MAL(1849).
- Porotrichum elongatum* (Welw. & Duby) Gepp ANG(46,15), ANN(15), BUR(65,15), CAB(46,15), CAM(15), CAR(15), COM(15), CON(15), ETH(15), FER(15), GAB(15), GUI(15), IVO(15,1880), KEN(46,15), LIB(15), MAD(15), MAL(46,67), MAU(15), NAT(1531), NIG(15), REU(15), RWA(65), SAO(15), SEY(15), TAN(46,15), TOG(1878), TRV(1531), UGA(46,15), ZAI(65,15), ZIM(46,61).
- Porotrichum jollyi* Broth. & Par. = *P. elongatum* (15).
- Porotrichum jollyi* var. *elongatum* P.Varde = *P. elongatum* (15).
- Porotrichum laurentii* Ren. & Card. = *P. elongatum* (15).
- Porotrichum longirostre* (Hook.) Mitt. CAM(47).
- Porotrichum madagassum* Kiaer ex Besch. CAM(15), CBS(1531), COM(15), ETH(15), KEN(46,15), LES(15), MAD(15), MAL(15,67), MAU(15), MOZ(46,15), NAT(1531), OFS(1531), REU(15), RWA(65,15), TAN(46,15), TRV(1531), UGA(46,15), ZAI(65,15), ZIM(46,15).
- Porotrichum molliculum* Broth. ANG(46,15), BUR(15,65), CAB(46), CAM(15), CBS(1531), COM(15), GAB(15), KEN(46,15), MAD(15), MAL(46,67), MAU(15), NAT(1531), REU(15), RWA(15,65), TAN(46,15), TRV(1531), UGA(46,15), ZAI(15,65), ZIM(61).
- Porotrichum pennaefrondeum* C.Müll. = *P. madagassum* (15).
- Porotrichum pobeguinii* (Par. & Broth.) Par. = *P. elongatum* (15).
- Porotrichum punctulatum* C.Müll. ex Dus. = *P. caudatum* (15).
- Porotrichum quintasii* Broth. CAM(15), CAR(15), CON(15), GAB(15), GUI(15), LIB(15), SAO(47).
- Porotrichum usagarum* Mitt. TAN(785,46).
- Potamium sanctae-mariae* (Besch.) Broth. MAD(40).
- Pottia elatior* (C.Müll.) C.Müll. = *P. pusilla* var. *elatior* (1521) (= *Tortula minor* var. *elatior*).
- Pottia macowanianum* C.Müll. = *Microbryum davalianum* var. *conicum* (1420).
- Pottia minor* (C.Müll.) Cuf. = *Tortula minor* (1420).
- Pottia mirabilis* Broth. & Par. = *Physcomitrium mirabile* (1420).
- Pottia namaquensis* Magill CBS(1531).
- Pottia pusilla* var. *elatior* (C.Müll.) Warnst. = *Tortula minor* var. *elatior* (1420).
- Pottia pusilla* var. *pusilla* Warnst., *hom. illeg.* =

- Tortula minor* (1420).
- Pottia splachnoides* (Hornsch.) Broth. = *Chenia leptophylla* (1420).
- Pottia stenocarpa* P.Varde CAR(47), NIG(334).
- Pottia subplanomarginata* Dix. = *Microbryum subplanomarginatum* (1420).
- Prionodon balboi* Tosco & Piovano KEN(46).
- Prionodon ciliatus* Besch. COM(40), KEN(46), MAD(40), MAU(105), REU(105), RWA(65), TAN(46), UGA(46).
- Prionodon densus* (Hedw.) C.Müll. CBS(1531), NAT(1531), TRV(1531).
- Prionodon rehmannii* Mitt. MAU(105).
- Prionodon rehmannii* Mitt. This taxon is given as a synonym of *P. ciliatus* by Kis (46), and of *P. densus* by Perold & van Rooy (1531). I have left the taxon as it is until its correct position is determined.
- Pseudephemerum laxifolium* (Ren. & Card.) Thér. ZAI(65).
- Pseudephemerum nitidum* (Hedw.) Reim. KEN(46), MAD(40), RWA(65), TAN(46), ZAI(65).
- Pseudocrossidium crinitum* (Schultz) Zander CBS(1531), ETH(50), LES(1531), MOZ(46), NAM(1531), NAT(1531), OFS(1531), TRV(1531), ZIM(46,61).
- Pseudocrossidium hornschuchianum* (Schultz) Zander CBS(1531), ETH(50).
- Pseudocrossidium porphyreoneurum* (C.Müll.) Zander BOT(1531), CBS(1531), DJI(1569), ERI(50), KEN(411), MAL(67,411), MOZ(357), NAM(1531), TAN(46), TRV(1531), UGA(46), ZAM(62), ZIM(46,61).
- Pseudocrossidium replicatum* (Tayl.) Zander BOT(1531), CBS(1531), LES(1531), NAM(1531), OFS(1531), SOM(50), SUD(1419), TRV(1531).
- Pseudoleskea carbonarii* Broth. ex Mich. ERI(50).
- Pseudoleskea chilensis* (Lor.) Ochyra CBS(1531).
- Pseudoleskea claviramea* (C.Müll.) Jaeg. = *Pseudoleskeopsis claviramea* (717).
- Pseudoleskea dispersa* C.Müll. ex Broth = *Hylcomiopsis cylindricarpa* (46).
- Pseudoleskea falcifolia* Dix. & Thér. UGA(46), ZAI(65).
- Pseudoleskea leikipiae* (C.Müll.) Par. KEN(46).
- Pseudoleskea leskeoides* (Par.) C.Müll. CBS(1531), LES(1531), NAT(1531), TRV(1531), ZIM(46).
- Pseudoleskea leskeoides* var. *macowanianum* Thér. TAN(46).
- Pseudoleskea obtusiuscula* Ren. & Card. MAD(40).
- Pseudoleskea penzigii* Brizi ERI(50).
- Pseudoleskea plagiostoma* C.Müll. ex Vent. ERI(50).
- Pseudoleskea plagiostoma* var. *attenuata* C.Müll. ex Vent. ERI(50).
- Pseudoleskea pseudoattenuata* (C.Müll.) Broth. CBS(1531), ERI(50), ETH(50), KEN(46), LES(1531), NAT(1531), TAN(46), TRV(1531), UGA(46).
- Pseudoleskea semensis* C.Müll. ex Vent. ETH(50).
- Pseudoleskeopsis claviramea* (C.Müll.) Thér. CBS(1531), DJI(1569), LES(1531), MOZ(46), NAT(1531), OFS(1531), RWA(65), TAN(46), TRV(1531), UGA(46), ZIM(46).
- Pseudoleskeopsis leikipiae* (C.Müll.) Thér. ERI(50).
- Pseudoleskeopsis pseudoattenuata* (C.Müll.) Thér. = *Pseudoleskea pseudoattenuata* (46).
- Pseudoleskeopsis unilateralis* Dix. CBS(1531).
- Pseudopohlia microstoma* (Harv.) U.Miz. MAD(40), REU(105).
- Pseudoscleropodium purum* (Hedw.) Fleisch. REU(105), STH(1296).
- Pseudosymblepharis* Broth. It is likely that there is only one pantropical species present in this genus (1158).
- Pseudosymblepharis angustata* (Mitt.) Hilp. SOC(40,1626).
- Pseudosymblepharis bescherellei* Thér. = *Oxystegus cylindricus* (Brid.) Hilp (46) (= *Trichostomum tenuirostre*).
- Pseudosymblepharis circinnatula* (Broth. in Voeltzk.) Zander COM(40), MAU(105), REU(105).
- Pseudosymblepharis socotrana* (Mitt.) Thér. = *Weissia artocosana* (1420).
- Pseudosymblepharis syrrhopodontooides* (Dix.) Zander KEN(46).
- Pseudotimmiella pocsii* Biz. = *Diphyscium pocsii* (1420).
- Psilopilum breviamellatum* Thér. = *Pogonatum congolense* (289).
- Pterobryon flagelliferum* Mitt. TAN(46).
- Pterobryon julaceum* Broth. TAN(46).
- Pterobryon stipitatum* (Mitt.) Touw ex De Sloover. Orthographic error in (65) for *Porothamnium stipitatum*.

- Pterobryopsis longissima* Dix. MAD(40).  
*Pterobryopsis rehmannii* Magill NAT(1531).  
*Pterogonium gracile* (Hedw.) Sm. CBS(1531), DJI(50), ETH(50), KEN(46), MAD(40), NAT(1531), REU(105), RWA(65), TAN(46), TRV(1531), UGA(46), ZAI(65).  
*Pterogonium gracile* var. *kilimandscharicum* (C.Müll.) Fleisch. TAN(46).  
*Pterogonium gracile* var. *madagassum* (Geh.) Fleisch COM(40), MAD(40), REU(105).  
*Pterygoneurum macleeanum* Warnst. CBS(1531).  
*Ptychomitriopsis africana* Dix. NAT(1531), TRV(1531).  
*Ptychomitrium crassinervium* (C.Müll.) Schimp. ex Par. CBS(1531), ZAM(62), ZIM(46).  
*Ptychomitrium crispatum* (Hedw.) Jaeg. CBS(1531), LES(1531), MAD(40), NAT(1531), OFS(1531), SWA(1531), TAN(1406), TRV(1531), ZIM(46,61).  
*Ptychomitrium cucullatifolium* (C.Müll.) Jaeg. CBS(1531), LES(1531), NAT(1531), OFS(1531), TRV(1531), ZIM(46).  
*Ptychomitrium depressum* (C.Müll.) Par. CBS(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531).  
*Ptychomitrium diexaratum* Magill ex Magill & Schelpe LES(1531), NAT(1531).  
*Ptychomitrium drouhardii* Thér. MAD(40).  
*Ptychomitrium eurybasis* Dix. CBS(1531), MAL(67), SWA(1531), TRV(1531), ZIM(46,61).  
*Ptychomitrium exaratifolium* Robinson NAT(1531), SWA(1531), TRV(1531).  
*Ptychomitrium helenicum* (Mitt.) Par. STH(1296).  
*Ptychomitrium marginatum* (Wager & Dix.) Dix. = *P. subcrispatum* (1519).  
*Ptychomitrium subcrispatum* Thér. & P.Varde CBS(1531), LES(1531), MAS(40), MOZ(357), NAM(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZIM(46,61).  
*Ptychomnion aciculare* (Brid.) Mitt. MAU(105).  
*Pylaisiella frahmii* Buck RWA(65).  
*Pylaisiobryum abyssinicum* (C.Müll.) Wijk & Marg. CAM(47), ETH(50), GAB(47), KEN(46).  
*Pyrrhobryum mauritanum* (Besch.) Manuel MAU(105), REU(105).  
*Pyrrhobryum spiniforme* (Hedw.) Mitt. CBS(1531), COM(40), FER(47), GAB(47), KEN(46), MAD(40), MAL(67), MAU(105), MOZ(46), NAT(1531), REU(105), RWA(65), SAO(47), SEY(40), TAN(46), TRV(1531), ZAI(65), ZIM(46).  
*Pyrrhobryum spiniforme* var. *acunhense* (Besch.) Manuel MAU(105).  
*Pyrrhobryum spiniforme* var. *brevifolium* (Besch.) Manuel REU(105).  
*Pyrrhobryum spiniforme* var. *comorense* (C.Müll.) Manuel COM(40).  
*Pyrrhobryum vallis-gratiae* (Hampe) Manuel CBS(1531).  
*Quathlamba debilicostata* Magill LES(1531), NAT(1531).  
*Racomitrium alare* (Broth.) Par. = *Racomitrium subsecundum* (1124).  
*Racomitrium crispipilum* (Tayl.) Jaeg. RWA(65).  
*Racomitrium crispulum* (Hook.f. & Wils.) Hook.f. & Wils. CBS(1531), NAT(1531), ZIM(61).  
*Racomitrium crispulum* var. *tasmanicum* (Hampe) Lawton = *R. membranaceum* (1915).  
*Racomitrium durum* (Broth.) Par. = *Racomitrium subsecundum* (1124).  
*Racomitrium hypnoides* L. = *R. lanuginosum* (1521).  
*Racomitrium lamprocarpum* (C.Müll.) Jaeg. CBS(1531), KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Racomitrium lanuginosum* (Hedw.) Brid. CBS(1531, 1882), MAU(105), REU(105), STH(1296), ZAI(65).  
*Racomitrium lanuginosum* var. *squalidum* (Brid.) Brid. = *R. lanuginosum* (1914).  
*Racomitrium lepervanchei* Besch. REU(287).  
*Racomitrium nigroviride* (Broth.) Par. = *Racomitrium lamprocarpum* (1124).  
*Racomitrium membranaceum* (Mitt.) Par. MAD(40), REU(105), SEY(40).  
*Racomitrium seychellarum* Besch. = *R. membranaceum* (1915).  
*Racomitrium subsecundum* (Hook. & Grev.) Mitt. & Wi. CAM(47), KEN(46), REU(105), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Racopilum africanum* Mitt. ANG(46), CAM(47), CAR(47), COM(40), CON(47), DJI(50), ERI(50), ETH(50), GAB(47), GUI(47), IVO(1880), KEN(46), MAD(40), MAU(105), REU(105), ROD(105), SIL(47), TAN(46), TOG(58), UGA(46), ZAI(65).  
*Racopilum africanum* Mitt. According to van Zanten (pers. comm.), all described African species of *Racopilum* may belong to this species.  
*Racopilum angusti-stipulaceum* C.Müll. COM(40).

- Racopilum ayresii* Mitt. REU(105).  
*Racopilum brevipes* C.Müll ex Broth. CAM(47), GUI(47), IVO(63), TOG(58).  
*Racopilum buettneri* Broth. CAR(47), GAB(47), GUI(47,1458), IVO(1458), SIL(47), TOG(58), ZAI(65).  
*Racopilum buettneri* fo. *brevirostre* Thér. & P.Varde.  
 Excluded. Any records for this form have been associated with the owning species.  
*Racopilum capense* C.Müll. ex Broth. BUR(65), CAM(47), CBS(1531), CAR(47), GAB(47), GHA(47), IVO(44), KEN(46), MAL(67), NAT(1531), REU(105), RWA(65), SIL(47), SWA(1531), TAN(46), TOG(58,1878), TRV(1531), UGA(46), ZAI(65), ZAM(46,62), ZIM(46,61).  
*Racopilum capense* var. *subintegrifolium* Thér. & P.Varde CAR(47).  
*Racopilum cardotii* Ren. MAD(40).  
*Racopilum chevalieri* Thér. CAR(47), GUI(47), TOG(1878).  
*Racopilum crassicuspdatum* Thér. & Corb. CAR(47), GAB(47).  
*Racopilum ellipticum* Ren. MAD(40).  
*Racopilum gracile* Mitt. ASC(1296).  
*Racopilum leptotapes* C.Müll. ex Card. CAR(47), IVO(47), ZAI(65).  
*Racopilum longe-aristatum* C.Müll. ex Vent = *Racopilum africanum* (1521).  
*Racopilum macrocarpum* Broth. BUR(65), TAN(46), UGA(46), ZAI(65).  
*Racopilum madagassum* Ren. MAD(40), ZAI(65).  
*Racopilum madagassum* var. *grandistipulaceum* Thér. & Ren. MAD(40).  
*Racopilum marginatum* Dix. CAR(47), GAB(47), GUI(47), LIB(47), MAD(40), UGA(46), ZAI(65).  
*Racopilum mauritanum* C.Müll. ex Besch. ETH(50), MAD(40), MAU(105), REU(105).  
*Racopilum microdictyon* Besch. COM(40), MAD(40).  
*Racopilum naumannii* C.Müll. ASC(1296).  
*Racopilum orthocarpioides* Broth. CAM(47), CAR(47), CON(47), GAB(47), GHA(47), GUI(47), IVO(44,1880), LIB(47), NIG(334), SAO(47), SIL(47), TOG(1878), ZAI(65).  
*Racopilum penzigii* C.Müll. ERI(50).  
*Racopilum perrieri* Thér. MAD(40).  
*Racopilum plicatum* Ren. & Card. COM(40), KEN(46), MAD(40), TAN(46).  
*Racopilum schmidii* C.Müll. REU(105).  
*Racopilum speluncae* C.Müll. ERI(50), ETH(50), KEN(46), TAN(46), UGA(46), ZAI(65).  
*Racopilum speluncae* var. *grandistipulaceum* Dix. ex Tosc. & Piov., *nom. inv.* KEN(46).  
*Racopilum thomeanum* Broth. GUI(47), SAO(47).  
*Racopilum tomentosum* (Hedw.) Brid. ANG(46), DIE(40), FER(47), GUI(47), MAD(40), MAU(105), REU(105).  
*Racopilum ugandae* Dix. UGA(46), ZAI(65).  
*Radulina borbonica* (Bel.) Buck. ANN(47), CAM(47), CAR(47), COM(40), CON(47), GAB(47), IVO(1880), LIB(47), MAD(40), MAU(105), NIG(47), REU(105), RWA(65), SAO(47), SEY(40), TAN(46), UGA(46), ZAI(65).  
*Rauvolfia subfilamentosa* (Besch.) Wijk & Marg. KEN(46), MAD(32,40), MAL(67), NAT(32), TAN(46), TRV(1531), ZIM(46).  
*Regmatodon* Brid. An unpublished world-wide revision by Eakin (1908) states that only *R. polycarpus* (Griff.) Mitt. occurs in Africa, and all other African names are made synonyms.  
*Regmatodon bevicuspis* P.Varde & Leroy. = *R. secundus* (46).  
*Regmatodon imbricata* Broth. Excluded. Clerical error in Born *et al.* (65): taxon does not exist (Frahm, pers. comm.)  
*Regmatodon newtonii* C.Müll. ex Broth. CAM(47), FER(47), GUI(47).  
*Regmatodon secundus* Kiaer KEN(46), MAD(40), MAL(67), TAN(46), ZAI(65).  
*Renauldia dusenii* (Broth.) Broth. CAM(47,2), FER(47,2).  
*Renauldia hildebrandtielloides* C.Müll. MAD(40,2).  
*Renauldia lycopodioides* Biz. ex Pócs TAN(46).  
*Renauldia patentissima* (Hampe) Broth. MAD(40,2).  
*Renauldia patentissima* var. *mutica* Thér. MAD(40).  
*Renauldia patentissima* var. *tenuis* Thér., *nom. nud.* MAD(40).  
*Rhabdoweisia africana* Dix. & Nav. TAN(46), UGA(46), ZAI(65).  
*Rhabdoweisia crispata* (Dicks.) Lindb. LES(1448), NAT(1531).  
*Rhabdoweisia fugax* BS&G NAT(1531), TRV(1531), ZIM(61).  
*Rhabdoweisia lineata* Rich. & Arg. CAM(47), RWA(65), TAN(46), ZAI(65).  
*Rhachitheciopsis tisserantii* P.Varde = *Rhachithecium*

