

Check-list of the mosses of SE Europe

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Received: December 17, 2007 ▷ Accepted: April 04, 2008

Abstract. The first compilation list of mosses from Southeast Europe is presented. Up to date, the region of Southeast Europe includes 899 species or ca. 69.45% of the total moss flora of Europe. Thus the total number of bryophyte species in the region is 1171. The countries with richest moss flora are Romania and Slovenia. The level of knowledge on mosses occurring in each of the Southeast European countries is different and some regions and subregions stand out as extremely poorly known. The number of moss species is expected to increase with further investigations within the region of Southeast Europe.

Key words: by-country distribution, check-list, mosses, Southeast Europe

Introduction

Southeast Europe (SE Europe) is one of the regions with the richest flora in Europe. Two of the six European biodiversity centres are within the region (IUCN 1987). Its geographical position at a crossroad of biogeographic influences, relief with various climatic types, and different bedrock types precondition high biodiversity within a relatively small area. Sabovljević & Natcheva (2006) have already summarized the diversity of the hepatic flora, comprising 272 species. It is estimated that the number of both hepatic and moss species will reach ca. 1500, with

a total number of about 2000 taxa, including infraspecific taxa (Sabovljević & al. 2001). However, the bryophyte flora of SE Europe still remains less well known as compared to the other regions of Europe (Sabovljević 2004a). The reasons are discussed in Sabovljević & Natcheva (2006).

Data on bryophyte flora of SE Europe are scattered and often difficult to access. Some of the SE European countries have recent national checklists for bryophytes, e.g. Albania (Colacino & Sabovljević 2006), Bulgaria (Natcheva & Ganeva 2005), Croatia (Sabovljević 2006b), Greece (Düll 1995), R Macedonia (Cekova 2005), Romania (Dihoru 1994; Mi-

hai & al. 1998; Mohan 1998), Serbia and Montenegro (Sabovljević & Stevanović 1999; Dragičević & Veljić 2006), and Slovenia (Martinčić 2003). Considering that in groups of good dispersers like bryophytes, regional approach is the most appropriate, equally for biodiversity studies and for conservation, a comprehensive list of the species occurring in the entire region is greatly needed. Here is presented the second part of the checklist of the bryophytes of SE Europe dealing with the mosses in the region.

Methods

Study area

In the present study, SE Europe is treated in a political sense, comprising the states of Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Greece, Macedonia, Montenegro, Romania, Serbia, Slovenia, and the European part of Turkey (Fig. 1). Thus, it covers an area greater than the Balkan Peninsula, which is defined as the land south of the rivers Krka, Sava and the Danube.

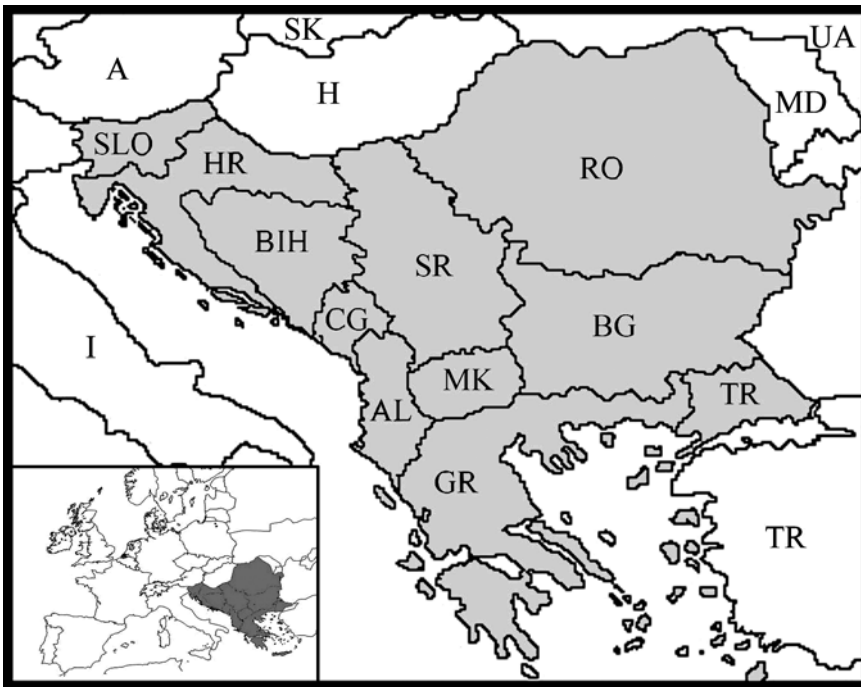


Fig. 1. SE Europe and its position in Europe.

Country abbreviations: A – Austria; AL – Albania; BG – Bulgaria; BIH – Bosnia-Herzegovina; CG (MNE) – Montenegro; GR – Greece; H – Hungary; HR – Croatia; I – Italy; MD – Moldova; MK – R Macedonia; RO – Romania; SR (SRB) – Serbia; TR – Turkey; UA – Ukraine.

Species listing

An intensive search through the published records on the mosses in SE Europe has been carried out. Data from some unpublished recent collections have also been included. The list presents by-country distribution of the moss species in SE Europe, allowing a quick reference to the general distribution of each species as well as to the total species diversity of each country. Extensive list of references will not be presented due to space limitation but the major references, which include most of the old records and some recent references will be given, with new records not cited by others (Pavletić 1955; Henderson 1961; Walther 1967; Mavrommatis 1972; Hébrard 1975; Petrov 1975; Athanasiadis 1977; Düll 1984, 1985, 1995; Preston 1984; Giannitsaros & Koumpli-Sovantzi 1990; Blockeel 1991, 2001; Dihoru 1994, 2004; Yayıntaş & Tonguç 1994, 1996; Ganeva 1995; Turland & Wilson 1995; Blom 1996; Yayıntaş & al. 1996; Gallego & Cano 1998; Kučera 1998; Mihai & al. 1998; Mohan 1998; Papp 1998, 2002, 2003; Papp & al. 1998, 1999, 2002, 2004, 2006a, b; Blockeel & al. 1999, 2000, 2002, 2003, 2004, 2006, 2007; Düll & al. 1999; Ganeva & Natcheva 1999, 2003; Sabovljević & Stevanović 1999, 2000a, b, 2006; Sabovljević & al., 1999, 2004, in press; Jakab 2000; Plămadă & al. 2000; Sabovljević 2000, 2002, 2003a, b, 2004b, 2006a, b; Papp & Sabovljević 2001, 2002, 2003; Sabovljević & Cvetić 2001, 2003; Veljić & al. 2001; Balint & Orban 2003; Ganeva & Gecheva 2002; Lüth 2002a, b, 2003, 2007; Maier 2002; Pócs & al. 2002, 2004; Sabovljević & Sérgio 2002; Tsakiri & Babalonas 2002; Lara & al. 2003; Martinčić 2003; Orban & Sass-Gyarmati 2003; Uyar & Çetin 2004; Cekova 2005; Cvetić & Sabovljević 2005; Kürschner & Erdağ 2005; Natcheva 2005, 2007; Natcheva & Ganeva 2005, 2007; Papp & Erzberger 2005, in press a, b; Tsakiri & al. 2005, 2006; Colacino & Sabovljević 2006; Erzberger 2006; Hedderson & Blockeel 2006; Parent & De Zuttere 2006; Erzberger & Papp 2007).

Nomenclature

The nomenclature follows Hill & al. (2006), with the exception of the following taxa, which are considered to be good species: *Fissidens exiguus*, *F. incurvus*, *F. kosaninii*, *F. pallidicaulis*, *Hypnum lacunosum*, *H. resupinatum*, *Phascum piliferum*, *Syntrichia laevipiliformis*, *S. pagorum*, *S. ruraliformis*, and *Tortella densa*. A list of synonyms found in older sources is provided, with reference to the currently accepted names (Appendix 1).

The following taxa are of doubtful status or occurrence and need to be mentioned:

Encalypta serbica Katić was described from Central Serbia (Kopaonik Mt., Katić 1906). The taxon has been searched for in the *locus classicus*, and attempts have been made to locate type material in all major European herbaria, but the efforts have failed. Therefore, this taxon is not included in the present list. Its taxonomic status is not clear and its population is presumably extinct as it has not been seen since 1906.

Funaria maiereana Copp. was reported from Peloponnesus, Greece (Achaia, near Mt Mega Spilaion; Coppey 1907) and to our knowledge was never mentioned afterwards.

There is one record of the insufficiently known African taxon *Dicranoweisia africana* Dixon recorded from Greece, and one doubtful record of *Dichelyma capillaceum* from Greece (Ionian Islands: Corfu; Mazziari 1951 in Preston 1984). Also, its presence in Romania is uncertain. Furthermore, many of the records of *Sphagnum recurvum* have to be revised, otherwise it is impossible to determine to which taxon of the complex they belong.

Results and discussion

The present checklist includes 899 species reported from SE Europe (Table 1). Thus the total number of bryophyte (i.e. hepatics and mosses) species in the region is 1171. The moss flora of SE Europe comprises 69.45% of the total moss flora of Europe and Macaronesia. The number of moss species falls within the range of moss diversity found in the other major European peninsulas – the Iberian (811 species, Sérgio & al. 2006), the Apen-

nines (863 species, Cortini-Pedrotti 2006), and Scandinavia (834 species, Hallingbäck & al. 2006). A similar pattern is seen also in hepatics, although the total number of moss species in SE Europe is slightly higher, whereas the number of hepatics is slightly lower as compared to the other major peninsulas (cf. Sabovljević & Natcheva 2006). A detailed analysis of the SE European bryophyte flora will be presented elsewhere.

At national level, the countries with the richest floras are Romania (749) followed by Slovenia (640), Bulgaria (577), Serbia (556), Greece (525), Montenegro (491), Croatia (475), Bosnia-Herzegovina (462), R Macedonia (345), Albania (219), and European Turkey (217). As seen from the list of hepatics (Sabovljević & Natcheva 2006), similarly, the large differences in moss species numbers among the different countries (ranging from 217 up to 749) only partly reflect the real differences in species diversity. Comparing the number of species in relation to surface area, the richest country is Montenegro with 491 species. A hundred and twenty species are known in only one of the 11 SE European countries, while 86 are recorded in only two of them. These species are prime contenders for a regional red list at a later stage of bryological investigation in the region. The differences in the species numbers also indicate that the countries differ in the state of knowledge of their moss floras. Especially underestimated is the number of species e.g. in Albania, R Macedonia, and the European part of Turkey. A greater number of local experts and better cooperation among the bryologists from the SE European countries are needed for the improvement of our knowledge at a national and regional level.

A hundred and fifty-seven moss species occurring within the region of SE Europe are of European conservational interest (ECCB 1995; Sabovljević & al. 2001). For good dispersers such as bryophytes, regional approach to conservation is the most appropriate with respect to actual protection and resource efficiency. In this context, more detailed knowledge of the distribution of species within each country of SE Europe is required in order to evaluate the actual threats and to set targets for moss conservation at regional level. A detailed check-list is the first step towards the achievement of these goals.

Table 1. Check-list of the mosses of SE Europe. Abbreviations (see Fig. 1).

Symbols: C-No – number of countries where a species is present; ? – presence uncertain; * – species in the *European Red List* (ECCB 1995).