- tisserantii* (80).
- Rhachithecium perpusillum* (Thwait. & Mitt.)  
Broth. BUR(65), CAR(47), GUI(47), MAD(40),  
MAL(67), NIG(334,333), TAN(46,333),  
TRV(1531), ZAI(65,333), ZAM(62,333),  
ZIM(46,61).
- Rhachithecium tisserantii* (P.Varde) Robins.  
CAR(47).
- Rhachithecium welwitschii* (Duby) Zander  
ANG(46).
- Rhacocarpus purpurascens* (Brid.) Par. CBS(1531),  
KEN(46), LES(1531), MAD(40), MAL(67),  
REU(105), RWA(46,65), TAN(46), TRV(1531),  
UGA(46), ZAI(65), ZIM(61).
- Rhacocarpus purpurascens* var. *rufipilus* (Ren.  
& Card.) Wijk & Marg. MAD(40), REU(105).  
*Rhacocarpus rehmannianus* (C.Müll.) Wijk & Marg.  
= *R. purpurascens* (1531).
- Rhacopilopsis flexilis* (Ren. & Card.) Buck  
MAD(717).
- Rhacopilopsis guineensis* (Broth. & Par.) Buck  
CAR(47), GAB(47), GUI(47), LIB(47), SIL(47),  
ZAI(65).
- Rhacopilopsis kilimandscharica* (Broth. &  
P.Varde) Buck RWA(65), TAN(46), ZAI(65).
- Rhacopilopsis transvaaliensis* (Thér. & Dix. ex  
Sim) Buck BUR(65), MAD(40), MAL(67),  
MOZ(46,357), NAT(1531), RWA(65),  
TAN(46), TRV(1531), UGA(46), ZAI(65),  
ZAM(46), ZIM(61).
- Rhacopilopsis trinitensis* (C.Müll.) Britt. ex Dix.  
ANG(46), CAM(47), CAR(47), CON(47),  
GAB(47), GHA(47), GUI(47), IVO(47,1458,1880),  
NIG(47), SAO(47), TAN(46), TOG(1878),  
UGA(46), ZAI(65), ZAM(46).
- Rhacopilopsis trinitensis* fo. *densa* Dix. ex Tosco &  
Piovano. Excluded. Any records for this form  
have been associated with the owning species.
- Rhacopilopsis trinitensis* var. *acuminata* (Card.)  
P.Varde CAR(47), CON(47), GAB(47), GUI(47),  
ZAI(65).
- Rhacopilopsis trinitensis* var. *gracilis* (Card.)  
P.Varde CAR(47), GAB(47).
- Rhacopilopsis trinitensis* var. *pendula* P.Varde  
GAB(47).
- Rhacopilopsis trinitensis* var. *perserrata* J.Tayl.  
& P.Varde UGA(46).
- Rhaphidorrhynchium amoenum* (Hedw.) Fleisch.  
MAU(105), REU(105).
- Rhaphidorrhynchium angustissimum* (Geh.)  
Broth. MAD(40).
- Rhaphidorrhynchium argyrophyllum* (Besch.)  
Broth. CAR(47), CON(47), GAB(47).
- Rhaphidorrhynchium brevihorridum* (Broth.)  
Broth. CAM(47), CAR(47), CON(47), GAB(47),  
IVO(1880), NIG(334).
- Rhaphidorrhynchium cambouei* (Ren. & Card.)  
Broth. MAD(40).
- Rhaphidorrhynchium crispans* (Besch.) Broth.  
REU(105).
- Rhaphidorrhynchium gabonense* Broth. &  
P.Varde GAB(47).
- Rhaphidorrhynchium lamprosericeum* (Ren. &  
Card.) Broth. IVO(1880), ZAI(65).
- Rhaphidorrhynchium nigricale* (Brid.) Broth.  
CAM(47), GAB(47), GHA(47), IVO(1880),  
SIL(47).
- Rhaphidorrhynchium pervilleanum* (Geh.) Broth.  
MAD(40).
- Rhaphidorrhynchium plumularium* (Mitt.) Broth.  
STH(1296).
- Rhaphidorrhynchium pseudo-brachythecium*  
(Broth.) Broth. = *Sematophyllum subsimplex*  
(717).
- Rhaphidorrhynchium rubricale* (Besch.) Broth.  
MAD(40), REU(105).
- Rhaphidostegium crassiusculum* Brid. = *Semato-*  
*phyllum crassiusculum* (1521).
- Rhaphidostegium dixonii* Thér. = *Sematophyllum*  
*dixonii* (See "New Combinations").
- Rhaphidostegium nanopyxis* Geh. = *Sematophyllum*  
*nanopyxis* (See "New Combinations").
- Rhaphidostegium nanothecium* Jaeg., *nom. nud.* See  
note under *Sematophyllum* sp.
- Rhaphidostegium plumularium* Mitt. = *Rhaphidorr-*  
*hynchium plumularium* (1521).
- Rhaphidostegium rigescens* Card. = *Sematophyllum*  
*rigescens* (See "New Combinations").
- Rhaphidostegium rutenbergii* C.Müll., *nom. nud.*  
Excluded. This taxon was recorded from Mada-  
gascar (40). *Rhaphidostegium* is a synonym of  
*Sematophyllum*, and thus the taxa should be  
transferred there, but this name is not in *Index*  
*Muscorum* (1521), and I could not find a specimen  
in BM.
- Rhaphidostichum gracile* Dix. CAM(47).
- Rhaphidostichum mahense* (Besch.) Broth.  
SEY(40).
- Rhaphidostichum subluxurians* Dix. & Thér.  
GHA(47), LIB(47).

- Rhizofabronia perpilosa* (Broth.) Broth. CAM(47), KEN(46), TAN(46), UGA(46), ZAI(65).
- Rhizofabronia persoonii* var. *persoonii* (Schwaegr.) Fleisch. MAU(105), REU(105), RWA(65), SAO(47), TAN(46).
- Rhizofabronia persoonii* var. *sphaerocarpa* (Dus.) Bizot ex Ochyra CAM(47), KEN(46), MAD(40), MAL(67), TAN(46), ZAI(65), ZIM(61).
- Rhizofabronia sphaerocarpa* (Dus.) Fleisch. = *R. persoonii* var. *sphaerocarpa* (46).
- Rhizogonium spiniforme* var. *acunhense* Besch. = *Pyrrhobryum spiniforme* var. *acunhense* (80).
- Rhizomnium punctatum* (Hedw.) 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.) Par. = *Bryum huillense* (354).
- Rhodobryum aubertii* (Schwaegr.) Thér. = *Bryum aubertii* (354).
- Rhodobryum commersonii* (Schwaegr.) Brid. CBS(1531), COM(40), KEN(46), MAD(40), MAL(46,67), MAU(105), NAT(1531), REU(105), SWA(1531), TAN(46), TRV(1531), UGA(46), ZIM(46).
- Rhodobryum ellipticifolium* (Brizi) Broth. = *Bryum ellipticifolium* (1521).
- Rhodobryum ellipticifolium* fo. *compacto-gregaria* Tong. Excluded. The records for this form have been associated with *Bryum ellipticifolium* (1521).
- Rhodobryum ellipticifolium* fo. *laxo-verticillata* Tong. Excluded. The records for this form have been associated with *Bryum ellipticifolium* (1521).
- Rhodobryum giganteum* (Schwaegr.) Par. MAD(40), REU(105).
- Rhodobryum huillense* (Welw. & Duby) Touw = *Bryum huillense* (74).
- Rhodobryum jungneri* (Broth.) Par. = *Bryum keniae* (354).
- Rhodobryum keniae* (C.Müll.) Broth. = *Bryum keniae* (74).
- Rhodobryum leptoroseum* Par., nom. nud. = *Bryum keniae* (354).
- Rhodobryum ontariense* (Kindb.) Kindb. CBS(1531), KEN(46), LES(1531), MAD(40), MAL(67), NAT(1531), TAN(46), TRV(1531), UGA(46).
- Rhodobryum perspinidens* (Broth.) Pócs KEN(46), TAN(46), UGA(46).
- Rhodobryum pertomentosum* = *Bryum keniae* (354).
- Rhodobryum preussii* Broth. & Par. = *Bryum preussii* (74).
- Rhodobryum pseudo-homalobolax* Par. & Broth. = *Bryum huillense* (354).
- Rhodobryum quintasii* (Broth.) Par. = *Bryum huillense* (354).
- Rhodobryum roseum* (Hedw.) Limpr. auct. afr. See note under *R. spathulatum*.
- Rhodobryum saprophilum* Par. = *Bryum saprophilum* Broth., hom. illeg (1521) = *Bryum capillare* (354).
- Rhodobryum spathulatum* (Hornsch.) Pócs. According to Touw (1502), Pócs incorrectly used this name as the earliest name for *R. ontariense*, but in fact the type of *R. spathulatum* is *Bryum aubertii*. I have thus assumed that all plants called either *R. roseum* or *R. spathulatum* should be called *R. ontariense*.
- Rhodobryum staudtii* (Broth.) Par. = *Bryum staudtii* (74).
- Rhodobryum umbraculum* (Hook.) Schimp. ex Par. = *Bryum umbraculum* (23).
- Rhynchostegiella bequaertii* Dix. & Thér. UGA(46), ZAI(65).
- Rhynchostegiella brunelii* Tixier TOG(1878).
- Rhynchostegiella holstii* (Broth.) Broth. CBS(1531), KEN(46), MAL(67), TAN(46), ZAI(65), ZIM(61).
- Rhynchostegiella keniae* Dix. KEN(46).
- Rhynchostegiella linderi* Thér. ZAI(65).
- Rhynchostegiella microtheca* (Ren. & Card.) Broth. COM(40), MAD(40).
- Rhynchostegiella pendula* Thér. ZAI(65).
- Rhynchostegiella sublaevipes* Broth. & Bryhn NAT(1531).
- Rhynchostegiella tanneri* Biz. ex Pócs TAN(46).
- Rhynchostegiella tenella* var. *tenella* (Dicks.) Limpr. KEN(46), ZIM(46).
- Rhynchostegiella tenelliformis* (Ren. & Card.) Broth. REU(105).
- Rhynchostegiella zeyheri* (C.Müll.) Broth. CBS(1531), NAT(1531), TRV(1531), ZAM(46), ZIM(46).
- Rhynchostegium angustifolium* Ren. & Card. MAD(40).
- Rhynchostegium bello-intricatum* (Broth.) Par. = *Schimperella bello-intricatum* (717).
- Rhynchostegium bequaerti* Thér. & Nav. ZAI(65).
- Rhynchostegium brachypterum* (Hornsch.) Jaeg.

- CAM(47), CBS(1531), MAL(67), NAT(1531), RWA(65), TRV(1531), ZAI(65), ZIM(46).  
*Rhynchostegium buluense* (Broth.) Par. GAB(47), TAN(46).  
*Rhynchostegium cataractarum* Thér. & P. Varde CAR(47).  
*Rhynchostegium comorae* (C. Müll.) Jaeg. COM(40), MAD(40), TAN(46), ZAI(65).  
*Rhynchostegium distans* Besch. COM(40), MAD(40), MAU(105), REU(105), TAN(46), UGA(46).  
*Rhynchostegium gracilipes* Thér. BUR(65), UGA(46).  
*Rhynchostegium hopfferi* (Welw. & Duby) Gepp SAO(47).  
*Rhynchostegium horridum* Broth. KEN(46), TAN(46), UGA(46), ZAI(65).  
*Rhynchostegium luteonitens* (Welw. & Duby) Jaeg. ANG(46).  
*Rhynchostegium macowanianum* Par. = *Platyhypnidium macowanianum* (1521).  
*Rhynchostegium megapelma* (Broth.) Par. = *Rhynchostegium brachypterum* (717).  
*Rhynchostegium megapolitanum* var. *meridionale* Schimp. CAP(1296).  
*Rhynchostegium nervosum* (Ren.) Card. MAD(40).  
*Rhynchostegium omocrates* Buck RWA(65).  
*Rhynchostegium oxyodon* (Welw. & Duby) Gepp ANG(46).  
*Rhynchostegium pectinatum* (Mitt.) Par. MAS(40).  
*Rhynchostegium pseudo-distans* Card. MAD(40), REU(105).  
*Rhynchostegium raphidorrhynchum* (C. Müll.) Jaeg. CBS(1531), NAT(1531), TRV(1531), ZIM(61).  
*Rhynchostegium riparioides* (Hedw.) Card. = *Platyhypnidium riparioides* (Hedw.) Fleisch..  
*Rhynchostegium ruwenzorense* Broth. UGA(46).  
*Rhynchostegium schoanum* C. Müll. ex Par., *nom. nud.* ETH(50).  
*Rhynchostegium subbrachypterum* Broth. & Bryhn CBS(1531), NAT(1531), TRV(1531).  
*Rhynchostegium tenuivagum* (C. Müll. ex Broth.) Par. = *Eurhynchium tenuivagum* (717).  
*Rhynchostegium tenuivagum* var. *congolense* Card. ZAI(65).  
*Rhynchostegium tenuivagum* var. *congolense* Card.  
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.) Par. 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.
- Rhytidium rugosum* (Hedw.) Kindb. KEN(46), UGA(46).  
*Rigodium kilimandscharicum* (Broth.) Par. = *R. toxarion* (1202).  
*Rigodium niveum* Thér. = *R. toxarion* (1202).  
*Rigodium toxarion* (Schwaegr.) Jaeg. MAD(40,1202), MAL(67), MOZ(1202), TAN(46), TRV(1531), ZIM(61).  
*Rutenbergia borbonica* Besch. MAD(40), REU(105).  
*Rutenbergia cirrata* Ren. & Card. MAD(40).  
*Rutenbergia limbata* (Hampe) Besch. MAD(40).  
*Rutenbergia madagassa* Geh. & Hampe MAD(40).  
*Rutenbergia madagassa* var. *flagelliformis* Ren. & Card. MAD(40).  
*Rutenbergia prionodon* (Besch.) Ren. MAU(105), REU(105).  
*Saelania glaucescens* (Hedw.) Broth. LES(1531), NAT(1531), OFS(1531).  
*Sanionia uncinata* (Hedw.) Loeske GAB(47), KEN(46), OFS(1531), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Sarmentypnum sarmentosum* (Wahlenb.) Tuom. & T. Kop KEN(46), TAN(1403).  
*Sauloma africana* Dix. & Thér. ZAI(65).  
*Sauloma tisserantii* P. Varde CAR(47).  
*Schimperella atrotheca* (P. Varde) P. Varde = *Schimperella bello-intricata* (717).  
*Schimperella bello-intricata* (C. Müll. ex Broth.) Buck BUR(65), CAM(47), KEN(46), RWA(65), TAN(46), ZAI(65).  
*Schimperella katalensis* P. Varde = *Schimperella bello-intricata* (717).  
*Schimperella rhynchostegioides* Thér. MAD(40).  
*Schistidium agassizii* auct. afr., *non* Sull. & Lesq. Records for this taxon should be referred to *S. rivulare* (1124).  
*Schistidium angustissimum* (P. Varde) Ochyra UGA(46).  
*Schistidium apocarpum* var. *apocarpum* (Hedw.) BS&G CBS(1531), KEN(46), LES(1531),



- NAT(1531),OFS(1531),REU(105),RWA(65),  
SAF(1882),TAN(46),TRV(1531),UGA(46).
- Schistidium apocarpum* var. *confertum* (Funck)  
Moell. ETH(50).
- Schistidium cribrodontium* (Herz.) Ochyra  
UGA(46).
- Schistidium perichaetiale* (P.Varde) Ochyra  
KEN(46),TAN(1407),UGA(46).
- Schistidium perichaetiale* var. *piliferum* (De-  
mar.) Ochyra KEN(46).
- Schistidium rivulare* (Brid.) Podp. RWA(65),  
TAN(46).
- Schizomitrium africanum* (Mitt.) Ochyra See *Cal-  
licostella africana*.
- Schizomitrium ascensione* (C.Müll.) Ochyra See  
*Callicostella ascensionis*.
- Schizomitrium attenuatum* (C.Müll.) Ochyra See  
*Callicostella attenuata*.
- Schizomitrium brevipes* (Broth.) Ochyra See *Calli-  
costella bevipes*.
- Schizomitrium chevalieri* (Broth. in Corb.) Ochyra  
See *Callicostella chevalieri*.
- Schizomitrium chionophyllum* (C.Müll.) Ochyra See  
*Callicostella chionophylla*
- Schizomitrium constrictum* (C.Müll.) Ochyra See  
*Callicostella constricta*
- Schizomitrium emarginatum* (Broth.) Ochyra See  
*Callicostella emarginatula* .
- Schizomitrium eroso-truncatum* (Card.) Ochyra See  
*Callicostella eroso-truncata* .
- Schizomitrium fissidentellum* (Besch.) Ochyra See  
*Callicostella fissidentella* .
- Schizomitrium gabonense* (Broth. & P.Varde) Ochyra  
See *Callicostella gabonensis* .
- Schizomitrium lacerans* (C.Müll.) Ochyra See *Cal-  
licostella lacerans* .
- Schizomitrium laeviusculum* (Mitt.) Ochyra See  
*Callicostella laeviuscula* ).
- Schizomitrium leptocladulum* (C.Müll. ex Broth.)  
Ochyra See *Callicostella leptocladula*
- Schizomitrium maclaudii* (Par. & Broth.) Ochyra  
See *Callicostella maclaudii* .
- Schizomitrium papillatum* (Mont.) Sull. See *Callico-  
stella papillata* .
- Schizomitrium papillatum* var. *brevifolium* (Fleisch.)  
Miller et. al. See *Callicostella papillata* var.  
*brevifolia*.
- Schizomitrium papillosulum* (Broth. & P.Varde)  
Ochyra See *Callicostella papillosula* .
- Schizomitrium parvocellulatum* (Dem. & P.Varde)  
Ochyra See *Callicostella parvocellulata* .
- Schizomitrium perpapillatum* (Broth. & P.Varde)  
Ochyra See *Callicostella perpapillata* .
- Schizomitrium perrotii* (Ren. & Card. ex Par.) Ochyra  
See *Callicostella perrotii*
- Schizomitrium pusillum* (Broth.) Ochyra See *Calli-  
costella pusilla* .
- Schizomitrium salaziae* (Besch.) Ochyra See *Calli-  
costella salaziae*.
- Schizomitrium seychellense* (Besch.) Ochyra See  
*Callicostella seychellensis*.
- Schizomitrium subemarginatum* (Broth. & P.Varde)  
Ochyra See *Callicostella subemarginatula*.
- Schizomitrium triste* (C.Müll.) Ochyra See *Callico-  
stella tristis*.
- Schizomitrium usambaricum* (Broth.) Ochyra See  
*Callicostella usambarica*.
- Schizymerium basilaris* (Schimp. ex C.Müll.) Shaw  
CAM(47),ETH(50).
- Schizymerium commixtum* (Thér.) Shaw  
MAD(40).
- Schizymerium cratericola* (Broth. in Mildbr.)  
Ochyra & Sharp KEN(46),TAN(46),UGA(46),  
ZAI(65).
- Schizymerium hariotii* (Thér.) Shaw UGA(46).
- Schizymerium hymenostomum* (Bruch & Schimp.  
ex C.Müll.) Shaw ETH(50).
- Schizymerium madagassum* (Ren. & Card. ex  
Card.) Shaw MAD(40).
- Schizymerium mildbraedii* (Broth.) Shaw  
KEN(46), RWA(65), TAN(46), UGA(46),  
ZAI(65).
- Schizymerium ruwenzorensense* (Thér. & Nav.)  
Ochyra & Sharp RWA(65),TAN(46),UGA(46),  
ZAI(65).
- Schlotheimia abbreviata* Broth., *nom. nud. in  
sched.* TAN(46).
- Schlotheimia acutifolia* Ren. & Par. MAD(40).
- Schlotheimia acutifolia* var. *angustifolia* Thér.  
MAD(40).
- Schlotheimia angulosa* P.Beauv. MAU(105),  
REU(105),TAN(46).
- Schlotheimia badiella* Besch. MAD(40),  
MAU(105),REU(105).
- Schlotheimia badiella* var. *brevifolia* Ren.  
MAU(105).
- Schlotheimia badiella* var. *helicophylla* Besch.  
MAD(40),REU(105).
- Schlotheimia badiella* var. *longicaulis* Besch.  
REU(105).

- Schlotheimia balfourii* Mitt. SOC(40,1626).  
*Schlotheimia bequaerti* Thér. & Nav. ZAI(65).  
*Schlotheimia boiviniana* Besch. COM(40),  
MAD(40).  
*Schlotheimia brachyphylla* Ren. & Card.  
REU(105).  
*Schlotheimia brachypodia* Thér. & Nav. ANG(46),  
MAL(67), RWA(65), ZAI(65).  
*Schlotheimia congolensis* Card. ZAI(65).  
*Schlotheimia conica* Ren. & Card. MAD(40).  
*Schlotheimia cyrtophylla* P.Varde = *S. grevilleana*  
(1878).  
*Schlotheimia excorugata* C.Müll. ex Card.  
MAD(40), TAN(46).  
*Schlotheimia ferruginea* (Hook. & Grev.) Brid.  
CBS(1531), NAT(1531), SWA(1531), TAN(46),  
ZAM(46,62), ZIM(61).  
*Schlotheimia fornicata* Duby MAD(40),  
MAU(105), REU(105).  
*Schlotheimia fornicata* var. *apiculata* P.Varde  
MAD(40).  
*Schlotheimia fornicata* var. *microtheca* P.Varde  
MAD(40).  
*Schlotheimia foveolata* Ren. & Card. MAD(40).  
*Schlotheimia foveolata* var. *torquescens* Card.  
MAD(40).  
*Schlotheimia fragilifolia* Thér. & Nav. TAN(46),  
ZAI(65).  
*Schlotheimia gauthieri* Thér. COM(40), MAD(40).  
*Schlotheimia grevilleana* Mitt. CAR(47), KEN(46),  
TAN(46), TOG(1878), UGA(46), ZIM(61).  
*Schlotheimia holstii* Broth., *nom. nud. in sched.*  
TAN(46).  
*Schlotheimia illecebra* Schimp. ex Besch.  
REU(105), ZIM(61).  
*Schlotheimia laetevirens* Broth. MAL(67),  
TAN(46).  
*Schlotheimia malacophylla* Besch. MAD(40),  
REU(105), TAN(46).  
*Schlotheimia microcarpa* Geh. MAD(40),  
REU(105).  
*Schlotheimia microphylla* var. *farlowii* Ren. &  
Card. MAU(105).  
*Schlotheimia nossi-beana* C.Müll. MAD(40).  
*Schlotheimia nossi-beana* var. *linealis* (Geh.)  
Thér. MAD(40).  
*Schlotheimia pauli* Ren. & Card. MAD(40).  
*Schlotheimia percuspidata* C.Müll. CBS(1531),  
MAL(67), NAT(1531), TAN(46), TRV(1531),  
ZIM(46).  
*Schlotheimia perrieri* Thér. MAD(40).  
*Schlotheimia perrotii* Ren. & Card. MAD(40).  
*Schlotheimia perrotii* var. *brevisetata* Thér.  
MAD(40).  
*Schlotheimia pobeguinii* Par. & Broth. GUI(47).  
*Schlotheimia poecilodictyon* P.Varde & Thér.  
TAN(46).  
*Schlotheimia quadrifolia* Brid. = *S. angulosa* (1521).  
*Schlotheimia richardii* Besch. MAU(105),  
REU(105).  
*Schlotheimia rigescens* Broth. KEN(46), TAN(46),  
UGA(46), ZAI(65).  
*Schlotheimia robillardii* Duby MAD(40),  
MAU(105), REU(105), TAN(46).  
*Schlotheimia robusta* Thér. MAD(40), TAN(46).  
*Schlotheimia rufoaeruginosa* C.Müll. ANG(46),  
ZIM(46).  
*Schlotheimia rufopallens* C.Müll. CBS(1531),  
NAT(1531), TRV(1531).  
*Schlotheimia rugifolia* (Hook.) Schwaegr.  
ANG(46).  
*Schlotheimia schweinfurthii* C.Müll. = *S. grevilleana*  
(1878).  
*Schlotheimia semidiaphana* (Ren. & Card.) Card.  
MAD(40).  
*Schlotheimia squarrosa* Brid. MAD(40),  
REU(105).  
*Schlotheimia subfornicata* Thér. MAD(40),  
REU(105).  
*Schlotheimia tenuisetata* Geh. MAD(40).  
*Schlotheimia torquata* (Hedw.) Brid. MAS(40).  
*Schlotheimia trichophora* Ren. & Card. MAD(40).  
*Schlotheimia trichophora* var. *stenophylla* (Ren.  
& Card.) Thér. MAD(40).  
*Schlotheimia trypanoclada* Geh. MAD(40).  
*Schoenobryum latifolium* (Broth. & P.Varde)  
Manuel CAR(47), TAN(46).  
*Schoenobryum latifolium* var. *microsporum*  
(P.Varde) Manuel CAR(47).  
*Schoenobryum madagassum* (Geh.) Manuel  
MAD(40).  
*Schoenobryum plicatulum* (Dix. & Thér.) Manuel  
ZAI(65).  
*Schoenobryum robustum* (Broth.) Manuel  
DJI(1569), KEN(46), MAL(67), RWA(65),  
TAN(46), ZAI(65).  
*Schoenobryum* sp. CAR(47).  
*Acrocryphaea emarginata* Thér. & Nav. in P.Varde,  
*nom. nud.* was not dealt with by Manuel (1291)  
in his transfer of *Acrocryphaea* to *Schoenobryum*,

presumably because it was *nom. nud.* The list entry in Potier de la Varde (1567) (quoted by *Index Muscorum* (1521) as the basionym for this taxon) does not claim it as a new species, but there is no indication of where if anywhere it was described, or where the specimen is, although a locality is given.

- Schoenobryum subintegrum* var. *idanreense* (Rich. & Edw.) Manuel NIG(47).  
*Schoenobryum subrobustum* (Broth. & P.Varde) Manuel CAR(47), NIG(334).  
*Schoenobryum tisserantii* (Thér. & P.Varde) Manuel CAR(47).  
*Schoenobryum welwitschii* (Duby) Manuel ANG(46), MAD(40), TAN(46).  
*Schwetschkea brevis* (Schimp.) Fleisch. ETH(50).  
*Schwetschkea brotheri* Dus. CAM(47), CAR(47), GAB(47), GUI(47), TAN(46), ZAI(65).  
*Schwetschkea capillifolia* Dix. ex Herz. ERI(50).  
*Schwetschkea fabronioides* (Welw. & Duby) Broth. ANG(46), CAM(47), CAR(47), GAB(47), GHA(47), LIB(47), TAN(146), TOG(1878), UGA(46), ZAI(65).  
*Schwetschkea grateloupii* (Mont.) C.Müll. COM(40), REU(105).  
*Schwetschkea peracuminata* Demar. & Leroy ZAI(65).  
*Schwetschkea schweinfurthii* C.Müll. CAR(47), IVO(1880), TAN(46), UGA(46).  
*Schwetschkea usambarica* Broth. TAN(46), ZAI(65), ZAM(46).  
*Scleropodium purum* L. = *Pseudoscleropodium purum* (1521).  
*Scopelophila cataractae* (Mitt.) Broth. CAR(47), RWA(65).  
*Scopelophila ligulata* (Spruce) Spruce RWA(65).  
*Scorpiurium circinatum* (Brid.) Fleisch. & Loeske DJI(1569).  
*Sematophyllum alticaule* Dix. & Thér. KEN(46), UGA(46), ZAI(65).  
*Sematophyllum amblystegiocarpum* (C.Müll.) Broth. SAO(47).  
*Sematophyllum aneuron* (Duby) Jaeg. MAU(105).  
*Sematophyllum angusticymeum* (C.Müll.) Broth. COM(40).  
*Sematophyllum annobonense* Broth. in Mildbr., *nom. nud.* ANN(47).  
*Sematophyllum brachycarpum* (Hampe) Broth. CBS(1531), KEN(46), MOZ(46), NAT(1531), OFS(1531), SWA(1531), TRV(1531), UGA(46), ZAM(62), ZIM(46).  
*Sematophyllum brachytheciiforme* (Broth.) Broth. CAM(47), RWA(65), ZAI(65).  
*Sematophyllum caespitosum* (Hedw.) Mitt. = *S. subpinnatum* (46).  
*Sematophyllum caespitosum* var. *sphaerotheca* (C.Müll.) P.Varde, *nom. inv.* UGA(46).  
*Sematophyllum caespitosum* var. *sphaerotheca* (C.Müll.) P.Varde, *nom. inv.* The species for this variety has now been transferred to *S. subpinnatum* (46). This variety should be synonymised, or validated and transferred.  
*Sematophyllum cellulosum* Buck. RWA(65).  
*Sematophyllum congolensis* (Card.) Broth. ZAI(65).  
*Sematophyllum constrictum* Mitt. MAS(40).  
*Sematophyllum coppeyi* (Card.) Broth. MAD(40).  
*Sematophyllum corticolum* (Aongstr.) O'Shea MAS(40).  
*Sematophyllum crassirete* (Card.) Broth. CAR(47), CON(47), GAB(47), ZAI(65).  
*Sematophyllum crassiusculum* (Brid.) Broth. BUR(65), MAU(105), REU(105).  
*Sematophyllum danckelmannii* (C.Müll.) Broth. CAM(47).  
*Sematophyllum dixonii* (Thér.) O'Shea MAD(40).  
*Sematophyllum dregei* (C.Müll.) Bartr. CBS(1531), MAL(67), NAT(1531), SWA(1531), TAN(46), TRV(1531), ZIM(46).  
*Sematophyllum dubium* (Ren.) Broth. MAD(40).  
*Sematophyllum elgonense* (Dix.) Broth. KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(259).  
*Sematophyllum erythrocaulon* Aongstr. STH(1296).  
*Sematophyllum euryphyllum* Dix. & Thér. ZAI(65).  
*Sematophyllum flavovesiculosum* Buck RWA(65).  
*Sematophyllum friesiorum* P.Varde KEN(46), UGA(46).  
*Sematophyllum fulvifolium* Mitt. CAR(47), GAB(47), GUI(1458), IVO(1458, 1880), ROD(105), TAN(46).  
*Sematophyllum fulvifolium* var. *patulifolium* P.Varde CAR(47).  
*Sematophyllum gueinzii* (Hampe) Magill CBS(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZIM(61).  
*Sematophyllum helenicum* Mitt. STH(1296).  
*Sematophyllum humillimum* Dix. & Thér. TAN(46), ZAI(65).