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
1.	<i>Abietinella abietina</i> (Hedw.) M. Fleisch.		+	+	+	+	+	+	+	+	+		9
2.	<i>Acaulon mediterraneum</i> Limpr.				+	+		+					3
3.	<i>A. muticum</i> (Hedw.) Müll. Hal.		+	+	+	+		+	+	+		+	8
4.	<i>A. piligerum</i> (De Not.) Limpr.*					+			+?				2
5.	<i>A. triquetrum</i> (Spruce) Müll. Hal.		+		+	+		+	+			+	6
6.	<i>Aloina aloides</i> (Koch ex Schulz) Kindb.				+	+	+	+		+	+		6
7.	<i>A. ambigua</i> (Bruch & Schimp.) Limpr.	+	+	+	+	+		+	+	+	+		9
8.	<i>A. brevirostris</i> (Hook & Grev.) Kindb.				+								1
9.	<i>A. obliquifolia</i> (Müll. Hal.) Broth.										+		1
10.	<i>A. rigida</i> (Hedw.) Limpr.		+	+	+	+		+	+	+	+		8
11.	<i>Amblyodon dealbatus</i> (Hedw.) P. Beauv.		+				+		+	+			4
12.	<i>Amblystegium confervoides</i> (Brid.) Schimp.		+	+	+	+	+	+	+	+	+	+	10
13.	<i>A. radicale</i> (P. Beauv.) Schimp.*			+		+			+	+	+		5
14.	<i>A. serpens</i> (Hedw.) Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
15.	<i>A. subtile</i> (Hedw.) Schimp.	+	+	+	+	+	+	+	+	+	+		10
16.	<i>Amphidium lapponicum</i> (Hedw.) Schimp.		+	+				+?	+	+	+		6
17.	<i>A. mougeotii</i> (Schimp.) Schimp.		+	+	+	+		+	+	+	+		8
18.	<i>Anacamptodon splachnoides</i> (Froel. ex Brid.) Brid.*								+	+	+		3
19.	<i>Andreaea alpestris</i> (Thed.) Schimp.		+						+				2
20.	<i>A. frigida</i> Huebener*								+				1
21.	<i>A. nivalis</i> Hook.								+	+			2
22.	<i>A. obovata</i> Thed.								+				1
23.	<i>A. rothii</i> F. Weber & D. Mohr								+	+	+		3
24.	<i>A. rupestris</i> Hedw.		+	+		+	+	+	+	+	+		8
25.	<i>Anoetangium aestivum</i> (Hedw.) Mitt.								+				1
26.	<i>Anomobryum concinatum</i> (Spruce) Lindb.			+						+			2
27.	<i>A. julaceum</i> (Schrad. ex P. Gaertn. & al.) Schimp.				+			+	+	+	+		5
28.	<i>Anomodon attenuatus</i> (Hedw.) Huebener	+	+	+	+	+	+	+	+	+	+		10
29.	<i>A. longifolius</i> (Schleich. ex Brid.) Hartm.	+	+	+	+	+		+	+	+	+		9
30.	<i>A. rostratus</i> (Hedw.) Schimp.*		+						+	+	+		4
31.	<i>A. rugelii</i> (Müll. Hal.) Keissl.		+			+	+	+	+	+			6
32.	<i>A. tristis</i> (Ces.) Sull. & Lesq.*								+				1
33.	<i>A. viticulosus</i> (Hedw.) Hook. & Taylor	+	+	+	+	+	+	+	+	+	+	+	11
34.	<i>Antitrichia californica</i> Sull.				+		+						2
35.	<i>A. curtipendula</i> (Hedw.) Brid.	+	+	+	+	+	+	+	+	+	+	+	11
36.	<i>Archidium alternifolium</i> (Hedw.) Mitt.			+	+	+		+	+	+		+	7
37.	<i>Arctoa fulvella</i> (Dicks.) Bruch & Schimp.								+				1
38.	<i>A. hyperborea</i> (Gunnerus ex Dicks.) Bruch & Schimp.								+				1
39.	<i>Aschisma carniolicum</i> (F. Weber & D. Mohr) Lindb.*					+				+			2
40.	<i>Atrichum angustatum</i> (Brid.) Bruch & Schimp.		+	+	+	+	+	+	+	+	+	+	10
41.	<i>A. flavisetum</i> Mitt.		+	+		+			+	+			5
42.	<i>A. tenellum</i> (Röhl.) Bruch & Schimp.		+	+		+	+	+	+	+	+		8
43.	<i>A. undulatum</i> (Hedw.) P. Beauv.		+	+	+	+	+	+	+	+	+	+	10
44.	<i>Aulacomnium androgynum</i> (Hedw.) Schwägr.		+	+	+	+			+		+		6
45.	<i>A. palustre</i> (Hedw.) Schwägr.		+	+	+	+	+	+	+	+	+		9
46.	<i>A. turgidum</i> (Wahlenb.) Schwägr.							+	+				2
47.	<i>Barbula bicolor</i> (Bruch & Schimp.) Lindb.*									+			1
48.	<i>B. bolleana</i> (Müll. Hal.) Broth.				+	+							2
49.	<i>B. convoluta</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
50.	<i>B. crocea</i> (Brid.) F. Weber & D. Mohr		+	+	+	+		+	+	+	+		7

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
155.	<i>C. saxicola</i> (F. Weber & D. Mohr) Bruch & Schimp.*					+			+	+			3
156.	<i>Catoscopium nigratum</i> (Hedw.) Brid.						+		+	+			3
157.	<i>Ceratodon conicus</i> (Hampe) Lindb.		+		+	+		+	+				5
158.	<i>C. purpureus</i> (Hedw.) Brid.	+	+	+	+	+	+	+	+	+	+	+	11
159.	<i>Cheilothela chloropus</i> (Brid.) Broth	+	+	+	+	+					+	+	6
160.	<i>Cinclidium stygium</i> Sw.								+				1
161.	<i>Cinclidotus aquaticus</i> (Hedw.) Bruch & Schimp.	+	+	+	+	+	+	+	+	+	+		10
162.	<i>C. confertus</i> Lüth				+								1
163.	<i>C. danubicus</i> Schiffn. & Baumgartner					+							1
164.	<i>C. fontinaloides</i> (Hedw.) P. Beauv.	+	+	+	+	+	+	+	+	+	+	+	11
165.	<i>C. pachylomoides</i> Bizot*				+								1
166.	<i>C. riparius</i> (Host ex Brid.) Arn.	+	+	+	+	+	+	+	+	+	+		10
167.	<i>Cirriphyllum crassinervium</i> (Taylor) Loeske & M. Fleisch.	+	+	+	+	+	+	+	+	+	+	+	11
168.	<i>C. piliferum</i> (Hedw.) Grout		+	+		+		+	+	+	+		7
169.	<i>Cleistocarpidium palustre</i> (Bruch & Schimp.) Ochyra & Bednarek-Ochyra*					+				+			2
170.	<i>Climacium dendroides</i> (Hedw.) F. Weber & D. Mohr		+	+	+	+	+	+	+	+	+		9
171.	<i>Cnestrum schistii</i> (F. Weber & D. Mohr) I. Hagen								+	+			2
172.	<i>Conardia compacta</i> (Drumm. ex Müll. Hal.) H. Rob.				+				+	+	+		4
173.	<i>Conostomum tetragonum</i> (Hedw.) Lindb.								+				1
174.	<i>Coscinodon cribrerosus</i> (Hedw.) Spruce	+	+	+	+		+		+	+	+		8
175.	<i>Cratoneuron curvicaule</i> (Jur.) G. Roth				+				+				2
176.	<i>C. filicinum</i> (Hedw.) Spruce	+	+	+	+	+	+	+	+	+	+	+	11
177.	<i>Crossidium crassinerve</i> (De Not.) Jur.		+		+						+		2
178.	<i>C. laxefilamentosum</i> W. Frey & Kürschner								+		+		2
179.	<i>C. squamiferum</i> (Viv.) Jur.	+	+	+	+	+	+	+	+	+	+		10
180.	<i>Cryphaea heteromalla</i> (Hedw.) D. Mohr				+	+		+	+	+			5
181.	<i>Ctenidium molluscum</i> (Hedw.) Mitt.	+	+	+	+	+	+	+	+	+	+	+	11
182.	<i>Cynodontium bruntonii</i> (Sm.) Bruch & Schimp.		+	+	+		+		+	+	+		7
183.	<i>C. fallax</i> Limpr.		+						+	+			3
184.	<i>C. gracilescens</i> (F. Weber & D. Mohr) Schimp.								+		+		2
185.	<i>C. polycarpon</i> (Hedw.) Schimp.		+	+		+	+	+	+	+	+		8
186.	<i>C. strumiferum</i> (Hedw.) Lindb.		+						+	+	+		4
187.	<i>C. tenellum</i> (Schimp.) Limpr.			+					+	+	+		4
188.	<i>Cyrtomnium hymenophylloides</i> (Huebener) T.J. Kop.			+			+	+	+	+	+		6
189.	<i>Dialytrichia mucronata</i> (Brid.) Broth.	+	+	+	+	+	+	+		+			8
190.	<i>Dichelyma capillaceum</i> (L. ex Dicks.) Myrin*				+				+	?			2
191.	<i>D. falcatum</i> (Hedw.) Myrin		+						+				2
192.	<i>Dichodontium flavescens</i> (Dicks.) Lindb.								+	+			2
193.	<i>D. palustre</i> (Dicks.) M. Stech		+		+	+	+		+	+	+		7
194.	<i>D. pellucidum</i> (Hedw.) Schimp.	+	+	+	+	+	+	+	+	+	+		10
195.	<i>Dicranella cerviculata</i> (Hedw.) Schimp.		+	+			+		+	+	+		6
196.	<i>D. crispa</i> (Hedw.) Schimp.								+	+			2
197.	<i>D. grevilleana</i> (Brid.) Schimp.							+	+		+		3
198.	<i>D. heteromalla</i> (Hedw.) Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
199.	<i>D. howei</i> Renaud & Cardot			+	+	+		+				+	5
200.	<i>D. humilis</i> R. Ruthe*		+					+	+	+	+		5
201.	<i>D. rufescens</i> (Dicks.) Schimp.		+		+	+	+		+	+	+	+	9
202.	<i>D. schreberiana</i> (Hedw.) Dixon		+	+	+	+			+	+	+		7
203.	<i>D. staphylina</i> H. Whitehouse		+								+		2
204.	<i>D. subulata</i> (Hedw.) Schimp.		+	+	+	+	+		+	+	+		8
205.	<i>D. varia</i> (Hedw.) Schimp.	+	+	+	+	+		+	+	+	+	+	10

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
258.	<i>Ditrichum flexicaule</i> (Schwägr.) Hampe	+	+	+	+	+	+	+	+	+	+	+	11
259.	<i>D. gracile</i> (Mitt.) Kuntze		+	+				+	+	+	+		6
260.	<i>D. heteromallum</i> (Hedw.) E. Britton		+	+		+	+	+	+	+	+		8
261.	<i>D. lineare</i> (Sw.) Lindb.		+						+	+			3
262.	<i>D. pallidum</i> (Hedw.) Hampe		+	+		+			+	+	+		6
263.	<i>D. pusillum</i> (Hedw.) Hampe		+	+	+	+		+	+	+	+	+	9
264.	<i>D. subulatum</i> Hampe				+			+	+		+		4
265.	<i>D. zonatum</i> (Brid.) Kindb.		+										1
266.	<i>Drepanocladus aduncus</i> (Hedw.) Warnst.	+	+	+	+	+	+	+	+	+	+	+	11
267.	<i>D. longifolius</i> (Mitt.) Paris		+						+				2
268.	<i>D. polygamus</i> (Schimp.) Hedenäs		+					+	+	+	+		5
269.	<i>D. sendtneri</i> (Schimp ex H. Müll.) Warnst.*		+	+					+	+	+		5
270.	<i>Encalypta affinis</i> R. Hedw.			+				+	+	+	+		5
271.	<i>E. alpina</i> Sm.	+	+		+		+	+	+	+	+		8
272.	<i>E. ciliata</i> Hedw.	+	+	+	+	+	+	+	+	+	+		10
273.	<i>E. longicolla</i> Bruch*									+			1
274.	<i>E. microstoma</i> Bals.-Criv. & De Not.*		+								+		2
275.	<i>E. mutica</i> I. Hagen*								+				1
276.	<i>E. rhapsocarpa</i> Schwägr.	+	+	+	+	+	+	+	+	+	+		10
277.	<i>E. spathulata</i> Müll. Hal.				+		+		+		+		4
278.	<i>E. streptocarpa</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
279.	<i>E. vulgaris</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
280.	<i>Entodon cladorrhizans</i> (Hedw.) Müll. Hall*								+				1
281.	<i>E. concinnus</i> (De Not.) Paris		+	+		+		+	+	+	+		7
282.	<i>E. schleicheri</i> (Schimp.) Demet.			+		+			+	+			4
283.	<i>Entosthodon attenuatus</i> (Dicks.) Bryhn.				+	+		+			+		4
284.	<i>E. convexus</i> (Spruce) Brugués				+						+		2
285.	<i>E. durieui</i> Mont.*				+								1
286.	<i>E. fascicularis</i> (Hedw.) Müll. Hal.		+	+	+	+	+		+	+	+		8
287.	<i>E. hungaricus</i> (Boros) Loeske*				+				+		+		3
288.	<i>E. muhlenbergii</i> (Turner) Fife	+	+	+	+	+	+	+	+	+	+		10
289.	<i>E. obtusus</i> (Hedw.) Lindb.				+	+		+	+	+	+		6
290.	<i>E. pulchellus</i> (H. Philib.) Brugués	+		+	+			+		+	+		6
291.	<i>Ephemerum cohaerens</i> (Hedw.) Hampe*					+			+	+			3
292.	<i>E. minutissimum</i> Lindb.							+					1
293.	<i>E. recurvifolium</i> (Dicks.) Boulay*		+		+	+		+	+				5
294.	<i>E. serratum</i> (Hedw.) Hampe		+		+	+		+	+	+	+		7
295.	<i>E. sessile</i> (Bruch) Müll. Hal.*				+			+					2
296.	<i>E. stellatum</i> H. Philib.*											+	1
297.	<i>Epipterygium tozeri</i> (Grev.) Lindb.				+			+				+	3
298.	<i>Eucladium verticillatum</i> (With.) Bruch & Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
299.	<i>Eurhynchiastrum pulchellum</i> (Hedw.) Ignatov & Huttunen	+	+	+	+	+	+	+	+	+	+		10
300.	<i>Eurhynchium angustirete</i> (Broth.) T.J. Kop.		+	+	+	+	+	+	+	+	+		9
301.	<i>E. striatum</i> (Hedw.) Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
302.	<i>Fabronia ciliaris</i> (Brid.) Brid.		+						+	+			3
303.	<i>F. pusilla</i> Raddi		+		+	+	+	+	+	+			7
304.	<i>Fissidens adianthoides</i> Hedw.		+	+	+	+	+		+	+	+	+	9
305.	<i>F. arnoldii</i> R. Ruthe		+			+			+				3
306.	<i>F. bryoides</i> Hedw.*	+	+	+	+	+	+	+	+	+	+	+	11
307.	<i>F. crassipes</i> Wilson ex Bruch & Schimp.		+	+	+	+		+	+	+	+		8
308.	<i>F. crispus</i> Mont.			+	+	+		+	+	+	+	+	8
309.	<i>F. curvatus</i> Hornsch.*		+		+	+		+					4

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
362.	<i>G. ramondii</i> (Lam. & DC.) Margad.		+	+	+	+	+	+	+		+		8
363.	<i>G. reflexidens</i> Müll. Hal.*		+				+		+		+		4
364.	<i>G. teretinervis</i> Limpr.*		+						+	+			3
365.	<i>G. tergestina</i> Tomm. ex Bruch & Schimp.	+	+	+	+	+	+	+	+	+	+		10
366.	<i>G. torquata</i> Drumm.		+		+				+		+		4
367.	<i>G. trichophylla</i> Grev.		+	+	+	+	+	+	+	+	+	+	10
368.	<i>G. unicolor</i> Hook.		+	+					+		+		4
369.	<i>Gymnostomum aeruginosum</i> Sm.	+	+	+	+	+	+	+	+	+	+	+	11
370.	<i>G. calcareum</i> Nees & Hornsch.	+	+	+	+	+	+	+	+	+	+	+	11
371.	<i>G. lanceolatum</i> M. J. Cano, Ros & J. Guerra				+	+							2
372.	<i>G. viridulum</i> Brid.	+	+	+	+	+			+	+			7
373.	<i>Gyroweisia reflexa</i> (Brid.) Schimp.*				+	+	+						3
374.	<i>G. tenuis</i> (Hedw.) Schimp.				+	+		+	+	+	+	+	7
375.	<i>Habrodon perpusillus</i> (De Not.) Lindb.	+			+	+		+	+	+	+		7
376.	<i>Hamatocaulis vernicosus</i> (Mitt.) Hedenäs*		+	+		+	+	+	+	+	+		8
377.	<i>Haplocladium angustifolium</i> (Hampe & Müll. Hal.) Broth.*					+			+	+			3
378.	<i>H. microphyllum</i> (Hedw.) Broth.*					+							1
379.	<i>H. virginianum</i> (Brid.) Broth.*			+					+	+			3
380.	<i>Hedwigia ciliata</i> (Hedw.) P. Beauv.		+	+	+	+	+		+	+	+	+	9
381.	<i>H. stellata</i> Hedenäs		+		+							+	3
382.	<i>Helodium blandowii</i> (E. Weber & D. Mohr) Warnst.		+	+					+				3
383.	<i>Henmediella heimii</i> (Hedw.) R.H. Zander			+					+	+	+		4
384.	<i>H. stafordensis</i> (Steere) Blockeel				+								1
385.	<i>Herzogiella seligeri</i> (Brid.) Z. Iwats.	+	+	+	+	+	+	+	+	+	+		10
386.	<i>H. striatella</i> (Brid.) Z. Iwats.								+	+			2
387.	<i>Heterocladium dimorphum</i> (Brid.) Schimp.		+	+	+	+	+	+	+	+	+		9
388.	<i>H. heteropterum</i> (Brid.) Schimp.		+	+		+			+	+	+		6
389.	<i>Heterophyllum affine</i> (Hook.) M. Fleisch.*								+				1
390.	<i>Hilpertia velenovskyi</i> (Schiffn.) R.H. Zander*		+						+		+		3
391.	<i>Homalia lusitanica</i> Schimp.				+	+		+					3
392.	<i>H. trichomanoides</i> (Hedw.) Brid.		+	+	+	+	+		+	+	+		8
393.	<i>H. webbiana</i> (Mont.) Schimp.*							+	+				2
394.	<i>Homalothecium aureum</i> (Spruce) H. Rob.	+	+		+	+					+	+	6
395.	<i>H. lutescens</i> (Hedw.) H. Rob.	+	+	+	+	+	+	+	+	+	+	+	11
396.	<i>H. philippeanum</i> (Spruce) Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
397.	<i>H. sericeum</i> (Hedw.) Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
398.	<i>Homomallium incurvatum</i> (Schrader ex Brid.) Loeske		+	+	+	+	+	+	+	+	+		9
399.	<i>Hookeria lucens</i> (Hedw.) Sm.			+		+			+	+	+		5
400.	<i>Hygroamblystegium fluviatile</i> (Hedw.) Loeske		+	+	+		+	+	+	+	+		8
401.	<i>H. humile</i> (P. Beauv.) Vanderp., Goffinet & Hedenäs		+	+	+				+	+	+	+	7
402.	<i>H. tenax</i> (Hedw.) Jenn.		+	+	+	+	+	+	+	+	+		9
403.	<i>H. varium</i> (Hedw.) Mönk.	+	+	+	+	+	+	+	+	+	+		10
404.	<i>Hygrohypnum alpestre</i> (Hedw.) Loeske								+				1
405.	<i>H. alpinum</i> (Lindb.) Loeske								+				1
406.	<i>H. cochlearifolium</i> (Venturi) Broth.								+				1
407.	<i>H. duriusculum</i> (De Not.) D.W. Jamieson		+					+	+	+	+		5
408.	<i>H. eugyrium</i> (Schimp.) Broth.			+	+			+	+	+			5
409.	<i>H. luridum</i> (Hedw.) Jenn.	+	+	+	+	+	+	+	+	+	+	+	11
410.	<i>H. molle</i> (Hedw.) Loeske						+		+	+	+		4
411.	<i>H. norvegicum</i> (Schimp.) J.J. Amann*		+										1
412.	<i>H. ochraceum</i> (Turner. ex Wilson) Loeske			+				+	+	+			4
413.	<i>H. smithii</i> (Sw.) Broth.		+						+				2