- Sematophyllum incurvum* Mitt. ROD(105).  
*Sematophyllum laetevirens* (Broth. & Par.) Broth. CAR(47), GUI(47), TAN(46), UGA(46), ZAI(65).  
*Sematophyllum laetevirens* var. *homomallum* P.Varde CAR(47).  
*Sematophyllum longinerve* (Duby) Jaeg. MAU(105).  
*Sematophyllum nanopyxis* (Geh.) O'Shea MAD(40).  
*Sematophyllum nebulosum* Buck ZAI(65).  
*Sematophyllum nematocaulon* (C.Müll.) Fleisch. COM(40).  
*Sematophyllum nigro-alare* Dix. ZAI(65).  
*Sematophyllum obtusifolium* (Ren. & Card.) Broth. CAM(47), CAR(47), GAB(47), GUI(47), MAD(40), TAN(46), ZAM(46).  
*Sematophyllum obtusifolium* var. *laxifolium* P.Varde GAB(47).  
*Sematophyllum parisii* Broth. CAR(47), GUI(47).  
*Sematophyllum perrevolutum* (Broth.) Broth. TAN(46), ZAI(65).  
*Sematophyllum physaophyllos* (Welw. & Duby) Broth. ANG(46).  
*Sematophyllum plagiothecioides* Dix. & Thér. TAN(259), UGA(46), ZAI(65).  
*Sematophyllum pobeguini* (Broth. & Par.) Broth. GUI(47).  
*Sematophyllum rigescens* (Card.) O'Shea MAD(40).  
*Sematophyllum rivuletorum* (Broth.) Broth. CAM(47).  
*Sematophyllum ruwenzorense* Dix. & Thér. ZAI(65).  
*Sematophyllum schimperi* (Besch.) Broth. MAU(105), REU(105), TAN(46).  
*Sematophyllum serandii* (Thér.) Broth. GUI(47).  
*Sematophyllum sinuosulum* (Besch.) Broth. KEN(46), MAD(40), REU(105), TAN(46).  
*Sematophyllum sinuosulum* var. *latifolium* (Card.) Thér. MAD(40).  
*Sematophyllum* sp. MAU(105).  
*Rhaphidostegium nanothecium* Jaeg., *nom. nud.* A specimen in BM of the type of this taxon appears to be a *Sematophyllum*. The taxon, being *nom. nud.*, is thus left here awaiting revision of *Sematophyllum*.  
*Sematophyllum sphaeropyxis* (C.Müll.) Broth. CBS(1531), NAT(1531), SWA(1531), TRV(1531), ZIM(61).  
*Sematophyllum stylites* Buck ZAI(65).  
*Sematophyllum subbrachytheciiforme* P.Varde KEN(46), TAN(46), ZAI(65), ZAM(46,62).  
*Sematophyllum subcochleatum* Dix. & Thér. ZAI(65).  
*Sematophyllum subjulaceum* (Broth. & Par.) Broth. GUI(47).  
*Sematophyllum subpinnatum* (Brid.) Britt. ANG(259), BUR(65), CAM(47), CBS(1531), CAR(47), CON(47), DIE(40), GAB(47), GUI(47,1458), IVO(47,1880), LIB(47), MAD(40), MAL(67), MAU(105), MOZ(357), NAT(1531), NIG(47), OFS(1531), REU(105), RWA(65), SIL(47), SWA(1531), TAN(46), TOG(1878), TRV(1531), UGA(46), ZAI(65), ZIM(46).  
*Sematophyllum subrugifolium* Dix. MAD(40).  
*Sematophyllum subscabrellum* Ren. & Card. MAD(40).  
*Sematophyllum subsimplex* (Hedw.) Mitt. CAM(47), CAR(47), CON(47), GAB(47), GUI(47), IVO(1880), ZAI(65).  
*Sematophyllum trachelocarpum* (Kindb.) Broth. NIG(47).  
*Sematophyllum wageri* Wright & Wag. CBS(1531), MOZ(46), NAT(1531), SWA(1531), TRV(1531), ZIM(61).  
*Sematophyllum zuluense* (Sim) Magill CBS(1531), NAT(1531), TRV(1531).  
*Semibarbula lambarenensis* (P.Varde) Hilp. = *Barbula indica* (1158).  
*Semibarbula orientalis* (Web.) Wijk & Marg. = *Barbula indica* (1620).  
*Serpotortella chenagonii* (Ren. & Card.) Reese & Zander MAD(40), REU(105).  
*Serpotortella cyrtophylla* (Besch.) Reese & Zander MAD(1474), REU(105).  
*Serpotortella madegassa* Dix. = *S. chenagonii* (1474).  
*Serpotortella marginata* Dix. = *S. chenagonii* (1474).  
*Sphaerothecium subchlorophyllosum* (C.Müll. ex Rabenh.) Frahm CBS(1531), LES(1475,1531), NAT(1531), TRV(1531).  
*Sphagnum africanum* Welw. & Duby ANG(59), MAL(67), ZAI(59), ZAM(59,62), ZIM(59).  
*Sphagnum australe* Mitt. = *S. lacteolum* Besch. = *S. strictum* ssp. *pappeanum* (59).  
*Sphagnum bernieri* Besch. = *S. cuspidatum* (59)  
*Sphagnum bessonii* Warnst. = *S. planifolium* var. *planifolium* (59).  
*Sphagnum bordasii* Besch. = *S. truncatum* var. *bordasii* (59).  
*Sphagnum bourbonense* Crum REU(1632).

- Sphagnum capense* Hornsch. CBS(1531), MAD(59), MAL(67), MOZ(357), NAT(1531), REU(59), TRV(1531), ZIM(59).
- Sphagnum ceylonicum* Mitt. ex Warnst. KEN(59), MAD(59), REU(59), TAN(259), UGA(59), ZAI(65).
- Sphagnum condensatum* Brid. REU(105).  
*Sphagnum condensatum* Brid. Not treated by Eddy (59), but included in Crosby *et al* (40), and shown by Index Muscorum (1521) as present in Africa-3.
- Sphagnum cordemoyi* Warnst. = *S. violascens* (59).
- Sphagnum cuspidatum* C.Müll. MAD(59), RWA(59).
- Sphagnum cuspidatum* Hoffm. CON(59), GAB(59), MAD(59), RWA(59,65), ZAI(59,65).
- Sphagnum davidii* Warnst. CAM(59), IVO(59), KEN(59), MAL(67), NIG(59), REU(59), RWA(59,65), SIL(59), TAN(59), UGA(59), ZAI(59,65).
- Sphagnum davidii* var. *flavo-fuscescens* Warnst. = *S. davidii* Warnst (59).
- Sphagnum drouhardii* Card. = *S. perichaetiale* (59).
- Sphagnum ericetorum* Brid. MAD(59), REU(59).
- Sphagnum fimbriatum* Wils. TRV(1531).
- Sphagnum helenicum* Warnst. STH(1296).  
*Sphagnum humbertii* Card. = *S. capense* (59).  
*Sphagnum kerstenii* Hampe = *S. ceylonicum* (59).  
*Sphagnum laxirete* Thér. = *S. pappeanum* C.Müll (1521) = *S. strictum* var. *pappeanum* (59).  
*Sphagnum madegassum* C.Müll. = *S. planifolium* var. *planifolium* (59).  
*Sphagnum magellanicum* C. Müll. *auct. afr.* = *S. magellanicum* ssp. *grandirete* (59).
- Sphagnum magellanicum* ssp. *grandirete* (Warnst.) Eddy MAD(59).  
*Sphagnum mathieui* var. *subsquarrosum* Warnst. Excluded. Not mentioned by Eddy (59).  
*Sphagnum mathieui* Warnst. = *S. truncatum* var. *bordasii* (59).  
*Sphagnum meridense* (Hampe) C.Müll. Excluded. This is an American taxon, not known in Africa (59). The synonym of this name given in Crosby *et al* (40) is *S. 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 nemoreum* Scop. REU(105).  
*Sphagnum nemoreum* Scop. Not treated by Eddy (59), but listed in Crosby *et al.*(40), and shown in *Index Muscorum* (1521) for Africa-3 and Africa-4.
- Sphagnum obovatum* Warnst. = *S. rutenbergii* (59).
- Sphagnum obtusifolium* Warnst. Excluded. This taxon is listed for Madagascar and the Mascarenes (40), but is not treated by Eddy (59). However, this is unlikely to be the correct name, as the only entry in *Index Muscorum* (1521) is *S. obtusifolium* Ehrh., which is a synonym of *S. palustre*. The two synonyms of *S. obtusifolium* Warnst. given in Crosby & Schultze-Motel (40) are both now synonyms of *S. violascens* (59) which belongs to a different section of the genus.
- Sphagnum pallidum* Warnst. = *S. rutenbergii* (59).
- 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 perichaetiale* Hampe ANG(59), CBS(1531), MAD(59), MAU(59), NAT(1531), REU(59).
- Sphagnum perrieri* Thér. MAD(40).  
*Sphagnum perrieri* Thér. 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.) Eddy MAD(59), TAN(59), UGA(59), ZAI(65), ZIM(59).
- Sphagnum planifolium* var. *planifolium* C.Müll. CAM(59), GAB(59), IVO(59), KEN(59), MAD(59), MAL(67), RWA(65), SAF(59), TAN(59), UGA(59), ZAI(59,65), ZAM(59), ZIM(59).
- Sphagnum planifolium* var. *rugegense* (Warnst.) Eddy KEN(59), RWA(65), TAN(59), UGA(59), ZAI(65), ZAM(59).
- Sphagnum purpureum* Schimp. ex Warnst. = *S. violascens* (59)
- Sphagnum pycnocladulum* C.Müll. CBS(1531), MAL(67), RWA(59).
- Sphagnum rutenbergii* C.Müll. MAD(59), MAU(59), REU(59).  
*Sphagnum salvanii* Warnst. = *S. rutenbergii* (59)
- Sphagnum slooveri* Eddy BUR(59).
- Sphagnum strictum* Sull. ZAI(59,65).
- Sphagnum strictum* ssp. *pappeanum* (C.Müll.) Eddy CBS(1531), MAD(59), NAT(1531), REU(59), RWA(59), TAN(59), TRV(1531),

- UGA(59),ZAI(59,65).
- Sphagnum truncatum* Hornsch. CBS(1531), MOZ(59),NAT(1531),SWA(1531),TRV(1531).
- Sphagnum truncatum* var. *bordasii* (Besch.)Eddy BUR(65), MAD(59), MAU(59), NAT(59), REU(59),TRV(59).
- Sphagnum tumidulum* var. *confusum* Eddy REU(59).
- Sphagnum tumidulum* var. *microphyllum* Warnst.=  
*S. tumidulum* var. *tumidulum* (59)
- Sphagnum tumidulum* var. *tumidulum* Besch. MAD(59),MAU(59),REU(59).
- Sphagnum violascens* C.Müll. CBS(1531), MAD(59),MAL(67),MAU(59),MOZ(59,357), REU(59),SAF(59).
- Splachnobryum acutifolium* Thér. LIB(47).
- Splachnobryum aquaticum* C.Müll. SOM(50).
- Splachnobryum boivinii* C.Müll. MAD(40).
- Splachnobryum brotheri* Par. GAB(47),GUI(47), MAL(67).
- Splachnobryum erosulum* C.Müll. ex Dus. CAM(47),SIL(47).
- Splachnobryum gracile* Besch. COM(40), MAD(40).
- Splachnobryum inundatum* C.Müll. MAD(40).
- Splachnobryum obtusum* (Brid.) C.Müll. CAM(47), CAR(47), GAB(47), GUI(47), MAD(40),SIL(47).
- Splachnobryum rostratum* Broth. & Par. CAR(47), GAB(47),GUI(47),NIG(334).
- Splachnobryum suborbifolium* Par. & Broth. CAR(47),GUI(47),ZAI(65).
- Splachnobryum tenerum* C.Müll.exDus. CAR(47), LIB(47),ZAI(65).
- Splachnum adolphi-friederici* Broth. ZAI(65).
- Squamidium biforme* (Hampe) Broth. = *S. brasiliense* (93).
- Squamidium biforme* var. *congesta* (Ren. & Card.) Een = *S. brasiliense* (93).
- Squamidium biforme* var. *densirameum* (Broth.) Biz. = *S. brasiliense* (93).
- Squamidium brasiliense* (Hornsch.) Broth. CBS(1531),COM(40),KEN(46),MAD(40), NAT(1531),REU(105),RWA(65),SWA(1531), TAN(1406,46),TRV(1531),UGA(46).
- Stableria aethiopica* (C.Müll.) Broth. = *Orthodontium gracile* (1521).
- Stableria ruwenzorensis* Thér. & Nav. = *Orthodontium ruwenzorensis* (See "New Combinations").
- Stableria tenella* (Mitt.) Broth.= *Orthodontium gracile* (1521).
- Stenocarpidiopsis perfiliaris* (C.Müll.) Fleisch. ETH(50).
- Stereophyllum acutum* var. *acutum* Broth. & Par. in Par. = *Entodontopsis tenuinervis* (719).
- Stereophyllum acutum* var. *viridis* Broth. & Par. in Par. = *Entodontopsis tenuinervis* (719).
- Stereophyllum andungense* (Welw. & Duby) Gepp ANG(46),CAR(47),GHA(47),NIG(334), TOG(1878),UGA(46).
- Stereophyllum auriculatum* Gepp = *Entodontopsis leucostega* (1349).
- Stereophyllum brunthaleri* Broth. Excluded. Probably a synonym of *S. radiculosum* (719).
- Stereophyllum conterminum* Card. = *Entodontopsis nitens* (65).
- Stereophyllum favoroi* Tosco & Piovano KEN(46).
- Stereophyllum flavobrunneum* C.Müll. in Par., *nom. nud.* SEN(47).
- Stereophyllum guineense* Broth. & Par. = *S. radiculosum* (719).
- Stereophyllum indicum* (Bel.) Mitt. = *S. radiculosum* (1349).
- Stereophyllum laetevirens* Broth. = *Entodontopsis nitens* (1349).
- Stereophyllum laxirete* Broth. & P.Varde CAR(47).
- Stereophyllum leucomioides* Broth. & Par. = *Entodontopsis tenuinervis* (719).
- Stereophyllum limnobioides* Ren. Excluded. Probably a synonym of *S. radiculosum* (719).
- Stereophyllum lingulaefolium* (Welw. & Duby) Gepp = *Entodontopsis nitens* (1349)
- Stereophyllum loseanum* Broth. & Par. = *Entodontopsis tenuinervis* (719).
- Stereophyllum macrocarpum* J.Tayl. & P.Varde ETH(719).
- Stereophyllum microcarpum* Thér. = *Entodontopsis tenuinervis* (719).
- Stereophyllum natalense* Sim = *S. radiculosum* (719).
- Stereophyllum nitens* Mitt. = *Entodontopsis nitens* (717).
- Stereophyllum odontocalyx* (C.Müll.) Jaeg.& Sauerb. = *S. radiculosum* (719).
- Stereophyllum omalosekos* (Welw. & Duby) Jaeg. & Sauerb. Excluded. Probably a synonym of *S. radiculosum* (719).
- Stereophyllum pallidifolium* Ren. & Card. = *Entodontopsis nitens* (1349).
- Stereophyllum pobeguini* Broth. & Par. in Par. = *Entodontopsis nitens* (1349).

- Stereophyllum radiculosum* (Hook.) Mitt. ANG(46), CAM(47), CBS(1531), CAR(47), ETH(50), GUI(47), IVO(44,1458,63), KEN(46), MAD(40), MAL(67), MAU(105), NAT(1531), NIG(47,334), REU(105), SWA(1531), TAN(46), TOG(47), TRV(1531), ZAI(65), ZAM(46,62), ZIM(61,46).
- Stereophyllum reclinatum* Par. & Broth. in Par. Excluded. Probably a synonym of *S. radiculosum* (719).
- Stereophyllum rhynchostegioides* Broth. & Par. = *Entodontopsis rhynchostegioides* (719).
- Stereophyllum rigescens* Broth. Excluded. Probably a synonym of *S. radiculosum* (719).
- Stereophyllum rivale* P.Varde = *S. radiculosum* (1349).
- Stereophyllum rivulare* Mitt. = *S. radiculosum* (1349).
- Stereophyllum rufescens* Broth. & Par. = *Entodontopsis rufescens* (719).
- Stereophyllum tenuinerve* Broth. & Par. = *Entodontopsis tenuinervis* (719).
- Stereophyllum tisserantii* Broth. & P.Varde in P.Varde = *S. radiculosum* (1349).
- Stereophyllum woodii* (Sim) Magill in Magill & Schelpe Excluded. Probably a synonym of *S. radiculosum* (719).
- Stereophyllum zuluense* Broth. & Bryhn in Bryhn = *Entodontopsis nitens* (1349).
- Stoneobryum mirum* (Lewinsky) Norris & Robinson CBS(347), NAT(1531,347).
- Streblotrichum convolutum* (Hedw.)P.Varde = *Barbula convoluta* (46).
- Streptopogon calymperes* C.Müll. ex Geh. MAD(40), RWA(65).
- Streptopogon calymperoides* Demaret & P.Varde ZAI(65).
- Streptopogon erythrodontus* var. *erythrodontus* (Tayl.) Wils. RWA(65), ZAI(65).
- Streptopogon erythrodontus* var. *rutenbergii* (C.Müll. ex Geh.) Salm. CAM(47), KEN(46), MAD(40), RWA(65), TAN(46), UGA(46), ZAI(65).
- Streptopogon subelimbatus* Card. MAD(40).
- Symblepharis rhacomitrioides* Dix. CAM(47).
- Symphiodon pygmaeus* (Broth.) He & Snider MAD(40), MOZ(357), REU(357).
- Syntrichia alpestris* (Dix. in Herz.) Zander KEN(46).
- Syntrichia ammoniana* (Crum & Anderson) Ochyra CBS(1531), LES(1531), NAM(1531), NAT(1531), OFS(1531), TRV(1531).
- Syntrichia amphidacea* (C.Müll.) Zander TAN(46), ZIM(61).
- Syntrichia antarctica* (Hampe in C.Müll.) Zander CBS(1863), LES(1863), TRV(1863).
- Syntrichia austroafricana* (Kramer) Zander CBS(1863), LES(1863).
- Syntrichia cavallii* (Negri) Ochyra ETH(1158), KEN(46,136), RWA(65), TAN(46), UGA(46), ZAI(65).
- Syntrichia chisosa* (Magill, Delg. & Stark) Zander CBS(1531), LES(1531), NAM(1531), TRV(1531).
- Syntrichia fragilis* (Tayl.) Ochyra CBS(1531), CAR(47), DJI(1569), ERI(50), ETH(50), KEN(46), LES(1531), MOZ(46), NAM(1531), NAT(1531), OFS(1531), RWA(65), SOM(50), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZIM(46,61).
- Syntrichia laevipila* var. *laevipila* Brid. KEN(411).
- Syntrichia leucostega* var. *leucostega* (C.Müll.) Zander CBS(1863), LES(1863), OFS(1863), TRV(1863).
- Syntrichia leucostega* var. *trachyneura* (Dix.) Zander CBS(1863), OFS(1863), TRV(1863).
- Syntrichia mollis* (B&S ex C.Müll.) Zander ETH(50).
- Syntrichia norvegica* var. *norvegica* Web. LES(1863), NAT(1863).
- Syntrichia pagorum* (Milde) Amann CBS(1531), NAT(1531), SWA(1531), TRV(1531), ZIM(61).
- Syntrichia pagorum* (Milde) Amann. The differences between this taxon and *S. laevipila* may be too slight to justify retention of this taxon (Sollman, pers. comm.).
- Syntrichia papillosa* (Wils. in Spruce) Jur. CBS(1531), KEN(411), NAT(1531), OFS(1531).
- Syntrichia princeps* (De Not.) Mitt. CBS(1531), NAT(1531).
- Syntrichia princeps* (De. Not.) Mitt. Material called by this name from the southern hemisphere may belong to *S. antarctica* (Sollman, pers. comm.), and it is possible that *S. princeps* does not occur in sub-Saharan Africa.
- Syntrichia rubella* (Hook.f. & Wils.) Zander CBS(1863).
- Syntrichia ruralis* ssp. *ruralis* (Hedw.) Web. & Mohr. CBS(1531), ETH(1865), LES(1531,1863), NAT(1531), OFS(1531), SUD(1419), TRV(1531).
- Syntrichia subaristata* (Broth. & Schimp. ex C.Müll.) Zand. ERI(50), ETH(50).
- Syrhopodon* Schwaegr. All records previously recorded for the genus *Calymperopsis* have now