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
466.	<i>M. floerkeanum</i> (F. Weber & D. Mohr) Schimp.*		+			+			+				3
467.	<i>M. rectum</i> (With.) R.H. Zander				+	+		+					3
468.	<i>M. starkeanum</i> (Hedw.) R.H. Zander		+		+	+	+	+	+	+			7
469.	<i>Micromitrium tenerum</i> (Bruch & Schimp.) Crosby*							+					1
470.	<i>Mielichhoferia mielichhoferiana</i> (Funck) Loeske		+							+			2
471.	<i>Mnium blyttii</i> Bruch & Schimp.		+						+				2
472.	<i>M. hornum</i> Hedw.			+	+	+		+	+	+	+	+	8
473.	<i>M. lycopodioides</i> Schwägr.		+	+	+	+	+	+	+	+	+		9
474.	<i>M. marginatum</i> (Dicks.) P. Beauv.		+	+	+	+	+	+	+	+	+		9
475.	<i>M. spinosum</i> (Voit) Schwägr.		+	+	+		+	+	+	+	+		8
476.	<i>M. spinulosum</i> Bruch & Schimp.			+		+	+	+	+	+	+		7
477.	<i>M. stellare</i> Hedw.	+	+	+	+	+	+	+	+	+	+		10
478.	<i>M. thomsonii</i> Schimp.	+	+	+	+	+	+	+	+	+	+		10
479.	<i>Molendoa hornschuchiana</i> (Hook.) Lindb. ex Limpr.*							+					1
480.	<i>M. sendtneriana</i> (Bruch & Schimp.) Limpr.								+	+	+		3
481.	<i>M. tenuinervis</i> Limpr.*								+				1
482.	<i>Myrnia pulvinata</i> (Wahlenb.) Schimp.								+				1
483.	<i>Myurella julacea</i> (Schwägr.) Schimp.	+	+	+	+	+	+	+	+	+	+		10
484.	<i>M. sibirica</i> (Müll. Hal.) Reimers*			+						+			2
485.	<i>M. tenerrima</i> (Brid.) Lindb.			+				+		+			3
486.	<i>Neckera besseri</i> (Lobarz.) Jur.	+	+	+	+	+	+	+	+	+	+		10
487.	<i>N. cephalonica</i> Jur. & Unger*	+			+								2
488.	<i>N. complanata</i> (Hedw.) Huebener	+	+	+	+	+	+	+	+	+	+	+	11
489.	<i>N. crispa</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
490.	<i>N. menziesii</i> Drumm.		+	+	+	+	+	+	+		+		8
491.	<i>N. pennata</i> Hedw.*		+	+	+	+	+	+	+	+	+		9
492.	<i>N. pumila</i> Hedw.		+	+	+	+		+	+	+			7
493.	<i>Oligotrichum hercynicum</i> (Hedw.) Lam. & DC.		+	+			+		+	+	+		6
494.	<i>Oncophorus dendrophilus</i> T.A. Hedderson & T.L. Blockeel				+								1
495.	<i>O. virens</i> (Hedw.) Brid.		+	+		+	+	+	+	+	+		8
496.	<i>O. wahlenbergii</i> Brid.				+				+				2
497.	<i>Orthothecium intricatum</i> (Hartm.) Schimp.		+	+	+	+	+	+	+	+	+		9
498.	<i>O. rufescens</i> (Dicks. ex Brid.) Schimp.	+	+	+	+	+	+	+	+	+	+		10
499.	<i>O. strictum</i> Lorentz								+				1
500.	<i>Orthotrichum acuminatum</i> H. Philib.			+	+	+							3
501.	<i>O. affine</i> Schrad. ex Brid.	+	+	+	+	+	+	+	+	+	+	+	11
502.	<i>O. alpestre</i> Bruch & Schimp.			+	+		+	+	+				5
503.	<i>O. anomalum</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
504.	<i>O. cupulatum</i> Hoffm. ex Brid.	+	+	+	+	+	+	+	+	+	+	+	11
505.	<i>O. diaphanum</i> Schrad. ex Brid.	+	+	+	+	+	+	+	+	+	+	+	11
506.	<i>O. gymnostomum</i> Bruch ex Brid.*		+						+	+			3
507.	<i>O. hispanicum</i> F. Lara, Garilleti & Mazimpaka				+								1
508.	<i>O. lyellii</i> Hook. & Taylor		+		+	+	+	+	+	+	+	+	9
509.	<i>O. macrocephalum</i> F. Lara, Garilleti & Mazimpaka				+								1
510.	<i>O. microcarpum</i> De Not.*					+				+		+	3
511.	<i>O. obtusifolium</i> Brid.		+	+	+	+	+		+	+	+		8
512.	<i>O. pallens</i> Bruch ex Brid.		+	+	+	+	+	+	+	+	+	+	10
513.	<i>O. patens</i> Bruch ex Brid.*		+	+	+	+	+	+	+	+	+		9
514.	<i>O. philibertii</i> Venturi*				+				+		+		3
515.	<i>O. pulchellum</i> Brunt.				+				+	+	+		4
516.	<i>O. pumilum</i> Sw. ex anon.		+	+	+	+	+	+	+	+	+	+	10
517.	<i>O. rivulare</i> Turner				+		+		+				3

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
518.	<i>O. rogeri</i> Brid.*				+				+				2
519.	<i>O. rupestre</i> Schleich. ex Schwägr.		+	+	+	+	+	+	+	+	+	+	10
520.	<i>O. scanicum</i> Groenvall*		+	+	+	+			+	+	+		7
521.	<i>O. schimperi</i> Hammar			+	+	+			+	+	+		6
522.	<i>O. shawii</i> Wilson	+			+								2
523.	<i>O. speciosum</i> Nees	+	+	+	+	+	+	+	+	+	+	+	11
524.	<i>O. stellatum</i> Brid.*		+	+		+			+	+	+		6
525.	<i>O. stramineum</i> Hornsch. ex Brid.	+	+	+	+	+	+	+	+	+	+	+	11
526.	<i>O. striatum</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
527.	<i>O. tenellum</i> Bruch ex Brid.		+		+	+			+		+		5
528.	<i>O. tortidontium</i> F. Lara, Garilleti & Mazimpaka				+								1
529.	<i>O. urnigerum</i> Myrin		+		+				+		+		4
530.	<i>Oxyrrhynchium hians</i> (Hedw.) Loeske	+	+	+	+	+		+	+	+	+	+	10
531.	<i>O. pumilum</i> (Wilson) Loeske	+	+	+	+	+	+	+	+	+	+	+	11
532.	<i>O. schleicheri</i> (R. Hedw.) Röhl	+	+	+	+	+	+	+	+	+	+	+	11
533.	<i>O. speciosum</i> (Brid.) Warnst.		+	+	+	+	+	+	+	+	+	+	10
534.	<i>Oxystegus tenuirostris</i> (Hook. & Taylor) A.J.E. Sm.		+		+			+	+	+	+		6
535.	<i>Palamocladium euchloron</i> (Müll. Hal.) Wijk & Margad				+								1
536.	<i>Paludella squarrosa</i> (Hedw.) Brid.							+	+				2
537.	<i>Palustriella commutata</i> (Hedw.) Ochyra	+	+	+	+	+	+	+	+	+	+	+	11
538.	<i>P. decipiens</i> (De Not.) Ochyra	+	+	+	+		+	+	+	+	+		9
539.	<i>P. falcata</i> (Brid.) Hedenäs	+	+		+			+	+	+	+		7
540.	<i>Paraleucobryum enerve</i> (Thed.) Loeske		+	+			+	+	+	+	+		7
541.	<i>P. longifolium</i> (Hedw.) Loeske	+	+	+		+	+	+	+	+	+		9
542.	<i>P. sauteri</i> (Bruch & Schimp.) Loeske*		+	+	+	+		+		+	+		7
543.	<i>Pelekium minutulum</i> (Hedw.) Touw								+	+	+		3
544.	<i>Phascum cuspidatum</i> Hedw.		+	+	+	+	+	+	+	+	+	+	10
545.	<i>P. piliferum</i> Hedw.		+		+	+	+	+	+	+	+	+	9
546.	<i>Philonotis arnellii</i> Husn.		+	+	+		+	+	+	+	+		8
547.	<i>P. caespitosa</i> Jur.		+	+	+	+	+	+	+	+	+	+	10
548.	<i>P. calcarea</i> (Bruch & Schimp.) Schimp.	+	+	+	+	+	+	+	+	+	+		10
549.	<i>P. fontana</i> (Hedw.) Brid.	+	+	+	+	+	+	+	+	+	+		10
550.	<i>P. marchica</i> (Hedw.) Brid.	+	+	+	+		+	+	+	+	+	+	10
551.	<i>P. rigida</i> Brid.		+		+		+	+	+				5
552.	<i>P. seriata</i> Mitt.	+	+	+	+		+	+	+	+	+		9
553.	<i>P. tomentella</i> Molendo		+	+	+	+	+	+	+	+	+		9
554.	<i>Physcomitrella patens</i> (Hedw.) Bruch. & Schimp.		+	+	+	+			+	+	+		7
555.	<i>Physcomitrium eurystomum</i> Sendtn.*		+						+	+			3
556.	<i>P. pyriforme</i> (Hedw.) Bruch & Schimp.		+	+	+	+		+	+	+	+		8
557.	<i>P. sphaericum</i> (C.F. Ludw. ex Schkuhr) Brid.*			+					+		+		3
558.	<i>Plagiobryum demissum</i> (Hook.) Lindb.		+				+		+	+			4
559.	<i>P. zieri</i> (Hedw.) Lindb		+	+		+	+	+	+	+	+		8
560.	<i>Plagiomnium affine</i> (Blandow ex Funck) T.J. Kop.	+	+	+	+	+	+	+	+	+	+	+	11
561.	<i>P. cuspidatum</i> (Hedw.) T.J. Kop.	+	+	+	+	+		+	+	+	+	+	10
562.	<i>P. elatum</i> (Bruch & Schimp.) T.J. Kop.		+	+	+	+		+	+	+	+		8
563.	<i>P. ellipticum</i> (Brid.) T.J. Kop.		+		+		+	+	+	+	+	+	8
564.	<i>P. medium</i> (Bruch & Schimp.) T.J. Kop.		+	+	+	+	+	+	+	+	+	+	10
565.	<i>P. rostratum</i> (Schrad.) T.J. Kop.	+	+	+	+	+	+	+	+	+	+		10
566.	<i>P. undulatum</i> (Hedw.) T.J. Kop.	+	+	+	+	+	+	+	+	+	+	+	11
567.	<i>Plagiopus oederianus</i> (Sw.) H.A. Crum. & L.E. Anderson	+	+	+	+	+	+	+	+	+	+		10
568.	<i>Plagiothecium cavifolium</i> (Brid.) Z. Iwats		+	+	+	+	+	+	+	+	+	+	10
569.	<i>P. curvifolium</i> Schlieph. ex Limpr			+	+			+	+	+	+	+	7

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
570.	<i>P. denticulatum</i> (Hedw.) Schimp.		+	+	+	+	+	+	+	+	+	+	10
571.	<i>P. laetum</i> Schimp.		+	+	+			+	+	+	+		7
572.	<i>P. latebricola</i> Schimp.								+		+		2
573.	<i>P. neckeroideum</i> Schimp.*								+	+			2
574.	<i>P. nemorale</i> (Mitt.) A. Jaeger	+	+	+	+		+	+	+	+	+	+	10
575.	<i>P. piliferum</i> (Sw.) Schimp.								+	+			2
576.	<i>P. platyphyllum</i> Mönk.		+				+	+	+	+	+	+	7
577.	<i>P. succulentum</i> (Wilson) Lindb.		+	+	+				+	+	+	+	7
578.	<i>P. undulatum</i> (Hedw.) Schimp.		+	+		+			+	+	+		6
579.	<i>Plasteurhynchium meridionale</i> (Schimp.) M. Fleisch	+		+	+	+	+	+		+	+	+	9
580.	<i>P. striatulum</i> (Spruce) M. Fleisch.	+	+	+	+	+	+	+	+	+	+		10
581.	<i>Platydictya jungermannioides</i> (Brid.) H.A. Crum		+	+	+	+		+	+	+			7
582.	<i>Platygyrium repens</i> (Brid.) Schimp.		+	+	+	+			+	+	+	+	8
583.	<i>Platyhypnidium lustranicum</i> (Schimp.) Ochyra & Bednarek-Ochyra	+											1
584.	<i>P. riparioides</i> (Hedw.) Dixon	+	+	+	+	+	+	+	+	+	+	+	11
585.	<i>Pleuridium acuminatum</i> Lindb.		+	+	+	+	+		+	+	+	+	9
586.	<i>P. subulatum</i> (Hedw.) Rabenh.		+	+	+	+		+	+	+	+	+	9
587.	<i>Pleurochaete squarrosa</i> (Brid.) Lindb.	+	+	+	+	+	+	+	+	+	+	+	11
588.	<i>Pleurozium schreberi</i> (Willd. ex Brid.) Mitt.	+	+	+	+	+	+	+	+	+	+	+	11
589.	<i>Pogonatum aloides</i> (Hedw.) P. Beauv.		+	+	+	+	+	+	+	+	+	+	10
590.	<i>P. nanum</i> (Hedw.) P. Beauv.		+	+	+	+	+		+	+	+	+	9
591.	<i>P. urnigerum</i> (Hedw.) P. Beauv.		+	+	+	+	+	+	+	+	+		9
592.	<i>Pohlia andalusica</i> (Höhn.) Broth.							+	+		+		2
593.	<i>P. annotina</i> (Hedw.) Lindb.		+	+	+			+	+	+	+	+	7
594.	<i>P. atropurpurea</i> (Wahlenb.) H. Lindb.*	+							+				2
595.	<i>P. bulbifera</i> (Warnst.) Warnst.					+			+	+	+		4
596.	<i>P. camptotrachela</i> (Renauld & Cardot) Broth.			+				+	+		+		3
597.	<i>P. cruda</i> (Hedw.) Lindb.	+	+	+	+	+	+	+	+	+	+	+	10
598.	<i>P. drummondii</i> (Müll. Hal.) A.L. Andrews		+	+			+	+	+	+	+		7
599.	<i>P. elongata</i> Hedw.		+	+	+	+	+	+	+	+	+		9
600.	<i>P. filum</i> (Schimp.) Martensson		+				+	+	+				4
601.	<i>P. lescuriana</i> (Sull.) Ochi								+	+	+		3
602.	<i>P. longicolla</i> (Hedw.) Lindb.		+		+			+	+	+	+		6
603.	<i>P. ludwigii</i> (Spreng. ex Schwägr.) Broth.				+				+	+	+		4
604.	<i>P. lutescens</i> (Limpr.) H. Lindb.		+							+	+		3
605.	<i>P. melanodon</i> (Brid.) A.J. Shaw		+	+	+	+	+	+	+	+	+	+	10
606.	<i>P. nutans</i> (Hedw.) Lindb.		+	+	+	+	+	+	+	+	+		9
607.	<i>P. obtusifolia</i> (Vill. ex Brid.) L.F. Koch		+						+	+			3
608.	<i>P. prolifera</i> (Kindb.) Lindb. ex Broth.		+					+	+	+			3
609.	<i>P. sphagnicola</i> (Bruch & Schimp.) Broth.								+				1
610.	<i>P. vexans</i> (Limpr.) H. Lindb.*									+			1
611.	<i>P. wahlenbergii</i> (F. Web. & D. Mohr) A.L. Andrews	+	+	+	+	+	+	+	+	+	+	+	11
612.	<i>Polytrichastrum alpinum</i> (Hedw.) G.L. Sm.	+	+	+	+	+	+	+	+	+	+		10
613.	<i>P. formosum</i> (Hedw.) G.L. Sm.		+	+	+	+	+	+	+	+	+	+	10
614.	<i>P. longisetum</i> (Sw. ex Brid.) G.L. Sm.		+	+	+	+	+	+	+	+	+		9
615.	<i>P. pallidisetum</i> (Funck) G.L. Sm.								+	+			2
616.	<i>P. sexangulare</i> (Brid.) G.L. Sm.		+	+	+		+		+	+			6
617.	<i>Polytrichum commune</i> Hedw.		+	+	+	+	+	+	+	+	+		9
618.	<i>P. hyperboreum</i> R. Br.								+				1
619.	<i>P. juniperinum</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
620.	<i>P. piliferum</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
621.	<i>P. strictum</i> Menzies ex Brid.		+	+	+	+	+		+	+	+		8

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
622.	<i>P. uliginosum</i> (Wallr.) Scriebl								+				1
623.	<i>Pottiopsis caespitosa</i> (Brid.) Blockeel & A.J.E. Sm.*					+			+		+		3
624.	<i>Protobryum bryoides</i> (Dicks.) J. Guerra & M.J. Cano		+		+	+	+	+	+	+	+	+	9
625.	<i>Pseudephemerum nitidum</i> (Hedw.) Loeske		+	+	+	+			+	+			6
626.	<i>Pseudobryum cinclidioides</i> (Huebener) T.J. Kop.						+		+	+	+		4
627.	<i>Pseudocalliergon lycopodioides</i> (Brid.) Hedenäs*								+	+	+		3
628.	<i>P. trifarium</i> (F. Weber & D. Mohr) Loeske		+			+		+	+	+	+		6
629.	<i>P. turgescens</i> (T. Jensen) Loeske							+		+			2
630.	<i>Pseudocrossidium hornschuchianum</i> (Schultz) R.H. Zander		+	+	+	+		+	+	+	+	+	9
631.	<i>P. obtusulum</i> (Lindb.) H.A. Crum & L. E. Anderson		+									+	2
632.	<i>P. revolutum</i> (Brid.) R.H. Zander	+	+	+	+	+		+	+	+	+	+	10
633.	<i>Pseudoleskea artariae</i> Thér.*									+			1
634.	<i>P. incurvata</i> (Hedw.) Loeske	+	+	+	+	+	+	+	+	+	+		10
635.	<i>P. patens</i> (Lindb.) Kindb.			+				+	+	+	+		5
636.	<i>P. radicata</i> (Mitt.) Macoun & Kindb.	+	+		+		+	+	+	+	+		8
637.	<i>P. saviana</i> (De Not.) Latzel*	+	+	+	+	+	+	+	+	+	+		10
638.	<i>Pseudoleskeella catenulata</i> (Brid. ex Schrad.) Kindb.	+	+	+	+	+	+	+	+	+	+		10
639.	<i>P. nervosa</i> (Brid.) Nyholm		+	+	+	+	+	+	+	+	+	+	10
640.	<i>P. tectorum</i> (Funck ex Brid.) Kindb. ex Broth.		+		+				+	+	+		5
641.	<i>Pseudoscleropodium purum</i> (Hedw.) M. Fleisch.	+	+	+	+	+	+	+	+	+	+	+	11
642.	<i>Pseudotaxiphyllum elegans</i> (Brid.) Z. Iwats.		+	+	+	+			+	+	+		7
643.	<i>Pterigynandrum filiforme</i> Hedw.	+	+	+	+		+	+	+	+	+	+	10
644.	<i>Pterogonium gracile</i> (Hedw.) Sm.	+	+	+	+	+	+	+	+	+	+	+	11
645.	<i>Pterygoneurum compactum</i> M.J. Cano, J. Guerra & Ros		+						+		+		3
646.	<i>P. kozlovii</i> Laz.*								+				1
647.	<i>P. lamellatum</i> (Lindb.) Jur.*				+				+		+		3
648.	<i>P. ovatum</i> (Hedw.) Dixon		+	+	+	+			+	+	+		7
649.	<i>P. squamosum</i> Segarra & Kürschner								+				1
650.	<i>P. subsessile</i> (Brid.) Jur.*		+						+	+	+		4
651.	<i>Ptilium crista-castrensis</i> (Hedw.) De Not.	+	+	+	+	+	+		+	+	+		9
652.	<i>Ptychodium plicatum</i> (Schleich. ex F. Weber & D. Mohr) Schimp.	+	+	+	+	+	+	+	+	+	+		10
653.	<i>Ptychomitrium polyphyllum</i> (Dicks. ex Sw.) Bruch & Schimp			+		+				+			3
654.	<i>Pylaisia polyantha</i> (Hedw.) Schimp.		+	+	+	+		+	+	+	+	+	9
655.	<i>Pyramidula tetragona</i> (Brid.) Brid.*								+		+		2
656.	<i>Racomitrium aciculare</i> (Hedw.) Brid.		+		+	+	+	+	+	+	+		8
657.	<i>R. affine</i> (F. Weber & D. Mohr) Lindb.		+						+		+		3
658.	<i>R. aquaticum</i> (Brid. ex Schrad.) Brid.		+	+	+	+			+	+	+		7
659.	<i>R. canescens</i> (Hedw.) Brid.	+	+	+	+	+	+	+	+	+	+	+	11
660.	<i>R. elongatum</i> Ehrh. ex Frisvoll				+			+	+	+	+		5
661.	<i>R. ericoides</i> (Brid.) Brid.	+	+					+	+	+	+	+	7
662.	<i>R. fasciculare</i> (Hedw.) Brid.		+						+	+	+		4
663.	<i>R. heterostichum</i> (Hedw.) Brid.		+	+	+	+	+	+	+	+	+	+	10
664.	<i>R. lanuginosum</i> (Hedw.) Brid.		+	+	+			+	+	+	+		7
665.	<i>R. macoumii</i> Kindb.		+										1
666.	<i>R. microcarpon</i> (Hedw.) Brid.		+					+	+	+			4
667.	<i>R. sudeticum</i> (Funck) Bruch & Schimp.		+	+			+	+	+	+	+		7
668.	<i>Rhabdoweisia crenulata</i> (Mitt.) H. Jameson								+	+			2
669.	<i>R. crispata</i> (Dicks.) Lindb.		+						+	+			3
670.	<i>R. fugax</i> (Hedw.) Bruch & Schimp.		+					+	+	+	+		5
671.	<i>Rhamphidium purpuratum</i> Mitt.				+								1
672.	<i>Rhizomnium magnifolium</i> (Horik.) T.J. Kop.						+	+	+	+	+		5
673.	<i>R. pseudopunctatum</i> (Bruch & Schimp.) T.J. Kop.		+	+			+	+	+	+	+		7