- been transferred to this genus (see note under *Calympersopsis*). As Reese's revisions do not discuss the African distribution in detail, the data shown here should for subgenus *Pseudocalymperes* should be treated with caution, considering previous misunderstanding of the subgenus, until the distribution has been revised. The distributions of *S. africanus* var. *africanus* and *S. subdisciformis* are most likely to be suspect.
- Syrrhopodon aculeato-serratus* Besch. = *S. gardneri* (132).
- Syrrhopodon africanus* ssp. *africanus* (Mitt.) Par. BEN(400), CAM(47,1708), CON(47), GAB(47), GUI(47,1458), MAD(40), NIG(47,761), SIL(47), TAN(46), ZAI(1125,65).
- Syrrhopodon africanus* ssp. *africanus* (Mitt.) Par. See comments above (under *Syrrhopodon*) about distribution data for this taxon.
- Syrrhopodon africanus* ssp. *mandrakensis* (Tixier) Reese MAD(1346).
- Syrrhopodon afrotiliatus* C.Müll. ex Dus. = *S. armatus* (24).
- Syrrhopodon apertifolius* Besch. = *S. prolifer* var. *acanthoneuros* (1344).
- Syrrhopodon armatissimus* Reese MAD(1375).
- Syrrhopodon armatus* Mitt. CAM(47), CON(47), GAB(47), GUI(363), IVO(44), NIG(47), ZAI(65).
- Syrrhopodon armatus* fo. *rubrotomentosus* = *S. armatus* (24).
- Syrrhopodon armatus* ssp. *insularus* (Biz. & Onraedt) Orban & Reese MAD(361), REU(361), SEY(361), TAN(46,361), ZAI(1125).
- Syrrhopodon armatus* var. *latifolius* P.Varde = *S. armatus* (Reese, pers. comm.).
- Syrrhopodon asper* Mitt. GAB(24), KEN(46), MAD(105), MAL(67), MOZ(46), REU(105), RWA(65), TAN(46), TRV(1531), ZAI(65), ZAM(62), ZIM(61).
- Syrrhopodon brevifolius* Broth. & P.Varde = *S. gardneri* (24).
- Syrrhopodon brevifolius* var. *overlaetii* (Thér. & Nav.) Dix. & Thér. = *S. gardneri* (24).
- Syrrhopodon brevivaginanans* Demar. & Leroy = *S. incompletus* var. *incompletus* (132).
- Syrrhopodon chevalieri* P.Varde = *S. planifolius* (24).
- Syrrhopodon chlorothrix* (C.Müll.) Broth. ZAI(65).
- Syrrhopodon congolensis* Besch. Excluded. See Orbán (24).
- Syrrhopodon crenulatus* (Tixier) Reese GAB(47).
- Syrrhopodon croceus* Mitt. SEY(1889).
- Syrrhopodon cryptocarpus* Dozy & Molk. = *Heliconema cryptocarpus* (Dozy & Molk.) Ellis & Eddy, *nom. inval.* (= *Chameleion cryptocarpus*) (755).
- Syrrhopodon cuneifolius* Thér. MAD(24,40).
- Syrrhopodon decipiens* P.Varde = *S. planifolius* (24).
- Syrrhopodon disciformis* Dusen CAM(47,1708), CAR(47), GAB(47), IVO(1880), NIG(47), ZAI(400).
- Syrrhopodon gabonensis* Broth. & P.Varde = *S. gardneri* (24).
- Syrrhopodon gabonensis* var. *aspericuspis* P.Varde = *S. asper* (24).
- Syrrhopodon gardneri* (Hook.) Schwaegr. ANG(46), BUR(65), CAM(24), COM(40), GAB(24,47), GUI(24,363), MAD(24,40), MAL(67), REU(24,105), RWA(65), SAO(24), SIL(24), TAN(46,24), ZAI(65).
- Syrrhopodon gaudichaudii* Mont. CBS(1531), COM(24), GAB(24), GUI(24,363), MAD(24,40), MAL(67), MOZ(46), NAT(1531), OFS(1531), REU(24), SWA(1531), TAN(46,362), TRV(1531), UGA(46,363), ZAI(65), ZIM(24).
- Syrrhopodon graminifolius* Ren. & Card. MAD(24,40), MAU(1375).
- Syrrhopodon hispido-costatus* Ren. & Card. in Ren. = *S. prolifer* var. *hispidocostatus* (1344).
- Syrrhopodon incompletus* var. *incompletus* Schwaegr. TAN(46,362), ZAI(65,24).
- Syrrhopodon insularus* Biz. & Onraedt = *S. armatus* var. *insularus* (132).
- Syrrhopodon involutus* Schwaegr. CAR(47), CHG(40), MAD(24,40), MAU(24), REU(24), SEY(24,40), ZAI(24,65).
- Syrrhopodon isleanus* Besch. = *S. prolifer* var. *prolifer* (1344).
- Syrrhopodon jacobi* Besch. = *Serpotortella chenagonii* (1474).
- Syrrhopodon lamprocarpus* Mitt. CAM(47), CON(24), FER(47), GAB(47), RWA(65), SAO(47), ZAI(65).
- Syrrhopodon leptodontoides* Besch. = *Serpotortella cyrtophylla* (1474).
- Syrrhopodon lineaeifolius* P.Varde = *S. cryptocarpa* (24) (= *Chameleion cryptocarpus*).
- Syrrhopodon linealis* = *S. gaudichaudii* (132).
- Syrrhopodon lisowskii* Orban GUI(363), ZAI(65).
- Syrrhopodon mahensis* Besch. REU(105), SEY(24,40).



- Syrrhopodon mauritanus* C.Müll. ex Aongstr. COM(24), MAD(24,40,362), MAU(24,362), REU(24,362), TAN(46,362).
- Syrrhopodon microblepharis* P.Varde = *S. gardneri* (132).
- Syrrhopodon mildbraedii* Broth. in Mildbr. = *S. asper* (24).
- Syrrhopodon mildbraedii* var. *parvifolius* P.Varde = *S. asper* (24).
- Syrrhopodon obuduensis* Egunyomi & Olarinmoye = *S. africanus* ssp. *africanus* (1909)
- Syrrhopodon oxyphyllus* P.Varde = *S. gaudichaudii* (24).
- Syrrhopodon parasiticus* (Brid.) Besch. CAM(1708), MAD(40).
- Syrrhopodon patentifolius* P.Varde, *nom. nud.* MAD(40).
- Syrrhopodon patulifolius* P.Varde, *hom. illeg.* MAD(40).
- Syrrhopodon paucifimbriatus* C.Müll. ex Dus. = *S. armatus* (24).
- Syrrhopodon perdusenii* Reese CAM(1711).
- Syrrhopodon phragmidaceus* C.Müll. Excluded. See Orbán (24).
- Syrrhopodon planifolius* fo. *subaciliatus* P.Varde. Excluded. Any records for this form have been associated with the owning species.
- Syrrhopodon planifolius* var. *planifolius* P.Varde BUF(24), GAB(24,47), GUI(24), IVO(1458), NIG(24).
- Syrrhopodon pobeguinii* Par. & Broth. = *S. gaudichaudii* (24).
- Syrrhopodon prolifer* var. *acanthoneuros* (C.Müll.) C.Müll. COM(24,40), MAD(24,40), MAU(24), REU(24), TAN(46).
- Syrrhopodon prolifer* var. *hispidocostatus* (Ren. & Card. in Ren.) Orban & Reese MAD(24,40), MAU(1375), REU(24).
- Syrrhopodon prolifer* var. *prolifer* Schwaegr. COM(105), MAD(24,40), MAU(105), REU(105), SEY(24,40), TAN(46).
- Syrrhopodon pulvinaris* Par. = *S. gaudichaudii* (24).
- Syrrhopodon quintasii* Broth. = *S. gardneri* (24).
- Syrrhopodon revolutus* Dozy & Molk. = *S. involutus* (1579).
- Syrrhopodon rodriguezii* Ren. & Card. REU(24).
- Syrrhopodon spiralis* Ren. & Card. = *S. prolifer* var. *prolifer* (1344).
- Syrrhopodon stuhlmannii* Broth. ex Orban TAN(46,361).
- Syrrhopodon subdisciformis* Dusen BEN(400), CAM(47,1708), GAB(47), GHA(47), LIB(47), NIG(47), TAN(46), ZAI(400).
- Syrrhopodon subdisciformis* Dusen See comments above (under *Syrrhopodon*) about distribution data for this taxon.
- Syrrhopodon tenellifolius* (Dus.) Besch. = *S. armatus* (24).
- Syrrhopodon tixieri* Reese MAD(1346).
- Syrrhopodon uncinifolius* C.Müll. = *S. gaudichaudii* (24).
- Syrrhopodon usambaricus* Broth. ex Orban TAN(46,362).
- Syrrhopodon virgulicola* Reese CAM(1711).
- Taxiphyllum gabonense* Broth. & P.Varde CAR(47), CON(47), GAB(47), IVO(1880), SIL(47), TAN(46), ZAI(65).
- Taxiphyllum gabonense* var. *ectropothecioides* P.Varde CAR(47), GAB(47).
- Taxiphyllum gabonense* var. *plagiothecioides* P.Varde CAR(47), GAB(47), TAN(46), ZAI(65).
- Taxiphyllum laxalare* Buck ZAI(65).
- Taxiphyllum maniae* (Ren. & Card.) Fleisch. COM(40), MAD(40).
- Taxithelium afro-acuminulatum* (C.Müll.) Par. CAM(47).
- Taxithelium andongense* Gepp ANG(46), CAR(47).
- Taxithelium argyrophyllum* Ren. & Card. MAD(40).
- Taxithelium chloropterum* (C.Müll.) Ren. & Card. FER(47).
- Taxithelium compressicaule* Broth. CAM(47), CAR(47), GAB(47), IVO(1880), LIB(47).
- Taxithelium confusum* Card. MAD(40).
- Taxithelium glabriusculum* Broth. CAM(47), CAR(47), GAB(47), LIB(47), SIL(47), TOG(58,47).
- Taxithelium glaucophyllum* Besch. MAD(40).
- Taxithelium glaucovirens* Card. ZAI(65).
- Taxithelium guineense* Broth. & Par. GUI(47), ZAI(1552).
- Taxithelium hirtellum* Par. & Ren. MAD(40).
- Taxithelium homalophyllum* (Mitt.) Broth. NIG(47).
- Taxithelium kuilui* (C.Müll.) Ren. & Card. CON(47).
- Taxithelium latitruncatum* Card. MAD(40).
- Taxithelium leptopunctatum* Broth. LIB(47).
- Taxithelium nigerianum* Broth. & Par. MAI(47).

- Taxithelium nossianum* Besch. MAD(40).  
*Taxithelium perglabrum* Broth. & Par. CAR(47), GAB(47), GUI(47).  
*Taxithelium perminutum* Broth. CAM(47).  
*Taxithelium planulum* Besch. COM(40), MAD(40).  
*Taxithelium planum* (Brid.) Mitt. ASC(1296), NIG(47).  
*Taxithelium pobeguini* Broth. & Par. CAR(47), GAB(47), GUI(47), SIL(47).  
*Taxithelium pseudo-amoenum* (Bel.) Ren. MAU(105), REU(105).  
*Taxithelium ramivagum* Broth. CAM(47), CAR(47), CON(47), GAB(47), GUI(47), IVO(47,1880), SIL(47).  
*Taxithelium ramivagum* var. *elongatum* P.Varde GAB(47).  
*Taxithelium raphidostegioides* (Broth.) Broth. TAN(46).  
*Taxithelium raphidostegioides* var. *pallidum* Broth. TAN(46).  
*Taxithelium raphidostegioides* var. *viride* Broth. TAN(46).  
*Taxithelium rotundatum* Broth. CAM(47), CAR(47), GAB(47), GUI(47), IVO(47,1880), LIB(47), SIL(47).  
*Taxithelium rotundatum* var. *minus* Broth. ex Corb. CAR(47).  
*Taxithelium stenosecos* (Welw. & Duby) Broth. ANG(46).  
*Taxithelium suboctodiceris* Broth. & Par. CAR(47), CON(47), GAB(47), GUI(47), MAI(47).  
*Taxithelium subrotundatum* Broth. & Par. CAM(47), CAR(47), CON(47), GAB(47), GUI(47), IVO(1880), TAN(46), ZAI(65).  
*Taxithelium voeltzkowii* Broth. MAU(105).  
*Tayloria indica* Mitt. MAD(40), MAS(40).  
*Tayloria isleana* (Besch.) Broth. MAD(40), NAT(1531), REU(123), TAN(46), ZIM(1547).  
*Tayloria jamesonii* (Tayl.) C.Müll. CAM(47).  
*Tayloria kilimandscharica* Broth. KEN(136), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Tayloria limbata* Dix., *hom. illeg.* Excluded. Annotation on type (from Kenya) in BM: "not Splachnaceae. det. Aune Koponen 1981." No alternative identification is offered, although Dixon (16) considers Bryaceae as a possible alternative family.  
*Tayloria orthodonta* (P.Beauv.) Demar. CAM(47), GUI(47), KEN(46), MAD(40), MAL(67), REU(123), RWA(65), SIL(47), TAN(46), TRV(1531), ZAI(65), ZIM(46,61).  
*Tayloria serrata* var. *tenuis* (With.) BS&G KEN(46), UGA(46).  
*Tayloria solitaria* (Hedw.) T.Kop & W.Web. ANG(46), CAM(47,123), GUI(47), MAD(40), SAO(47), TAN(46), UGA(46), ZAI(65).  
*Tayloria thomeana* (Broth.) Broth. = *T. solitaria* (107).  
*Tetraplodon bryoides* Lindb. = *T. mnioides* (46).  
*Tetraplodon mnioides* (Hedw.) BS&G KEN(46), TAN(46), UGA(46), ZAI(65).  
*Tetrapterum tetragonum* (Hook.) Andrews CBS(1531).  
*Thamnum malgachum* Card. = *Thamnobryum malgachum* (See "New Combinations").  
*Thamnum stipitatum* (Mitt.) Broth. ex Par. = *Poro-thamnum stipitatum* (15).  
*Thamnobryum malgachum* (Card.) O'Shea MAD(40).  
*Thuidium abietinum* ssp. *abietinum* BS&G LES(1635), NAT(1531).  
*Thuidium abietinum* ssp. *abietinum* BS&G. Touw (pers. comm.) believes that the occurrence of this taxon in South Africa is very unlikely.  
*Thuidium aculeoserratum* Ren. & Card. MAD(32,40), REU(32).  
*Thuidium annobonense* Broth. in Mildbr., *nom. nud.* = *T. gratum* (32). (The only collection is cited in Touw (32), although the name is omitted from the paper's list of synonyms.)  
*Thuidium borbonicum* Besch. = *T. versicolor* (32).  
*Thuidium byssoideum* Besch. COM(32,40), MAD(32,40).  
*Thuidium chenagonii* C.Müll. ex Ren. & Card. BUR(32,65), CAM(32), CAR(32), COM(32,40), GAB(32), GUI(32), IVO(32), KEN(46), MAD(32,40), MAL(67), MOZ(46), RWA(65), SIL(32), TAN(46), UGA(46), ZAI(32,65), ZAM(411), ZIM(46).  
*Thuidium chloropsis* (C.Müll.) Par. = *T. gratum* var. *gratum* (32).  
*Thuidium gratum* (P.Beauv.) Jaeg. ANG(32), ANN(32), BUF(32), BUR(32), CAM(32), CAR(32), COM(32,40), CON(32), FER(32), GAB(32), GHA(32), GUB(32), GUI(32,1458), IVO(32,1458,1880), LIB(32), MAD(32,40), MAL(67), MAI(32), NIG(32,334), SEN(32), SEY(40), SIL(32), SUD(32), TAN(32), TOG(46,1878), UGA(32), ZAI(32,65).

- Thuidium gratum* ssp. *gratum* (Besch.) Touw = *T. gratum* (1636).
- Thuidium gratum* ssp. *subscissum* (Besch.) Touw = *T. gratum* (1636).
- Thuidium intricatum* Jaeg. BUR(32), CAM(32), RWA(32), ZAI(32).
- Thuidium involvens* ssp. *involvens* (Hedw.) Mitt. Excluded. The collection from Angola given this name by Gepp is *Thuidium involvens* ssp. *thomeanum* (32).
- Thuidium involvens* ssp. *thomeanum* (Broth.) Touw ANG(46), CAM(32), CAR(32), CON(32), GAB(32), GHA(32), IVO(32), NIG(32), SAO(32), TOG(58,1878), ZAI(32).
- Thuidium laevipes* Mitt. = *T. varians* (32).
- Thuidium loricalycinum* (C.Müll.) Kindb. TAN(46).
- Thuidium matarumense* Besch. CBS(1531,32), COM(32,40), KEN(46), LES(32,1531), MAD(32,40), NAT(1531,32), OFS(32,1531), REU(32,287), TAN(46), TRV(1531,32), UGA(46), ZIM(61).
- Thuidium minusculum* (Mitt.) Jaeg. MAL(1636), TAN(1636).
- Thuidium nigerianum* (Mitt.) Par. = *T. involvens* var. *thomeanum* (32).
- Thuidium perscissum* (C.Müll.) Jaeg. Exclude. All specimens given this name have proved to be other taxa. It is probably a synonym of *T. chenagonii*, but the diagnosis gives insufficient information to confirm this (32).
- Thuidium pseudo-involvens* (C.Müll.) Jaeg. COM(32,40), MAD(32,40), MAU(32), TAN(46).
- Thuidium pycnangium* C.Müll. ex Broth. = *T. chenagonii* (32).
- Thuidium ramosulosum* (Mitt.) Jaeg. ANG(46), CAM(32), CBS(32), FER(32), GUI(32), KEN(46), MAD(32,40), MAL(67), NAT(1531,32), OFS(1531), RWA(65), TAN(46), TRV(1531,32), UGA(46), ZAM(46,62), ZIM(46).
- Thuidium spurio-involvens* Broth. and Par. = *T. varians* (32).
- Thuidium strangulatum* P.Varde = *T. tenuissimum* (32).
- Thuidium subfalcatum* (Mitt.) Par. = *T. involvens* var. *thomeanum* (32).
- Thuidium subperscissum* C.Müll., *nom. nud.* = *T. pseudo-involvens* (32).
- Thuidium tamariscellum* (C.Müll.) Bosch. & Lac. TAN(46), UGA(46).
- Thuidium tamariscinum* (Hedw.) BS&G REU(32,287), TAN(46).
- Thuidium tenuisetum* Welw. & Duby = *T. varians* (32).
- Thuidium tenuissimum* Welw. & Duby ANG(46), CAM(32), CAR(32), FER(32), GAB(32), GUI(32), IVO(63), NIG(32), ZAI(32).
- Thuidium trachynotum* Ren. & Par. = *T. ramosulosum* (32).
- Thuidium varians* Welw. et Duby ANG(46), BUR(32), CAM(32), CAR(32), COM(32,40), GAB(32), GHA(32), GUI(32), IVO(32,1880), MAD(32,40), MAL(67), MOZ(46), NAT(1531,32), NIG(334), RWA(65), SIL(32), SUD(32), SWA(32,1531), TAN(46), TOG(58,1878), UGA(46), ZAI(32), ZAM(62,411).
- Thuidium venustum* Besch. Excluded. The record of this taxon (TAN(46)) is doubtful (Touw, pers. comm.)
- Thuidium versicolor* (C.Müll.) Broth. CAM(32), CBS(1531,32), KEN(46), LES(32), MAD(32,40), MAL(67), NAT(1531,32), REU(32,287), RWA(32,65), TAN(46), TRV(1531,32), UGA(46), ZAI(32,65), ZAM(46), ZIM(46).
- Timmiella anomala* (BS&G) Limpr. KEN(411), TAN(46).
- Timmiella barbula* (De Not.) Schwaegr. = *T. barbuloides* (1420).
- Timmiella barbuloides* (Brid.) Moenk. CAP(1296), DJI(1569), ERI(50).
- Timmiella brevidens* Dix. UGA(46).
- Timmiella cameruniae* Broth. CAM(47), TAN(46).
- Timmiella pelindaba* Magill CBS(1531), LES(1531), OFS(1531), TRV(1531), ZIM(61).
- Tisserantiella pulchella* (Thér. & Hilp.) Zander CAM(47).
- Tisserantiella spathulata* P.Varde = *T. pulchella* (1420).
- Tortella aprica* (C.Müll.) Broth. ERI(50).
- Tortella caespitosa* Schwaegr. = *T. humilis* (1420).
- Tortella eckendorffii* (P.Varde) Zander CAR(47).
- Tortella fragilis* (Hook.f. & Wils.) Limpr. CBS(1531), LES(1531), NAT(1531), RWA(65), ZAI(65).
- Tortella fragillima* P.Varde TAN(46).
- Tortella humilis* (Hedw.) Jenn. CBS(1531), DJI(1569), KEN(46), LES(1531), MAD(40), MAU(1637), MOZ(46), NAT(1531), SOC(40), STH(1296), SWA(1531), TAN(46), TRV(1531),

- UGA(46), ZAI(65), ZIM(46).  
*Tortella smithii* Townsend SOC(40,1626).  
*Tortella somaliae* (C.Müll.) Zander SOM(50).  
*Tortella syrrhopodontoides* Dix. = *Pseudosymblypharis syrrhopodontoides* (1420).  
*Tortella theriotii* Broth. & P.Varde = *T. humilis* (1420).  
*Tortella theriotii* var. *angustata* Dix. & P.Varde = *T. humilis* (1420).  
*Tortella torquescens* (Schimp.) Broth. = *Tortula pilifera* Hook (1521) = *Pseudocrossidium crinitum* (1420).  
*Tortella tortuosa* (Hedw.) Limpr. MAL(67).  
*Tortella tortuosa* (Hedw.) Limpr. Sollman (pers. comm.) believes that this taxon is unlikely in Africa, but has yet to examine the collection.  
*Tortellavermicosa* (Ren. & Card.) Broth. REU(105).  
*Tortella xanthocarpa* (C.Müll.) Broth. CBS(1531), LES(1531), NAM(1531), NAT(1531), OFS(1531), SWA(1531), TRV(1531), ZIM(61).  
*Tortula abyssinica* De Not. ETH(50).  
*Tortula alpestris* Dix. = *Syntrichia alpestris* (1420).  
*Tortula ammonsiana* Crum & Anderson = *Syntrichia ammonsiana* (1420).  
*Tortula atrovirens* (Sm.) Lindb. CBS(1531), ERI(50), KEN(411), LES(1531), NAM(1531), NAT(1531), OFS(1531), TRV(1531).  
*Tortula bogosica* (C.Müll.) Zander ERI(50), ETH(1865), KEN(46), SUD(1419,1707), TRV(1531).  
*Tortula brevi-mucronata* (C.Müll.) Broth. = *Syntrichia fragilis* (1420).  
*Tortula cavallii* Negri = *Syntrichia cavallii* (1420).  
*Tortula chisosa* Magill, Delgadillo & Stark = *Syntrichia chisosa* (1420).  
*Tortula cochlearifolia* P.Varde TAN(46).  
*Tortula cuspidatissima* (C.Müll.) Broth. ASC(1296).  
*Tortula erubescens* (C.Müll.) Broth. = *T. fragilis* (65) (= *Syntrichia fragilis*).  
*Tortula eubryum* (C.Müll.) Broth. = *Barbula eubryum* (1420).  
*Tortula fragilis* Tayl. DJI(1569).  
*Tortula fragilis* Tayl. = *Syntrichia fragilis* (1420).  
*Tortula fusco-mucronata* (C.Müll.) Broth. = *Pseudocrossidium replicatum* (1419).  
*Tortula hyalinoblata* Broth. in Mich., *nom. nud.* ERI(50).  
*Tortula incerta* (Mitt.) Broth. = *Trichostomum incertum* (1420).  
*Tortula inermis* (Brid.) Mont. = *Syntrichia inermis* (1420).  
*Tortulakerensis* Broth. in Mich., *nom. nud.* ERI(50).  
*Tortula laevipila* var. *laevipila* (Brid.) Schwaegr. = *Syntrichia laevipila* var. *laevipila* (1420).  
*Tortula laevipila* var. *wachterii* Barkm. KEN(411).  
*Tortula laevipila* var. *wachterii* Barkm. This variety was not dealt with when the species was transferred to *Syntrichia* (1420). If the variety proves to be distinct, it should be transferred, otherwise synonymised.  
*Tortulalaxiretis* Broth. in Mich., *nom. nud.* ERI(50).  
*Tortula leiostomoides* P.Varde UGA(46).  
*Tortula leucochlora* C.Müll. ASC(1296).  
*Tortula longirostris* (Hampe) Broth. = *Barbula longirostris* (1420) (= *Hemediella limbata*).  
*Tortula madagassa* Dix. MAD(40).  
*Tortula microtricha* Broth. in Mich., *nom. nud.* ERI(50).  
*Tortula minor* (C.Müll.) Zander ERI(50).  
*Tortula minor* var. *elatior* (C.Müll.) Zander ERI(50).  
*Tortula mollis* (Broth. & Schimp.) Broth. = *Syntrichia mollis* (1420).  
*Tortula muralis* var. *madagascariensis* Thér. MAD(40).  
*Tortula muralis* var. *muralis* Hedw. CBS(1531,1882), NAM(1531), NAT(1531).  
*Tortula muralis* var. *obcordata* (Schimp.) Moenk. ZAI(65).  
*Tortula nana* (C.Müll.) Broth. = *Barbula nana* (1521) (= *Trichostomum brachydontium*).  
*Tortula omissa* Thér. MAD(40).  
*Tortula pagorum* (Milde) De Not. = *Syntrichia pagorum* (1420).  
*Tortula papillosa* Wils. in Spruce = *Syntrichia papillosa* (1420).  
*Tortula pertorquata* Broth. in Mich., *nom. nud.* ERI(50).  
*Tortula pierrotii* Biz. TAN(46).  
*Tortula porphyreoneura* (C.Müll.) Townsend. = *Pseudocrossidium porphyreoneurum* (1420).  
*Tortula princeps* De Not. = *Syntrichia princeps* (1420).  
*Tortula rehmannii* (C.Müll.) Sim = *Barbula rehmannii* (82) (= *Barbula indica*).  
*Tortula rhizophylla* (Sak.) Iwats. & K.Saito = *Phascum leptophyllum* C.Müll (68) (= *Chenia leptophylla*).  
*Tortularufa* (Besch.) Broth., *hom. illeg.* MAU(105).  
*Tortula ruralis* ssp. *ruralis* (Hedw.) Gaertn. = *Syntrichia ruralis* var. *ruralis* (1420).

- Tortula sabinae* Townsend SUD(1419).  
*Tortula* sp. ETH(50).  
*Desmatodon corticola* Schimp. in Par., *nom. nud.*  
*Desmatodon* Brid. is now a synonym of *Tortula*  
Hedw (1420). This taxon is not dealt with by  
Zander (1420) or *Index Muscorum* (1521), and  
requires investigation.
- Tortula subaristata* (Broth. & Schimp.) Broth. =  
*Syntrichia subaristata* (1420).
- Tortula subaristata* fo. *robusta* Dix. in Herz. Excluded.  
Any records for this form have been associated  
with *Syntrichia subaristata*, to which name the  
owning species has transferred.
- Tortula subrufa* Card. MAD(40).  
*Tortula subspathulata* (C.Müll.) Broth. = *Syntrichia*  
*fragilis* (1621).  
*Tortula subtorquatifolia* Dix. = *T. atrovirens* (1420).  
*Tortula tanganyikae* Dix. = *Syntrichia amphidaceus*  
(1420).
- Trachycarpidium tisserantii* Dix. & P.Varde  
CAR(47),NIG(334),UGA(46).
- Trachyphyllum borgenii* (Ren. & Card.) Broth.  
MAD(12,40).  
*Trachyphyllum curvifolium* (Mitt.) Gepp. = *T. inflexum*  
(12).  
*Trachyphyllum dilatatum* (Ren.) Ren. = *T. inflexum*  
(12).
- Trachyphyllum dusenii* (Broth.)Broth. CAM(47),  
CAR(47),GHA(12),GUI(12,1458),IVO(1880),  
MAI(12),MOZ(357),NIR(12),NIG(12,334),  
SEN(12),SIL(12),TOG(1878),ZAI(12,65),  
ZAM(46,62),ZIM(61).  
*Trachyphyllum fabronioides* (Besch.) Gepp. = *T.*  
*inflexum* (12).  
*Trachyphyllum fabronioides* fo. *comorense* Besch. =  
*T. inflexum* (12).  
*Trachyphyllum fabronioides* var. *imbricatum* (Ren.  
& Par.) Card. = *T. inflexum*. This is not included  
as a synonym by Buck (12), but in his discussion  
of *T. inflexum* (p.382), it is clear that this variety  
would in all likelihood be included here.
- Trachyphyllum gastroides* (Duby)Gepp ANG(46),  
MAL(67),NAT(1531),SEN(47),SWA(1531),  
TRV(1531),ZAI(12),ZAM(46,62),ZIM(46).
- Trachyphyllum inflexum* (Harvey)Gepp ALD(12),  
COM(12,40), MAD(12,40), MAU(12),  
MOZ(357), REU(12), ROD(105), SUD(12),  
TAN(46),ZAM(62).  
*Trachyphyllum pinnatum* (Broth. & Par.) Broth. = *T.*  
*dusenii* (12)
- Trachypodopsis laxoalaris* Broth. MAL(67),  
UGA(46),ZAI(65).  
*Trachypodopsis normandii* (Broth. & Par.)Fleisch.  
GUI(47),SIL(47).  
*Trachypodopsis normandii* fo. *viridis* Par., *nom. nud.*  
Excluded. Any records for this form have been  
associated with the owning species.
- Trachypodopsis serrulata* var. *crispatula* (Hook.)  
Zant. CAM(47),NIG(47),TAN(46).  
*Trachypodopsis serrulata* var. *serrulata* (P.Beauv.)  
Fleisch. CAM(47), COM(40), FER(47),  
IVO(44,1880),KEN(46),MAD(40),MAL(67),  
NIG(47), REU(105), RWA(65), SAO(47),  
TAN(46), TRV(1531), UGA(46), ZAI(65),  
ZIM(46).
- Trachypus appendiculatus* (Ren. & Card.)Broth.  
MAD(40),TAN(46).  
*Trachypus bicolor* Reinw.&Hornsch. NAT(1531),  
TAN(46),TRV(1531).  
*Trachypus bicolor* var. *hispidus* (C.Müll.) Card.  
GUI(47),TAN(46).  
*Trachypus bicolor* var. *viridulus* (Mitt.) Zant.  
MAD(40),REU(105),SAO(47),TAN(46).  
*Trachythecium le-testui* Thér. & P.Varde  
CAM(47),CAR(47),GAB(47),IVO(1880).  
*Trematodon angolensis* Welw.exDuby ANG(46).  
*Trematodon borbonicus* Besch. REU(105).  
*Trematodon congolensis* Leroy ZAI(65).  
*Trematodon curvicollis* Crad. MAD(40).  
*Trematodon decaryi* Thér. MAD(40).  
*Trematodon dentatus* Broth. & P.Varde CAR(47).  
*Trematodon divaricatus* Bruch CBS(1531),  
MAL(67),MOZ(46),NAT(1531),SAO(47),  
TAN(46),TRV(1531),ZAI(65).  
*Trematodon hildebrandtii* C.Müll. COM(40).  
*Trematodon intermedius* Welw. & Duby. = *T. para-*  
*doxus* (46).  
*Trematodon lacunosus* Ren. & Card. MAD(40).  
*Trematodon le-testui* P.Varde GAB(47).  
*Trematodon longicollis* Michx. KEN(411),  
MAL(67,411), NAT(1531), OFS(1531),  
RWA(65),TAN(411),TRV(1531),UGA(46),  
ZAI(65),ZIM(46,61).  
*Trematodon mayottensis* Besch. COM(40),  
MAL(67),NAT(1531),OFS(1531),TAN(46),  
ZAM(62,411),ZIM(46).  
*Trematodon minutulus* C.Müll.exDus. CAM(47),  
ZAI(65).  
*Trematodon nudus* C.Müll.exDus. CAM(47).  
*Trematodon pallidus* C.Müll. COM(40),