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
674.	<i>R. punctatum</i> (Hedw.) T.J. Kop.	+	+	+	+	+	+	+	+	+	+	+	11
675.	<i>Rhodobryum ontariense</i> (Kindb.) Kindb.		+			+			+	+	+		5
676.	<i>R. roseum</i> (Hedw.) Limpr.		+	+	+	+	+	+	+	+	+		9
677.	<i>Rhynchostegiella curviseta</i> (Brid.) Limpr.	+	+		+	+		+	+	+	+	+	9
678.	<i>R. litorea</i> (De Not.) Limpr.	+		+	+	+		+					5
679.	<i>R. tenella</i> (Dicks.) Limpr.	+	+	+	+	+		+	+	+	+	+	10
680.	<i>R. teneriffae</i> (Mont.) Dirkse & Bouman*			+	+	+		+	+		+		6
681.	<i>R. tenuicaulis</i> (Spruce) Kartt.*		+		+				+				3
682.	<i>Rhynchostegium confertum</i> (Dicks.) Schimp.	+	+	+	+	+		+	+	+	+	+	10
683.	<i>R. megapolitanum</i> (Blandow ex F. Weber & D. Mohr) Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
684.	<i>R. murale</i> (Hedw.) Schimp.	+	+	+	+	+		+	+	+	+	+	10
685.	<i>R. rotundifolium</i> (Scop. ex Brid.) Schimp.*		+						+	+	+		4
686.	<i>Rhytidiadelphus loreus</i> (Hedw.) Warnst.		+	+		+		+	+	+	+		7
687.	<i>R. squarrosus</i> (Hedw.) Warnst.		+	+	+	+		+	+	+	+		8
688.	<i>R. subpinnatus</i> (Lindb.) T.J. Kop.			+					+	+			3
689.	<i>R. triquetrus</i> (Hedw.) Warnst.	+	+	+	+	+	+	+	+	+	+	+	10
690.	<i>Rhytidium rugosum</i> (Hedw.) Kindb.		+	+	+	+	+	+	+	+	+		9
691.	<i>Saelania glaucescens</i> (Hedw.) Broth.	+	+	+	+	+	+	+	+	+	+		10
692.	<i>Sanionia uncinata</i> (Hedw.) Loeske	+	+	+	+	+	+	+	+	+	+		10
693.	<i>Schistidium agassizii</i> Sull. & Lesq.	+	+				+	+	+	+	+		7
694.	<i>S. apocarpum</i> (Hedw.) Bruch & Schimp.	+	+	+	+	+	+	+	+	+	+	+	11
695.	<i>S. atrofusum</i> (Schimp.) Limpr.		+	+	+	+	+	+	+	+	+		9
696.	<i>S. brunnescens</i> Limpr.		+	+	+	+	+	+	+	+	+		9
697.	<i>S. confertum</i> (Funck) Bruch & Schimp.	+	+	+	+	+	+	+	+	+	+		9
698.	<i>S. crassipilum</i> H.H. Blom	+	+	+	+			+	+		+		7
699.	<i>S. dupretii</i> (Thér.) W.A. Weber				+		+		+				3
700.	<i>S. elegantulum</i> H.H. Blom	+	+	+	+	+	+	+	+		+		9
701.	<i>S. flaccidum</i> (De Not.) Ochyra		+	+	+				+	+	+		6
702.	<i>S. helveticum</i> (Schkuhr) Deguchi	+	+	+	+			+	+		+	+	8
703.	<i>S. papillosum</i> Clum.*		+		+				+	+	+		5
704.	<i>S. platyphyllum</i> (Mitt.) H. Perss.								+				1
705.	<i>S. pruinatum</i> (Wilson ex Schimp.) G. Roth.*		+								+		1
706.	<i>S. rivulare</i> (Brid.) Podp.		+	+	+	+		+	+	+	+		8
707.	<i>S. robustum</i> (Nees & Hornsch.) H.H. Blom		+		+	+		+	+	+			6
708.	<i>S. strictum</i> (Turner) Loeske ex Martensson								+	+			2
709.	<i>S. trichodon</i> (Brid.) Poelt*							+	+	+			3
710.	<i>S. umbrosum</i> (J.E. Zetterst.) H.H. Blom			+									1
711.	<i>Schistostega pennata</i> (Hedw.) F. Weber & D. Mohr								+	+			2
712.	<i>Sciuro-hypnum flotowianum</i> (Sendtn.) Ignatov & Huttunen		+	+	+				+	+	+		6
713.	<i>S. glaciale</i> (Schimp.) Ignatov & Huttunen	+	+					+	+	+			5
714.	<i>S. latifolium</i> (Kindb.) Ignatov & Huttunen		+						+	+			2
715.	<i>S. oedipodium</i> (Mitt.) Ignatov & Huttunen				+			+	+				3
716.	<i>S. ornellanum</i> (Molendo) Ignatov & Huttunen				+					+	+		3
717.	<i>S. plumosum</i> (Hedw.) Ignatov & Huttunen		+	+		+	+	+	+	+	+		8
718.	<i>S. populeum</i> (Hedw.) Ignatov & Huttunen		+	+	+	+		+	+	+	+	+	9
719.	<i>S. reflexum</i> (Starke) Ignatov & Huttunen		+	+		+		+	+	+	+		7
720.	<i>S. starkei</i> (Brid.) Ignatov & Huttunen		+	+	+	+		+	+	+	+		8
721.	<i>Scleropodium caespitans</i> (Wilson ex Müll. Hal.) L.F. Koch*				+								1
722.	<i>S. touretii</i> (Brid.) L.F. Koch	+	+	+	+	+	+	+	+	+	+	+	11
723.	<i>Scopelophila ligulata</i> (Spruce) Spruce									+			1
724.	<i>Scorpidium cossonii</i> (Schimp.) Hedenäs		+	+				+	+	+			5
725.	<i>S. revolvens</i> (Sw. ex anon.) Rubers		+				+	+	+	+			5

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
726.	<i>S. scorpioides</i> (Hedw.) Limpr.		+			+			+	+	+		5
727.	<i>Scorpiurium circinatum</i> (Brid.) M. Fleisch. & Loeske	+	+	+	+	+	+	+	+	+	+	+	11
728.	<i>S. deflexifolium</i> (Solms) M. Fleisch. & Loeske	+		+	+			+					3
729.	<i>S. sendtneri</i> (Schimp.) M. Fleisch.				+	+		+		+			3
730.	<i>Seligeria acutifolia</i> Lindb.		+		+	+			+				4
731.	<i>S. calcarea</i> (Hedw.) Bruch & Schimp.								+	+			2
732.	<i>S. calycina</i> Mitt. ex Lindb.				+						+	+	3
733.	<i>S. campylopoda</i> Kindb.*		+										1
734.	<i>S. carniolica</i> (Breidl. & Beck) Nyholm*									+	+		2
735.	<i>S. donniana</i> (Sm.) Müll. Hal.		+			+			+	+	+		5
736.	<i>S. patula</i> (Lindb.) I. Hagen*								+	+			2
737.	<i>S. pusilla</i> (Hedw.) Bruch & Schimp.		+	+	+	+		+	+	+	+		7
738.	<i>S. recurvata</i> (Hedw.) Bruch. & Schimp.		+	+	+	+		+	+	+			7
739.	<i>S. trifaria</i> (Brid.) Lindb.		+	+	+				+	+			5
740.	<i>S. trichoides</i> Kindb.*		+										1
741.	<i>Sematophyllum demissum</i> (Wilson) Mitt.*										+		1
742.	<i>S. substrumosum</i> (Hampe) E. Britton				+	+		+					3
743.	<i>Sphagnum affine</i> Renauld & Cardot								+				1
744.	<i>S. angustifolium</i> (C.E.O. Jensen ex Russow) C.E.O. Jensen		+	+	+	+			+	+	+		7
745.	<i>S. annulatum</i> H. Lindb. ex Warnst.								+				1
746.	<i>S. auriculatum</i> Schimp.		+	+	+	+		+	+	+	+		8
747.	<i>S. balticum</i> (Russow) C.E.O. Jensen					+			+				2
748.	<i>S. capillifolium</i> (Ehrh.) Hedw.		+	+	+	+	+	+	+	+	+		9
749.	<i>S. centrale</i> C.E.O. Jensen		+	+		+	+	+	+	+	+		8
750.	<i>S. compactum</i> Lam. & DC.		+			+	+		+	+			5
751.	<i>S. contortum</i> Schultz		+		+	+	+	+	+	+	+		8
752.	<i>S. cuspidatum</i> Ehrh. ex Hoffm.		+	+	+	+		+	+	+	+		8
753.	<i>S. fallax</i> (H. Klinggr.) H. Klinggr.		+	+		+		+	+	+	+		7
754.	<i>S. fimbriatum</i> Wilson		+	+		+			+	+			5
755.	<i>S. flexuosum</i> Dozy & Molk.		+	+		+		+	+	+	+		7
756.	<i>S. fuscum</i> (Schimp.) H. Klinggr.		+						+	+	+		4
757.	<i>S. girgensohnii</i> Russow		+	+		+		+	+	+	+		7
758.	<i>S. inundatum</i> Russow		+	+		+		+	+	+	+		6
759.	<i>S. jensenii</i> H. Lindb.								+				1
760.	<i>S. magellanicum</i> Brid.		+				+	+	+	+			5
761.	<i>S. majus</i> (Russow) C.E.O. Jensen								+	+			2
762.	<i>S. molle</i> Sull.						+		+		+		3
763.	<i>S. obtusum</i> Warnst.		+	?		+			+		+		4
764.	<i>S. palustre</i> L.	+	+	+	+	+	+	+	+	+	+		10
765.	<i>S. papillosum</i> Lindb.		+	+		+			+	+	+		6
766.	<i>S. platyphyllum</i> (Lindb. ex Braithw.) Warnst.		+	+			+	+	+	+	+		7
767.	<i>S. pulchrum</i> (Lindb. ex Braithw.) Warnst.								+	+			2
768.	<i>S. quinquefarium</i> (Braithw.) Warnst.		+	+		+			+	+			5
769.	<i>S. riparium</i> Ångstr.		+						+	+			3
770.	<i>S. rubellum</i> Wilson			+		+	+		+	+	+		6
771.	<i>S. russowii</i> Warnst.		+	+		+	+	+	+	+	+		7
772.	<i>S. squarrosum</i> Crome		+	+	+	+	+	+	+	+	+		9
773.	<i>S. subfulvum</i> Sjörs.		+										1
774.	<i>S. subnitens</i> Russow & Warnst.		+			+	+	+	+	+	+		7
775.	<i>S. subsecundum</i> Nees		+	+	+	+	+	+	+	+	+		9
776.	<i>S. tenellum</i> (Brid.) Pers. ex Brid.								+	+			2
777.	<i>S. teres</i> (Schimp.) Ångstr.		+		+		+		+	+	+		6

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
830.	<i>T. flexisetata</i> (Bruch) Limpr.*				+								1
831.	<i>Tomentypnum nitens</i> (Hedw.) Loeske		+	+				+	+	+	+	+	6
832.	<i>Tortella bambergi</i> (Schimp.) Broth.		+					+	+	+			4
833.	<i>T. densa</i> (Lorentz & Molendo) Crundw. & Nyholm				+				+	+	+		4
834.	<i>T. flavovirens</i> (Bruch) Broth.	+	+	+	+	+	+	+	+		+	+	10
835.	<i>T. fragilis</i> (Hook. & Wilson.) Limpr.		+	+				+	+	+	+		6
836.	<i>T. humilis</i> (Hedw.) Jenn.		+	+	+	+		+	+	+	+	+	9
837.	<i>T. inclinata</i> (R. Hedw.) Limpr.	+	+	+	+	+	+	+	+	+	+		10
838.	<i>T. inflexa</i> (Bruch) Broth.			+	+	+	+	+		+	+		7
839.	<i>T. nitida</i> (Lindb.) Broth	+	+	+	+	+	+	+	+	+	+	+	11
840.	<i>T. tortuosa</i> (Hedw.) Limpr.	+	+	+	+	+	+	+	+	+	+	+	11
841.	<i>Tortula atrovirens</i> (Sm.) Lindb.		+		+	+		+	+	+	+		7
842.	<i>T. brevissima</i> Schiffn.*										+		1
843.	<i>T. canescens</i> Mont.	+	+	+	+	+		+	+	+	+		9
844.	<i>T. cernua</i> (Huebener) Lindb.*								+	+			2
845.	<i>T. cuneifolia</i> (Dicks.) Turner	+	+		+	+		+			+		6
846.	<i>T. hoppeana</i> (Schultz) Ochyra	+	+		+			+	+	+	+		7
847.	<i>T. inermis</i> (Brid.) Mont.	+	+	+	+	+	+	+	+	+	+	+	11
848.	<i>T. israelis</i> Bizot & F. Bilevsky				+								1
849.	<i>T. lanceola</i> R. H. Zander	+	+	+	+	+		+	+	+	+	+	10
850.	<i>T. laureri</i> (Schultz.) Lindb.*									+			1
851.	<i>T. leucostoma</i> (R.Br.) Hook. & Grev.*		+				+						2
852.	<i>T. lingulata</i> Lindb.*							+					1
853.	<i>T. marginata</i> (Bruch & Schimp.) Spruce*	+	+	+	+	+		+				+	7
854.	<i>T. modica</i> R.H. Zander		+	+	+	+	+		+	+	+	+	9
855.	<i>T. mucronifolia</i> Schwägr.		+						+	+		+	4
856.	<i>T. muralis</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
857.	<i>T. obtusifolia</i> (Schwägr.) Mathieu	+	+				+	+	+			+	6
858.	<i>T. pallida</i> (Lindb.) R.H. Zander				+								1
859.	<i>T. revolvens</i> (Schimp.) G. Roth*				+								1
860.	<i>T. schimperi</i> M.J. Cano, O.Werner & J. Guerra				+			+			+		3
861.	<i>T. solmsii</i> (Schimp.) Limpr.*	+			+							+	3
862.	<i>T. subulata</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
863.	<i>T. truncata</i> (Hedw.) Mitt.		+	+	+	+		+	+	+	+	+	9
864.	<i>T. vahliana</i> (Schutz) Mont		+		+						+		3
865.	<i>T. viridifolia</i> (Mitt.) Blockeel & A.J.E. Sm.				+	+		+	+		+		5
866.	<i>T. wilsonii</i> (Hook.) R.H. Zander				+				+	?			1
867.	<i>Trematodon ambiguus</i> (Hedw.) Hornsch.		+						+	+			3
868.	<i>T. longicollis</i> Michx.*				+								1
869.	<i>Trichodon cylindricus</i> (Hedw.) Schimp.		+	+	+			+	+	+	+		7
870.	<i>Trichostomum brachydontium</i> Bruch	+	+	+	+	+	+	+	+	+	+	+	11
871.	<i>T. crispulum</i> Bruch	+	+	+	+	+	+	+	+	+	+	+	11
872.	<i>T. triumphans</i> De Not.				+	+		+					3
873.	<i>Ulota bruchii</i> Hornsch. ex Brid.			+		+			+	+	+		5
874.	<i>U. calvescens</i> Wilson										+		1
875.	<i>U. coarctata</i> (P. Beauv.) Hammar*			+		+			+	+			4
876.	<i>U. crispa</i> (Hedw.) Brid.	+	+	+		+		+	+	+	+		8
877.	<i>U. curvifolia</i> (Wahlenb.) Lilj.	+											1
878.	<i>U. hutchinsiae</i> (Sm.) Hammar		+	+		+			+	+	+		6
879.	<i>Warnstorfia exannulata</i> (Schimp.) Loeske		+	+	+	+	+	+	+	+	+		9
880.	<i>W. fluitans</i> (Hedw.) Loeske	+	+	+	+	+	+		+	+	+		9
881.	<i>W. pseudostraminea</i> (Müll. Hal.) Toum & T.J. Kop.								+	+			2

Table 1. Continuation.

No.	Species	AL	BG	BIH	GR	HR	MK	MNE	RO	SLO	SRB	TR	C-No
882.	<i>W. sarmentosa</i> (Wahlenb.) Hedenäs		+						+	+			3
883.	<i>W. tundrae</i> (Arnell) Loeske								+				1
884.	<i>Weissia brachycarpa</i> (Nees & Hornsch.) Jur.		+	+	+	+	+	+	+	+	+	+	10
885.	<i>W. condensa</i> (Voit) Lindb.	+	+	+	+	+	+	+	+	+	+	+	11
886.	<i>W. controversa</i> Hedw.	+	+	+	+	+	+	+	+	+	+	+	11
887.	<i>W. levieri</i> (Limpr.) Kindb.*		+		+	+		+	+	+	+	+	8
888.	<i>W. longifolia</i> Mitt.		+		+	+		+	+	+	+	+	8
889.	<i>W. rostellata</i> (Brid.) Lindb.*									+	+		2
890.	<i>W. rutilans</i> (Hedw.) Lindb.			+	+	+		+	+	+	+		7
891.	<i>W. squarrosa</i> (Nees & Hornsch.) Müll. Hal.*								+	+	+		3
892.	<i>W. wimmeriana</i> (Sendtn.) Bruch & Schimp.		+	+		+		+	+	+			6
893.	<i>Zygodon conoideus</i> (Dicks.) Hook & Taylor				+	?							1
894.	<i>Z. dentatus</i> (Limpr.) Kartt.*								+				1
895.	<i>Z. forsteri</i> (Dicks.) Mitt.*		+		+	+		+			+		5
896.	<i>Z. gracilis</i> Wilson*								+				1
897.	<i>Z. rupestris</i> Schimp. ex Lorentz				+			+	+	+	+	+	6
898.	<i>Z. stirtonii</i> Schimp. ex Stirt								+				1
899.	<i>Z. viridissimus</i> (Dicks.) Brid.			+	+	+	+	+	+	+			7
Total		219	576	462	525	474	345	491	749	639	555	217	

Appendix 1.

Major synonyms found in the bryological literature concerning SE Europe with reference to the currently accepted names (in bold).

Abietinella hystricosa (Mitt.) Broth. = *Abietinella abietina*
Acrocladium cuspidatum (Hedw.) Kindb. = *Calliergonella cuspidata*
Aloina aloides var. *ambigua* (Bruch & Schimp.) C.J. Craig =
Aloina ambigua
A. ericifolia (Neck.) Kindb. = *Aloina ambigua*
Amblystegiella confervoides (Brid.) Loeske = *Amblystegium confervoides*
A. jungermannioides (Brid.) Giacom. = *Platydictya jungermannioides*
A. sprucei (Bruch) Loeske = *Platydictya jungermannioides*
A. subtilis (Hedw.) Loeske = *Amblystegium subtile*
Amblystegium compactum (Drumm. ex Müll. Hal.) Austin =
Conardia compacta
A. densum Milde = *Conardia compacta*
A. elodes Lindb. = *Campyliadelphus elodes*
A. filicinum (Hedw.) De Not. = *Cratoneuron filicinum*
A. fluviatile (Hedw.) Schimp. = *Hygroamblystegium fluviatile*
A. gracile Jur. = *Haplocladium angustifolium*
A. humile (P. Beauv.) Crundw. = *Hygroamblystegium humile*
A. intermedium Lindb. = *Scorpidium cossoni*
A. irriguum (Wilson) Schimp. = *Hygroamblystegium tenax*
A. jungermannioides (Brid.) A.J.E. Sm. = *Platydictya jungermannioides*
A. juratzkanum Schimp. = *Amblystegium serpens*
A. kochii Schimp. = *Hygroamblystegium humile*
A. leptophyllum Schimp. = *Leptodictyum riparium*
A. lycopodioides (Brid.) De Not. = *Pseudocalliergon lycopodioides*
A. noterophilum (Sull. & Lesq. ex Sull.) Holz.=
Hygroamblystegium fluviatile
A. paludosum (Hessel.) Hansen = *Hygroamblystegium humile*

A. pseudostramineum (Müll. Hal.) Lindb. = *Warnstorfia pseudostraminea*
A. riparium (Hedw.) Schimp. = *Leptodictyum riparium*
A. saxatile Schimp. = *Amblystegium radicale*
A. sendtneri (Schimp.) De Not. = *Drepanocladus sendtneri*
A. sprucei (Bruch) Schimp. = *Platydictya jungermannioides*
A. stramineum (Brid.) De Not. = *Straminergon stramineum*
A. tenax (Hedw.) C.E.O. Jensen = *Hygroamblystegium tenax*
A. varium (Hedw.) Lindb. = *Hygroamblystegium varium*
Andreaea hartmanii Thed. = *Andreaea obovata*
A. petrophila Ehrh. ex Fürnr. = *Andreaea rupestris*
A. petrophila var. *alpestris* Thed. = *Andreaea alpestris*
A. rothii subsp. *frigida* (Huebenr) Schultze-Motel = *Andreaea frigida*
A. rupestris var. *alpestris* (Thed.) Sharp = *Andreaea alpestris*
Anisothecium grevilleanum (Brid.) Lindb. = *Dicranella grevilleana*
A. humile (R. Ruthe) Lindb. = *Dicranella humilis*
A. palustre (Dicks.) I. Hagen = *Dichodontium palustre*
A. rigidulum (Hedw.) C.E.O. Jensen = *Dicranella humilis*
A. rubrum Lindb. = *Dicranella varia*
A. rufescens (Dicks.) Lindb. = *Dicranella rufescens*
A. schreberianum (Hedw.) Dixon = *Dicranella schreberiana*
A. squarrosum (Schrad.) Lindb. = *Dichodontium palustre*
A. vaginale (Dicks.) Loeske = *Dicranella varia*
A. varium (Hedw.) Mitt. = *Dicranella varia*
Anoetangium aquaticum Hedw. = *Cinclidotus aquaticus*
A. compactum Schwägr. = *Anoetangium aestivum*
A. hornsuschuchianum (Hook.) Funck ex Hornsch. = *Molendoo hornsuschuchiana*
A. lapponicum Hedw. = *Amphidium lapponicum*