- MAD(40).
- Trematodon paradoxus* Hornsch. ANG(46), CBS(1531), MAL(67), NAM(1531), NAT(1531), OFS(1531), REU(105), RWA(65), SWA(1531), TRV(1531), UGA(46), ZAI(65), ZAM(62,411), ZIM(46,61).
- Trematodon paradoxus* var. *nanus* (Welw. & Duby) Sim ANG(46), CAR(47), TAN(46), UGA(46), ZAI(65), ZIM(46).
- Trematodon pillansii* Dix. ex Sim CBS(1531).
- Trematodon platybasis* C.Müll. MAD(40).
- Trematodon reticulatus* C.Müll. ex Geh. MAD(40).
- Trematodon schroederi* Broth. MAL(67), TAN(46), ZAI(65).
- Trematodon subambiguus* Besch. MAU(105), REU(105).
- Trematodon tisserantii* Broth. & P.Varde CAR(47).
- Trematodon usambaricus* Broth. TAN(46).
- Trematodon victoriae* C.Müll. ex Dus. CAM(47), ZAI(65).
- Trematodon viguieri* Card. COM(40), MAD(40).
- Trichosteleum asselii* Tixier IVO(1880).
- Trichosteleum borbonicum* (Bel.) Jaeg. = *Radulina borbonica* (717)
- Trichosteleum borbonicum* var. *brachycarpum* Ren. & Card. MAD(40).
- Trichosteleum borbonicum* var. *brachycarpum* Ren. & Card. Although Buck (717) does not specifically mention this variety when making several new synonyms for *Radulina borbonica*, he states that "Although several names have been used for species in this group in tropical Africa, all specimens seen from throughout the area represent a single taxon.". I assume this taxon will at some point become formally recognised as a synonym.
- Trichosteleum chrysophyllum* P.Varde CAR(47), GAB(47), IVO(1880).
- Trichosteleum constrictum* (Brid.) Ren. REU(105).
- Trichosteleum debettei* (Besch.) Kindb. REU(105).
- Trichosteleum debettei* var. *laevisetum* Card. MAD(40).
- Trichosteleum dicranelloides* Broth. LIB(47), SAO(47).
- Trichosteleum dimorphum* Dix. IVO(1880), SIL(47).
- Trichosteleum fusco-virescens* Par. & Broth. GUI(47).
- Trichosteleum gabonense* Broth. & P.Varde GAB(47), GUI(47), IVO(1880).
- Trichosteleum grossepapillosum* Par. & Broth. CAR(47), GAB(47), GUI(47,1458), IVO(1880), LIB(47), NIG(1492).
- Trichosteleum heterophyllum* Biz. & Onr. MAD(40).
- Trichosteleum hornschurchii* (Hampe) Jaeg. IVO(1458).
- Trichosteleum humbertii* P.Varde BUR(65), KEN(46), TAN(46), ZAI(65).
- Trichosteleum jaegeri* P.Varde SIL(47).
- Trichosteleum jonesii* Biz. ex Pócs TAN(46).
- Trichosteleum lachmanii* Biz. IVO(47,1880).
- Trichosteleum le-testui* P.Varde CON(47), GAB(47).
- Trichosteleum leviusculum* Ren. & Card. MAD(40).
- Trichosteleum lorifolium* P.Varde GAB(47).
- Trichosteleum madagassum* Jaeg., *nom. nud.* MAD(40).
- Trichosteleum mammillipes* Broth. = *Radulina borbonica* (717).
- Trichosteleum microcalyx* Ren. & Card. GAB(47), ZAI(65).
- Trichosteleum microdontum* (Besch.) Ren. MAD(40).
- Trichosteleum microdontum* var. *megapterum* Ren. & Card. MAD(40).
- Trichosteleum papillosum* (Hornsch.) Jaeg. NIG(47).
- Trichosteleum perchlorosum* Broth. & Bryhn CBS(1531), TRV(1531), ZIM(46).
- Trichosteleum perhamosum* Broth. = *Radulina borbonica* (717).
- Trichosteleum permixtum* Card. MAD(40).
- Trichosteleum perrotii* (Ren. & Card.) Ren. & Card. MAD(40), MAU(105).
- Trichosteleum perrotii* var. *eurydictyon* Ren. & Card. MAD(40).
- Trichosteleum pervilleanum* (C.Müll. ex Geh.) Buck ZAI(65).
- Trichosteleum pobeguinii* Par. & Broth. CAR(47), GUI(47), IVO(1880).
- Trichosteleum staudtii* Broth. CAM(47), GAB(47), IVO(1880).
- Trichosteleum staudtii* var. *densirameum* P.Varde GAB(47).
- Trichosteleum stictum* (Besch.) Kindb. SEY(40).
- Trichosteleum sublaeve* P.Varde CAR(47), IVO(1880).
- Trichosteleum subpyncocylindricum* Broth. = *Radulina borbonica* (717).
- Trichosteleum subscabrisetulum* (C.Müll.) Jaeg.

- COM(40).  
*Trichosteleum subulatulum* (C.Müll.) Jaeg. COM(40),RWA(65),ZAI(65).  
*Trichosteleum tisserantii* P.Varde CAR(47), IVO(1880).  
*Trichosteleum trachypyxis* (Geh.) Ren. & Card. MAD(40).  
*Trichosteleum usambaricum* Broth. TAN(46).  
*Trichostomum acutiusculum* (Broth.) Zander TAN(46).  
*Trichostomum ayresianum* Besch. MAU(105).  
*Trichostomum borbonicum* Een REU(105).  
*Trichostomum brachydontium* Bruch ANG(46), BOT(1531),CBS(1531),CAP(1296),CAR(47), ERI(50),GUI(47),IVO(1458),KEN(46,411), LES(1531),MAD(40),MAL(67,411),MOZ(46), NAM(1531),NAT(1531),NIG(334),OFS(1531), REU(105),SWA(1531),TAN(46),TRV(1531), ZAM(62),ZIM(46,61).  
*Trichostomum brachydontium* ssp. *mutabile* (Bruch) Giac. REU(105).  
*Trichostomum calymeraceum* Broth. & Par. GUI(47).  
*Trichostomum cardotii* Biz. = *T. borbonicum* (1420).  
*Trichostomum circinatulum* Broth. in Voeltzk. = *Pseudosymblepharis circinata* (1420).  
*Trichostomum circinatum* (Besch.) Broth. = *Oxystegus cylindricus* (Brid.) Hilp (1521) (= *Trichostomum tenuirostre*).  
*Trichostomum crispulum* Bruch CAP(1296), DJI(1569),STH(1296),TAN(46).  
*Trichostomum decurvifolium* Par. & Broth. = *T. brachydontium* (1158).  
*Trichostomum distans* Hampe in C.Müll. ETH(50).  
*Trichostomum flavescens* Dix. ZAI(65).  
*Trichostomum fragilifolium* Dix. KEN(46), TAN(46).  
*Trichostomum incertum* (Mitt.)Zander ROD(105).  
*Trichostomum ligulaefolium* (Broth. & Par.) Zander CAR(47),GUI(47),TOG(1878).  
*Trichostomum lorifolium* Broth. & Par. CAR(47), GUI(47),NIG(334),TAN(46),ZAI(65).  
*Trichostomum mutabile* Bruch = *T. brachydontium* var. *mutabile* (1420).  
*Trichostomum muticum* Par. ROD(105).  
*Trichostomum pennequinii* Ren. & Par. MAD(40).  
*Trichostomum perplexum* P.Varde CAR(47).  
*Trichostomum perrieri* Thér. MAD(40).  
*Trichostomum platyphyllum* (Broth. ex Ihs.) Chen MAD(40).  
*Trichostomum pulicare* (Besch.)Zander COM(40).  
*Trichostomum rhodesiae* Broth. ZIM(46,61).  
*Trichostomum ruvenzorense* (Broth.) Broth. KEN(46),TAN(46),UGA(46),ZAI(65).  
*Trichostomum soulae* (C.Müll. in Ren. & Card.) Zander MAD(40).  
*Trichostomum sparsifolium* (Ren. & Card.) Card. = *T. brachydontium* (1158) (as *Barbula sparsifolia* Ren. & Card.)  
*Trichostomum sporophyllum* (Ren. & Card.)Card. MAD(40).  
*Trichostomum subintegrum* (Broth.) Broth. UGA(46).  
*Trichostomum tenuirostre* (Hedw. & Tayl.)Lindb. ANG(46),CAM(47),CBS(1531),COM(40), LES(1531),MAD(40),MAL(67),MAU(105), NAT(1531), OFS(1531), REU(105), RWA(65,46),TAN(46),UGA(46),ZAI(65), ZAM(62).  
*Trichostomum trirete* Dix. ZAI(65).  
*Trichostomum unguiculatum* (Mitt.) Zander CBS(1531),ZIM(61).  
*Trichostomum usambaricum* (Broth.) Broth. CAM(47),TAN(46).  
*Trichostomum villaumei* Thér. MAD(40).  
*Triquetrella tristicha* (C.Müll.)C.Müll. CBS(1531), ETH(50),LES(1531),OFS(1531),TRV(1531).  
*Trismegistia rigidicaulis* (Broth.)Broth. CAM(47).  
*Tristichium mirabile* (C.Müll.)Herz. KEN(146), LES(146,1531),NAT(1531),TAN(146).  
*Ulea welwitschii* (Duby) Broth. = *Rhachithecium welwitschii* (1420).  
*Ulota ecklonii* (Hornsch.) Jaeg. CBS(1531).  
*Ulota fulva* Brid. MAD(40),MAU(105),REU(105).  
*Ulota tanganyikae* P.Varde TAN(46).  
*Vesicularia albo-viridis* (Ren.)Broth. MAU(105).  
*Vesicularia albo-viridis* var. *rufula* (Ren. & Card.) Card. MAD(40).  
*Vesicularia angustifolia* Dix. ZAI(65).  
*Vesicularia annobonensis* Broth. in Mildbr., *nom. nud.* ANN(47).  
*Vesicularia ayresii* (Besch.) Broth. MAD(40), MAU(105).  
*Vesicularia bescherellei* (Ren.)Broth. MAU(105).  
*Vesicularia codonopyxis* (C.Müll.) Broth. FER(47).  
*Vesicularia combae* (Ren. & Card.) Broth. MAD(40).  
*Vesicularia crassiramea* (Ren. & Card.) Broth. COM(40),MAD(40).

- Vesicularia crassiramea* var. *laxifolia* (Ren. & Card.) Card. MAD(40).
- Vesicularia densiramea* Broth., *nom. nud.* UGA(46).
- Vesicularia fonticola* P.Varde GAB(47).
- Vesicularia galerulata* (Duby.) Broth. ANG(46), CAM(47), CBS(1531), COM(40), DIE(40), GAB(47), IVO(63,1880), MAD(40), MAU(105), NAT(1531), NIG(334), REU(105), SWA(1531), TAN(46), TRV(1531), UGA(46), ZAI(65), ZAM(62), ZIM(61).
- Vesicularia galerulata* var. *subpiligera* (Ren. & Par.) Wijk & Marg. MAD(40).
- Vesicularia glaucissima* (C.Müll.) Broth. COM(40).
- Vesicularia glaucula* (Broth.) Broth. CAM(47), CAR(47), CON(47), GAB(47), IVO(1880), SAO(47), TOG(1878), ZAI(65).
- Vesicularia golungensis* (Welw. & Duby) Broth. ANG(46).
- Vesicularia hapalyptera* (C.Müll.) Broth. GAB(47).
- Vesicularia hygrobium* (Besch.) Broth. MAD(40), MAS(40).
- Vesicularia immunda* (Ren.) Card. MAD(40).
- Vesicularia ischyropteris* (Broth.) C.Müll. CAM(47), CAR(47), GAB(47), GHA(47), TOG(1878).
- Vesicularia latiramea* Broth. CAR(47), GAB(47), IVO(1880), TAN(46).
- Vesicularia lepervanchei* (Besch.) Broth. COM(40), REU(105).
- Vesicularia longo-fluitans* (Broth.) Broth. CAM(47).
- Vesicularia longo-fluitans* var. *latifolia* P.Varde CAR(47).
- Vesicularia mayumbensis* (Besch.) Broth. CAM(47), CAR(47), CON(47), GAB(47), GUI(47).
- Vesicularia montagnei* (Bel.) Broth. DIE(40).
- Vesicularia nigeriana* Broth. & Par. CAR(47), MAI(47), TAN(46), UGA(46), ZAI(65).
- Vesicularia oreadelphus* (Broth.) Broth. CAM(47), CAR(47), CON(47), GAB(47), GUI(47), IVO(47), RWA(65), TAN(46), ZAI(65).
- Vesicularia oreadelphus* var. *glaucoviridis* (Broth.) Par. IVO(47).
- Vesicularia oreadelphus* var. *sulphurea-flava* (Broth.) Broth. CAM(47).
- Vesicularia perpallida* (Broth.) Broth. CAM(47), ZAI(65).
- Vesicularia rodriguezii* (Ren. & Card.) Broth. REU(105).
- Vesicularia rootii* (Par. & Broth.) Broth. MAI(47).
- Vesicularia sarcoblata* (Broth.) Broth. CAM(47), CAR(47).
- Vesicularia scaturigina* (Brid.) Broth. FER(47), NIG(47), PRI(47), REU(105), ROD(105).
- Vesicularia sigmangia* (Broth.) Broth. CAM(47), RWA(65).
- Vesicularia soyauxii* (C.Müll.) Broth. CON(47), GAB(47).
- Vesicularia sphaerocarpa* (Jaeg.) Broth. ZAI(65).
- Vesicularia strephomischos* (Welw. & Duby) Broth. ANG(46).
- Vesicularia subenervis* (Mitt.) Broth. ROD(105).
- Vesicularia subsarcoblata* (Broth.) Broth. CAM(47).
- Vesicularia subsphaerica* (C.Müll.) Broth. REU(105).
- Vesicularia tenaci-inserta* (C.Müll.) Broth. CAR(47), CON(47), GAB(47), IVO(1880).
- Vesicularia tenuatipes* (C.Müll.) Broth. CAR(47), GAB(47), IVO(1880), NIG(47).
- Vesicularia terrestris* (C.Müll.) Broth. FER(47).
- Vesicularia thollonii* (Besch.) Broth. CON(47).
- Vittia pachyloma* (Mont.) Ochyra CBS(1531), NAT(1531), TRV(1531).
- Warburgiella adhaerens* (Besch.) Broth. REU(105).
- Warburgiella leptorrhyncha* (Jaeg.) Broth. KEN(46), MAD(40), MAU(105), REU(105), TAN(46), ZAI(65).
- Wardia hygrometrica* Harv. & Hook. CBS(1531).
- Warnstorfia exannulata* var. *exannulata* (BS&G) Loeske KEN(46), RWA(65), ZAI(65).
- Warnstorfia fluitans* var. *fluitans* (Hedw.) Loeske FER(47), RWA(65,46), UGA(46).
- Webera cavifolia* Bruch. & Schimp. ex Par., *nom. nud. in sched.* See note under *Pohlia* sp.
- Webera lacouturei* Thér. = *Pohlia lacouturei* (See "New Combinations").
- Webera philibertii* Par., *nom. nud.* See note under *Pohlia* sp.
- Weisiopsis involuta* Magill BOT(1531), NAM(1531).
- Weisiopsis nigeriana* (Egun. & Olar.) Zander TAN(46), ZAM(46).
- Weisiopsis plicata* (Mitt.) Broth. MAD(40), TAN(46), TRV(1531), ZAM(62), ZIM(46,61).



- Weisiopsis pulchritretis* Dix. NAT(1531).  
*Weissia artocosana* Zander SOC(40,1626).  
*Weissia ayresii* Schimp. in Besch. MAD(40), MAU(105), REU(105), RWA(65).  
*Weissia bizotii* Zander TAN(46).  
*Weissia brachypelma* C.Müll. KEN(46).  
*Weissia brachypoma* Townsend TAN(46).  
*Weissia controversa* var. *controversa* Hedw. CBS(1531), KEN(46), LES(1531), NAT(1531), NIG(334), OFS(1531), REU(105), TAN(46), TRV(1531), UGA(46), ZIM(46).  
*Weissia controversa* var. *gymnostoma* (Dix.) Sainsb. TAN(46).  
*Weissia controversa* var. *macrophylla* (Thér. & P.Varde) Wijk & Marg. KEN(46).  
*Weissia cucullata* C.Müll. CBS(1531).  
*Weissia dieterlenii* Thér. CBS(1531), LES(1531), OFS(1531).  
*Weissia humicola* C.Müll. CBS(1531), TAN(46), ZIM(46).  
*Weissia kilimandscharica* Broth., *nom. nud.* TAN(46).  
*Weissia latiuscula* C.Müll. CBS(1531), MOZ(46), NAM(1531), NAT(1531), TRV(1531), ZAM(62), ZIM(46,61).  
*Weissia lineaeifolia* C.Müll. CAR(47).  
*Weissia opaca* (Dix.) Magill in Magill & Schelpe TAN(46), ZAM(62), ZIM(46,61).  
*Weissia papillosa* Dix. & Nav. ANG(46), ZAI(65).  
*Weissia ricciae* Brid. REU(105).  
*Weissia rutilans* (Hedw.) Lindb. ETH(50).  
*Weissia socotrana* Mitt. ETH(50), KEN(46), SOC(40), ZIM(46).  
*Weissia unguiculata* (Mitt.) Crundw. & Nyh. CAR(47), MAL(67), TAN(46), ZAM(62).  
*Wijkia albescens* (Thér. & P.Varde) Crum CAR(47), GAB(47).  
*Wijkia bessonii* (Ren. & Card.) Crum MAD(40).  
*Wijkia cuynetii* (Biz.) Schultze-Motel CAM(47), IVO(44), KEN(46), TAN(46).  
*Wijkia jungneri* (Broth.) Crum BUR(65), CAM(47), GAB(47), IVO(1880), TAN(46), ZAI(65).  
*Wijkia le-testui* (Thér. & P.Varde) Crum GAB(47).  
*Wijkia madagassa* (Thér.) Crum MAD(40).  
*Wijkia protensa* (Ren. & Card.) Crum REU(105).  
*Wijkia rutenbergii* (C.Müll.) Crum MAD(40), TAN(46).  
*Wijkia rutenbergii* var. *eflagellaris* (Card.) Crum MAD(40).  
*Wijkia trichocolea* (C.Müll.) Crum GAB(47), KEN(46), LES(1531), MOZ(46), RWA(65), TAN(46), TOG(1878), TRV(1531), UGA(46), ZAI(65), ZAM(62), ZIM(46).  
*Wijkia trichocolea* ssp. *subintegrifolia* (Thér. & P.Varde) Crum GAB(47).  
*Wijkia trichocoleoides* (C.Müll.) Crum CAM(47), KEN(46), RWA(65), SAO(47), TAN(46), ZAI(65).  
*Wijkiella kenya* Bizot & Lewinsky KEN(46).  
*Wilsoniella crispidens* C.Müll. ex Broth. CAM(47).  
*Zelometeorium ambiguum* (Hornsch. in Mart.) Manuel ZAI(1890).  
*Zygodon barbulooides* Broth. ex Malta TAN(46).  
*Zygodon bolleanus* C.Müll. Excluded. Wijk *et al* (1521) say this is probably an *Anoetangium* (presumably indeterminate).  
*Zygodon conoideus* var. *latifolius* Brid. MAU(105).  
*Zygodon dioicus* Broth. RWA(65), TAN(46), ZAI(65).  
*Zygodon dixonii* Sim NAT(1531).  
*Zygodon erosus* Mitt. KEN(46), NAT(1531), TAN(46), TRV(1531), ZAI(65).  
*Zygodon erosus* var. *circinatifolius* Thér. & Nav. ZAI(65).  
*Zygodon gemmaceus* Dix. UGA(46).  
*Zygodon hirsutus* Negri UGA(46).  
*Zygodon intermedius* BS&G CAM(47), KEN(46,136), REU(758), RWA(65), TAN(46), UGA(46), ZAI(65), ZAM(62).  
*Zygodon intermedius* var. *dusenii* Malta CAM(47).  
*Zygodon intermedius* var. *strictifolius* Thér. RWA(65), UGA(46), ZAI(65).  
*Zygodon johnstonii* Broth. ex Malta TAN(46).  
*Zygodon laxifolius* Thér. MAD(40).  
*Zygodon leptobolax* C.Müll. CBS(1531), NAT(1531), TRV(1531).  
*Zygodon leptocarpus* Thér. MAD(40).  
*Zygodon microtheca* Dix. ex Malta KEN(46), RWA(65), TAN(46), UGA(46), ZAI(65).  
*Zygodon obtusifolius* Hook. ZAI(65).  
*Zygodon pungens* C.Müll. TAN(46).  
*Zygodon reinwardtii* (Hornsch.) Braun KEN(46), MAD(40), REU(105), TAN(46), UGA(46), ZAI(65).  
*Zygodon reinwardtii* var. *madacassus* Card. MAD(40).  
*Zygodon reinwardtii* var. *ruwenzorensis* (Thér. & Nav.) Demar. ZAI(65).  
*Zygodon robustus* Broth. ex Malta TAN(46).  
*Zygodon roccatii* Negri RWA(65), UGA(46).

- Zygodon roccatii* var. *diffusus* Negri UGA(46). (28) Richards *et al.* 1968  
*Zygodon runcinatus* C.Müll. CBS(1531), TAN(46). (30) Snider 1975  
*Zygodon schimperi* Hampe ex C.Müll. ETH(50). (32) Touw 1976  
*Zygodon semitortus* Mitt. CAM(47), ZAI(65). (40) Crosby *et al.* 1983  
*Zygodon seriatus* Thér. & Nav. ETH(50), KEN(46), (44) Frahm 1984  
RWA(46,65), TAN(46), UGA(46), ZAI(65). (46) Kis 1985  
*Zygodon trichomitrius* Hook. & Wils. CBS(1531), (47) Schultze-Motel 1975  
NAT(1531), TAN(46), TRV(1531), ZIM(61). (50) Cufodontis 1951  
*Zygodon trichomitrius* var. *mildbraedii* Broth. (51) Jelenc 1955.  
RWA(65), TAN(46), UGA(46), ZAI(65) (52) Jelenc 1967  
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### Acknowledgements

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 Ochrya (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.

### References

Use this table to translate the numeric references given in the text of this paper to the 'author + year' equivalent. The alphabetic list of references follows the table.

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| (15) | De Sloover 1983 | (105) | Een 1993b                  |
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## Appendix A - Country Abbreviations

There are 68 countries, part-countries or islands on the list.

Abb	Full name	Group/Index Muscorum zone
ALD	Aldabra	Africa-3
AMI	Amirante Islands	Africa-3
ANG	Angola	Africa-2
ANN	Annobon Is.	Equatorial Guinea
ASC	Ascension Is.	Africa-2
BEN	Benin	Africa-2
BOT	Botswana	Africa-4
BUF	Burkina Faso	Africa-2
BUR	Burundi	Africa-2
CAB	Cabinda	Angola
CAM	Cameroon	Africa-2
CBS	Cape (of Good Hope)	South Africa
CAP	Cape Verde	Africa-2
CAR	Central African Rep.	Africa-2
CHA	Chad	Africa-2
CHG	Chagos Archipelago	Africa-3
COM	Comoros	Africa-3
CON	Congo	Africa-2
DIE	Diego Garcia	Africa-3
DJI	Djibouti	Africa-2
EGU	Equatorial Guinea	Africa-2
ERI	Eritrea	Africa-2
ETH	Ethiopia	Africa-2
FER	Fernando Po (Bioko)	Equatorial Guinea
GAB	Gabon	Africa-2
GAM	Gambia	Senegambia
GHA	Ghana	Africa-2
GUB	Guinea Bissau	Africa-2
GUI	Guinea	Africa-2
IVO	Ivory Coast	Africa-2
KEN	Kenya	Africa-2

LES	Lesotho	Africa-4
LIB	Liberia	Africa-2
MAD	Madagascar	Africa-3
MAL	Malawi	Africa-2
MAI	Mali	Africa-2
MAS	Mascarene Islands	Africa-3
MAU	Mauritius	Mascarenes
MOZ	Mozambique	Africa-2
NAM	Namibia	Africa-4
NAT	Natal	South Africa
NIR	Niger	Africa-2
NIG	Nigeria	Africa-2
OFS	Orange Free State	South Africa
PRI	Principe	Africa-2
REU	Reunion	Mascarenes
RIM	Rio Muni	Equatorial Guinea
ROD	Rodrigues	Mascarenes
RWA	Rwanda	Africa-2
SAF	South Africa	Africa-4
SAO	Sao Tome	Africa-2
SEN	Senegal	Senegambia
SEG	Senegambia	Africa-2
SEY	Seychelles	Africa-3
SIL	Sierra Leone	Africa-2
SOC	Socotra	Africa-2
SOM	Somalia	Africa-2
PAU	Sao Paulo	Africa-2
STH	St. Helena	Africa-2
SUD	Sudan	Africa-2
SWA	Swaziland	Africa-4
TAN	Tanzania	Africa-2
TOG	Togo	Africa-2
TRV	Transvaal	South Africa
UGA	Uganda	Africa-2
ZAI	Zaire	Africa-2
ZAM	Zambia	Africa-2
ZIM	Zimbabwe	Africa-2

*Sphagnum*

#### **Andreaeaceae**

*Andreaea*

#### **Polytrichaceae**

*Atrichum*

*Oligotrichum*

*Pogonatum*

*Polytrichastrum*

*Polytrichum*

#### **Archidiaceae**

*Archidium*

#### **Funariaceae**

*Cygnicollum*

*Entosthodon*

*Funaria*

*Goniomitrium*

*Loiseaubryum*

*Physcomitrella*

*Physcomitrellopsis*

*Physcomitrium*

#### **Gigaspermaceae**

*Chamaebryum*

*Gigaspermum*

*Oedipodiella*

#### **Ephemeraceae**

*Ephemerum*

#### **Splachnaceae**

*Brachymitrium*

*Splachnum*

*Tayloria*

*Tetraplodon*

#### **Splachnobryaceae**

*Splachnobryum*

#### **Orthotrichaceae**

*Amphidium*

*Cardotiella*

*Groutiella*

*Kleioweisiopsis*

*Leiomitrium*

*Leptodontiopsis*

*Macrocoma*

*Macromitrium*

### **Appendix B - Family Placement**

There are 75 families and 353 genera on the checklist. Family placement is based on Crosby & Magill (ref. 1752), and family sequence on Vitt (1593) with later amendments from Buck & Ireland (719), Buck & Vitt (175), Buck (715) and Whittemore and Allen (1341).

#### **Sphagnaceae**

*Orthotrichum*  
*Schlotheimia*  
*Stoneobryum*  
*Ulota*  
*Zygodon*

**Erpodiaceae**

*Aulacopilum*  
*Erpodium*

**Rhachithecaceae**

*Jonesiobryum*  
*Rhachithecium*  
*Tisserantiella*

**Bryaceae**

*Anomobryum*  
*Brachymenium*  
*Bryum*  
*Epipterygium*  
*Leptobryum*  
*Mielichhoferia*  
*Mniobryum*  
*Orthodontium*  
*Plagiobryum*  
*Pohlia*  
*Pseudopohlia*  
*Rhodobryum*  
*Schizymenium*

**Mniaceae**

*Plagiomnium*

**Bartramiaceae**

*Anacolia*  
*Bartramia*  
*Breutelia*  
*Conostomum*  
*Flowersia*  
*Leiomela*  
*Philonotis*  
*Plagiopus*  
*Quathlamba*

**Aulacomniaceae**

*Aulacomnium*

**Meesiaceae**

*Meesia*

**Rhizogoniaceae**

*Leptotheca*  
*Pyrrhobryum*

**Racopilaceae**

*Racopilum*

**Hypopterygiaceae**

*Hypopterygium*  
*Lopidium*

**Buxbaumiaceae**

*Diphyscium*

**Encalyptaceae**

*Encalypta*

**Pottiaceae**

*Acaulon*  
*Aloina*  
*Anoectangium*  
*Astomum*  
*Barbula*  
*Bellibarbula*  
*Bryoceuthospora*  
*Bryoerythrophyllum*  
*Chenia*  
*Crossidium*  
*Didymodon*  
*Eucladium*  
*Gymnostomiella*  
*Gymnostomum*  
*Hennediella*  
*Husnotiella*  
*Hymenostomum*  
*Hymenostylium*  
*Hyophila*  
*Hypodontium*  
*Leptodontium*  
*Microbryum*  
*Molendoa*  
*Phascum*  
*Pleurochaete*  
*Pottia*  
*Pseudocrossidium*  
*Pseudosymblepharis*  
*Pterygoneurum*  
*Scopelophila*  
*Streptopogon*  
*Syntrichia*

*Tetrapterum*  
*Timmiella*  
*Tortella*  
*Tortula*  
*Trachycarpidium*  
*Trichostomum*  
*Triquetrella*  
*Weisiopsis*  
*Weissia*

#### **Cinclidotaceae**

*Cinclidotus*

#### **Serpotortellaceae**

*Serpotortella*

#### **Calymperaceae**

*Calymperes*  
*Calymperopsis*  
*Chameleion*  
*Leucophanes*  
*Mitthyridium*  
*Octoblepharum*  
*Syrrhopodon*

#### **Bryobartramiaceae**

*Bryobartramia*

#### **Dicranaceae**

*Anisothecium*  
*Aongstroemia*  
*Aongstroemiopsis*  
*Atractyllocarpus*  
*Brothera*  
*Bruchia*  
*Bryohumbertia*  
*Bryotestua*  
*Campylopus*  
*Chorisodontium*  
*Cladophascum*  
*Cynodontium*  
*Dicranella*  
*Dicranodontium*  
*Dicranoloma*  
*Dicranoweisia*  
*Dicranum*  
*Holomitrium*  
*Leucoloma*  
*Microcampylopus*  
*Microdus*

*Ochrobryum*  
*Oreoweisia*  
*Paraleucobryum*  
*Pilopogon*  
*Pocsiella*  
*Pseudephemerum*  
*Rhabdoweisia*  
*Sphaerothecium*  
*Symblepharis*  
*Wilsoniella*

#### **Leucobryaceae**

*Leucobryum*

#### **Ditrichaceae**

*Astomiopsis*  
*Ceratodon*  
*Cheilothela*  
*Distichium*  
*Ditrichum*  
*Eccremidium*  
*Garckea*  
*Pleuridium*  
*Saelania*  
*Trematodon*  
*Tristichium*

#### **Eustichiaceae**

*Eustichia*

#### **Phyllodrepaniaceae**

*Phyllodrepanium*

#### **Nanobryaceae**

*Nanobryum*

#### **Fissidentaceae**

*Fissidens*  
*Moenkemeyera*

#### **Seligeriaceae**

*Blindia*  
*Brachydontium*

#### **Ptychomitriaceae**

*Ptychomitriopsis*  
*Ptychomitrium*

#### **Grimmiaceae**

*Grimmia*

*Leucoperichaetium*  
*Racomitrium*  
*Schistidium*

**Fontinalaceae**

*Fontinalis*

**Echinodiaceae**

*Isothecium*

**Thuidiaceae**

*Haplocladium*  
*Pelekium*  
*Rauiella*  
*Thuidium*  
*Trachyphyllum*

**Rigodiaceae**

*Rigodium*

**Leskeaceae**

*Hylocomiopsis*  
*Leptopterigynandrum*  
*Leskea*  
*Leskeella*  
*Lindbergia*  
*Pseudoleskea*  
*Pseudoleskeopsis*

**Rhytidiaceae**

*Chryso-hypnum*  
*Gollania*  
*Rhytidium*

**Amblystegiaceae**

*Amblystegium*  
*Campyliadelphus*  
*Campylium*  
*Cratoneuron*  
*Drepanocladus*  
*Hygrohypnum*  
*Sanionia*  
*Sarmentypnum*  
*Warnstorfia*

**Vitaceae**

*Vittia*

**Lembophyllaceae**

*Camptochaete*  
*Orthostichella*

**Stereophyllaceae**

*Entodontopsis*  
*Juratzkaea*  
*Stereophyllum*

**Fabroniaceae**

*Anacamptodon*  
*Campylodontium*  
*Dimerodontium*  
*Fabronia*  
*Ischyrodon*  
*Leptoischyrodon*  
*Levierella*  
*Rhizofabronia*  
*Schwetschkea*

**Brachytheciaceae**

*Aerolindigia*  
*Brachythecium*  
*Eurhynchiella*  
*Eurhynchium*  
*Homalothecium*  
*Kindbergia*  
*Oxyrrhynchium*  
*Palamocladium*  
*Platyhypnidium*  
*Pseudoscleropodium*  
*Rhynchostegiella*  
*Rhynchostegium*  
*Schimperella*  
*Scorpiurium*  
*Stenocarpidiopsis*

**Myriniaceae**

*Helicodontium*

**Regmatodontaceae**

*Regmatodon*

**Entodontaceae**

*Entodon*  
*Erythrodonium*  
*Mesonodon*  
*Pylaisiobryum*

**Sematophyllaceae**

*Acanthorrhynchium*  
*Acroporium*  
*Clastobryella*  
*Clastobryophilum*



*Donnellia*  
*Gammiella*  
*Glossadelphus*  
*Heterophyllum*  
*Macrohymenium*  
*Meiotheciopsis*  
*Meiothecium*  
*Potamium*  
*Radulina*  
*Rhaphidorrhynchium*  
*Rhaphidostichum*  
*Sematophyllum*  
*Taxithelium*  
*Trichosteleum*  
*Trismegistia*  
*Warburgiella*  
*Wijkia*  
*Wijkiella*

#### **Hylocomiaceae**

*Hylocomium*  
*Leptohymenium*

#### **Catagoniaceae**

*Catagonium*

#### **Plagiotheciaceae**

*Plagiothecium*

#### **Hypnaceae**

*Bryosedgwickia*  
*Ctenidium*  
*Ectropothecium*  
*Entodontella*  
*Herzogiella*  
*Hypnum*  
*Isopterygium*  
*Mittenothamnium*  
*Pylaisiella*  
*Rhacopilopsis*  
*Taxiphyllum*  
*Trachythecium*  
*Vesicularia*

#### **Neckeraceae**

*Himantocladium*  
*Homalia*  
*Homaliodendron*  
*Neckera*  
*Neckeropsis*

*Pilotrichum*  
*Pinnatella*  
*Porothamnium*  
*Porotrichum*  
*Thamnobryum*

#### **Cryphaeaceae**

*Cryphaea*  
*Schoenobryum*

#### **Leptodontaceae**

*Caduciella*  
*Cryptoleptodon*  
*Forsstroemia*  
*Leptodon*

#### **Anomodontaceae**

*Haplohymenium*  
*Herpetineuron*

#### **Hedwigiaceae**

*Braunia*  
*Hedwigia*  
*Hedwigidium*

#### **Leucodontaceae**

*Antitrichia*  
*Leucodon*  
*Pterogonium*

#### **Ptychomniaceae**

*Ptychomnion*

#### **Wardiaceae**

*Wardia*

#### **Rhacocarpaceae**

*Rhacocarpus*

#### **Rutenbergiaceae**

*Neorutenbergia*  
*Rutenbergia*

#### **Prionodontaceae**

*Prionodon*

#### **Phyllogoniaceae**

*Phyllogonium*

#### **Pterobryaceae**

*Calypothecium*  
*Henicodium*  
*Hildebrandtiella*  
*Jaegerina*  
*Orthostichidium*  
*Orthostichopsis*  
*Pterobryon*  
*Pterobryopsis*  
*Renauldia*

**Trachypodaceae**

*Trachypodopsis*  
*Trachypus*

**Meteoriaceae**

*Aerobryidium*  
*Aerobryopsis*  
*Barbella*  
*Floribundaria*  
*Lindigia*  
*Papillaria*  
*Pilotrichella*  
*Squamidium*  
*Zelometeorium*

**Symphyodontaceae**

*Symphyodon*

**Hookeriaceae**

*Actinodontium*  
*Callicostella*  
*Chaetomitrium*  
*Cyclodictyon*  
*Hookeria*  
*Hookeriopsis*  
*Hypnella*  
*Lepidopilidium*  
*Lepidopilum*  
*Leucomium*  
*Sauloma*

**Daltoniaceae**

*Adelothecium*  
*Calypstrochaeta*  
*Cyathophorella*  
*Daltonia*  
*Distichophyllidium*  
*Distichophyllum*