- A. mougeotii* Lindb. = **Amphidium mougeotii**
A. sendtnerianum Bruch & Schimp. = **Molendoa sendtneriana**
A. tenuinerve (Limpr.) Paris = **Molendoa tenuinervis**
Anomobryum filiforme (Dicks.) Husn. = **Anomobryum julaceum**
A. filiforme (Dicks.) Husn., hom. illeg. = **Anomobryum julaceum**
A. juliforme Solms = **Anomobryum julaceum**
Anomodon apiculatus Sull. = **Anomodon rugelii**
A. curtispendus (Hedw.) Hook. & Taylor = **Antitrichia curtispendusula**
A. fragilis Wilson = **Anomodon tristis**
Aphanorhagma patens (Hedw.) Lindb. = **Physcomitrella patens**
Astomum crispum (Hedw.) Hampe = **Weissia longifolia**
A. intermedium Péterfi = **Weissia longifolia**
Atrichum haussknechtii Jur. & Milde = **Atrichum flavisetum**
Barbula acuta (Brid.) Brid. = **Didymodon acutus**
B. adriatica Baumgartner = **Didymodon fallax**
B. aestiva (Hedw.) Schultz = **Tortula muralis**
B. alpina Bruch & Schimp. = **Syntrichia sinensis**
B. ambigua Bruch & Schimp. = **Aloina ambigua**
B. asperifolia Mitt. = **Didymodon asperifolius**
B. bruchiana Hampe = **Tortula canescens**
B. caespitosa Schwägr. = **Tortella humilis**
B. canescens (Mont.) Bruch & Schimp. = **Tortula canescens**
B. cavifolia Schimp. = **Pterygoneurum ovatum**
B. cordata (Jur.) Loeske = **Didymodon cordatus**
B. cylindrica (Taylor) Schimp. = **Didymodon insulanus**
B. ehrenbergii (Lorentz) M. Fleisch = **Barbula bolleana**
B. fallax Hedw. = **Didymodon fallax**
B. gigantea Funck = **Didymodon giganteus**
B. glauca (Ryan) Molendo = **Didymodon glaucus**
B. gracilis Schwägr. = **Didymodon acutus**
B. hornsuschuchiana Schultz = **Pseudocrossidium hornsuschuchianum**
B. humilis Hedw. = **Tortella humilis**
B. icmadophila Schimp. = **Didymodon icmadophilus**
B. insidiosa Jur. & Milde = **Didymodon rigidulus**
B. insidiosa Jur. & Milde = **Didymodon spadiceus**
B. kneuckeri Loeske & Osterwald = **Didymodon asperifolius**
B. lamellata Lindb. = **Pterygoneurum lamellatum**
B. lurida Hornsch. = **Didymodon luridus**
B. membranifolia (Hook.) Schultz = **Crossidium squamiferum**
B. muralis Hedw. = **Tortula muralis**
B. nervosa Milde = **Tortula atrovirens**
B. paludosa F. Weber & D. Mohr = **Barbula crocea**
B. recurvirostris (Hedw.) Dixon = **Bryoerythrophyllum recurvirostrum**
B. reflexa (Brid.) Brid. = **Didymodon ferrugineus**
B. revoluta Brid. = **Pseudocrossidium revolutum**
B. rigida Hedw. = **Aloina rigida**
B. rigidula (Hedw.) Milde = **Didymodon rigidulus**
B. rufa (Lorentz) Jur. = **Didymodon asperifolius**
B. ruralis Hedw. = **Syntrichia ruralis**
B. sinuosa (Mitt.) Grav. = **Didymodon sinuosus**
B. spadicea (Mitt.) Braithw. = **Didymodon spadiceus**
B. squamigera Viv. = **Crossidium squamiferum**
B. squarrosa Brid. = **Pleurochaete squarrosa**
B. subulata (Hedw.) P. Beauv. = **Tortula subulata**
B. tophacea (Brid.) Mitt. = **Didymodon tophaceus**
B. tortuosa F. Weber & D. Mohr = **Tortella tortuosa**
B. trifaria (Hedw.) Mitt. = **Didymodon luridus**
B. vinealis Brid. = **Didymodon vinealis**
B. vinealis var. *cylindrica* (Taylor) Boulay = **Didymodon insulanus**
Bartramia calcarea Bruch & Schimp. = **Philonotis calcarea**
B. crispa Sw. = **Bartramia pomiformis**
B. fontana Sw. = **Philonotis fontana**
B. fontana var. *falcata* Brid. = **Philonotis calcarea**
B. gracilis Florke = **Plagiopus oederianus**
B. marchica (Hedw.) Sw. = **Philonotis marchica**
B. norvegica Lindb. = **Bartramia halleriana**
B. oederi Brid. = **Plagiopus oederianus**
Blindia crispula Hedw. = **Dicranoweisia crispula**
Bucklandiella affinis (F. Weber & D. Mohr) Bednarek-Ochyra & Ochyra = **Racomitrium affine**
B. heterosticha (Hedw.) Bednarek-Ochyra & Ochyra = **Racomitrium heterostichum**
B. microcarpa (Hedw.) Bednarek-Ochyra & Ochyra = **Racomitrium microcarpon**
B. sudetica (Funck) Bednarek-Ochyra & Ochyra = **Racomitrium sudeticum**
Brachythecium appleyardiae McAdam & A.J.E. Sm. = **Scleropodium caespitans**
B. collinum (Schleich. ex Müll. Hal.) Schimp. = **Brachytheciastrum collinum**
B. curtum (Lindb.) Limpr. = **Sciuro-hypnum oedipodium**
B. cylindricum (Bruch & Schimp.) Torre & Sarntn. = **Brachythecium salebrosum**
B. flagellare (Hedw.) Jenn. = **Sciuro-hypnum plumosum**
B. glabratum (Broth.) Paris = **Sciuro-hypnum populeum**
B. glaciale Schimp. = **Sciuro-hypnum glaciale**
B. latifolium Kindb. = **Sciuro-hypnum latifolium**
B. oedipodium (Mitt.) A. Jaeger = **Sciuro-hypnum oedipodium**
B. olympicum Jur. = **Brachytheciastrum olympicum**
B. oxycladon auct. non (Brid.) A. Jaeger = **Brachythecium laetum**
B. plumosum (Hedw.) Schimp. = **Sciuro-hypnum plumosum**
B. populeum (Hedw.) Schimp. = **Sciuro-hypnum populeum**
B. reflexum (Starke) Schimp. = **Sciuro-hypnum reflexum**
B. rotaeanum De Not. = **Brachythecium salebrosum**
B. ryanii Kaurin = **Brachythecium campestre**
B. salicinum Bruch & Schimp. = **Brachytheciastrum velutinum**
B. schimperi H. Klinggr. = **Brachythecium campestre**
B. starkei (Brid.) Schimp. = **Sciuro-hypnum starkei**
B. starkei var. *curtum* (Lindb.) Warnst. = **Sciuro-hypnum oedipodium**
B. starkei var. *explanatum* (Brid.) Mönk. = **Sciuro-hypnum oedipodium**
B. trachypodium (Brid.) Schimp. = **Brachytheciastrum trachypodium**
B. velutinum (Hedw.) Schimp. = **Brachytheciastrum velutinum**
B. velutinum var. *salicinum* (Schimp.) Mönk. = **Brachytheciastrum velutinum**
B. vineale Milde = **Brachythecium salebrosum**
Breidleria arcuata (Molendo) Loeske = **Calliargonella lindbergii**
Brotherella nemorosa (Brid.) Loeske = **Heterophyllum affine**
Bryoerythrophyllum cavernarum (Molendo) Podp. = **Bryoerythrophyllum rubrum**
B. rubellum (Hedw.) P.C. Chen = **Bryoerythrophyllum recurvirostrum**
Bryohaplocladium angustifolium (Hampe & Müll. Hal.) R. Watan. & Z. Iwats. = **Haplocladium angustifolium**
B. microphyllum (Hedw.) R. Watan. & Z. Iwats. = **Haplocladium microphyllum**
B. virginianum (Brid.) R. Watan. & Z. Iwats. = **Haplocladium virginianum**
Bryum acutiforme Limpr. = **Bryum calophyllum**
B. aeneum Blutt ex Bruch & Schimp. = **Bryum pallens**
B. affine F.W. Schultz = **Bryum creberrimum**
B. alpinum var. *brevifolium* Myrin = **Bryum muehlenbeckii**
B. alpinum var. *mildeanum* (Jur.) Podp. = **Bryum mildeanum**
B. amblyodon Müll. Hal. = **Bryum archangelicum**
B. angustire Kindb. = **Bryum algovicum**
B. badium (Brid.) Schimp. = **Bryum caespiticium**

- B. balticum* Nyholm & Hedenäs = *Bryum dichotomum*
B. barnesii J.B. Wood ex Schimp. = *Bryum dichotomum*
B. bicolor Dicks. = *Bryum dichotomum*
B. bimum (Schreb.) Hartm. = *Bryum pseudotriquetrum*
B. bimum var. *cuspidatum* Bruch & Schimp. = *Bryum creberrimum*
B. brownii Bruch & Schimp. = *Bryum alpinum*
B. bryoides (R. Br.) Wijk & Margad. = *Bryum alpinum*
B. caespiticium var. *imbricatum* Bruch & Schimp. = *Bryum kunzei*
B. capillare var. *elegans* (Brid.) Husn. = *Bryum elegans*
B. capillare var. *torquescens* (Bruch) Husn. = *Bryum torquescens*
B. castaneum I. Hagen = *Bryum pseudotriquetrum*
B. cernuum (Hedw.) Bruch & Schimp. = *Bryum uliginosum*
B. chibinense Schljakov = *Bryum elegans*
B. cirrhatum Hoppe & Hornsch. = *Bryum pallescens*
B. combae De Not. = *Bryum muehlenbeckii*
B. comense Schimp. = *Bryum caespiticium*
B. compactum (Hornsch.) Kindb. = *Bryum algovicum*
B. crispulum Hampe ex Müll. Hal. = *Bryum neodamense*
B. cuspidatum (Bruch & Schimp.) Schimp. = *Bryum creberrimum*
B. dunense A.J.E. Sm. & H. Whitehouse = *Bryum dichotomum*
B. duvalii Voit = *Bryum weigelii*
B. excurrens Lindb. = *Bryum dichotomum*
B. fallax Milde ex Rabenh. = *Bryum pallens*
B. flaccidum auct. non Brid. = *Bryum moravicum*
B. flaccidum Brid. = *Bryum moravicum*
B. hazslinskyanum Péterfi = *Bryum algovicum*
B. imbricatum (Schwägr.) Bruch & Schimp. = *Bryum archangelicum*
B. imbricatum auct. non (Schwägr.) Bruch & Schimp. = *Bryum archangelicum*
B. inclinatum (Brid.) Turton = *Bryum archangelicum*
B. lacustre (F. Weber & D. Mohr) Blandow = *Bryum knowltonii*
B. laevifolium Syed. = *Bryum moravicum*
B. lanatum (P. Beauv.) Brid. = *Bryum argenteum*
B. lawersianum H. Philip. = *Bryum arcticum*
B. lisae De Not. = *Bryum creberrimum*
B. maritimum Bomanss. = *Bryum knowltonii*
B. microerythrocarpon Müll. Hal. & Kindb. ex Macoun. = *Bryum subapiculatum*
B. murale Wilson ex Hunt = *Bryum radiculosum*
B. nitidulum Lindb. = *Bryum intermedium*
B. obconicum Hornsch. ex Bruch & Schimp. = *Bryum pallescens*
B. pendulum (Hornsch.) Schimp. = *Bryum algovicum*
B. platyloma Schwägr. = *Bryum capillare*
B. purpurascens (R. Br.) Bruch & Schimp. = *Bryum arcticum*
B. radianii Podp. = *Bryum caespiticium*
B. roseum (Hedw.) P. Gaertn. & al. = *Rhodobryum roseum*
B. rufifolium (Dixon) Demaret & R. Wilczek = *Bryum capillare*
B. rutilans auct. eur. non Brid. = *Bryum pallens*
B. sirtonii Schimp. = *Bryum elegans*
B. spindleri Podp. & Stolle = *Bryum alpinum*
B. stenotrichum Müll. Hal. = *Bryum archangelicum*
B. stirtonii Schimp. = *Bryum elegans*
B. subelegans auct. non Kindb. = *Bryum moravicum*
B. subelegans Kindb. = *Bryum pallens*
B. subglobulosum Schlieph. = *Bryum pallescens*
B. subneodamense Kindb. = *Bryum neodamense*
B. subrotundum Brid. = *Bryum pallescens*
B. syriacum Lorentz = *Bryum turbinatum*
B. validicostatum Cardot & Dixon = *Bryum capillare*
B. ventricosum Dicks., nom. illeg. = *Bryum pseudotriquetrum*
B. venustum Bomanss. = *Bryum intermedium*
B. veronense De Not. = *Bryum argenteum*
B. versicolor A. Braun ex Bruch & Schimp. = *Bryum dichotomum*
Buxbaumia foliosa Hedw. = *Diphyscium foliosum*
B. indusiata Brid. = *Buxbaumia viridis*
B. vulgaris (Brid.) Baumg. = *Buxbaumia aphylla*
Callialaria curvicaulis (Jur.) Ochyra = *Cratoneuron curvicaule*
Calliergidium pseudostramineum (Müll. Hal.) Grout = *Warnstorfia pseudostraminea*
Calliergon cuspidatum (Hedw.) Kindb. = *Calliergonella cuspidata*
C. moldavicum (Velen.) Podp. = *Calliergon giganteum*
C. sarmentosum (Wahlenb.) Kindb. = *Warnstorfia sarmentosa*
C. stramineum (Dicks. ex Brid.) Kindb. = *Straminergon stramineum*
C. trifarium (F. Weber & D. Mohr) Kindb. = *Pseudocalliergon trifarium*
Camptothecium geheebii (Milde) Kindb. = *Brachythecium geheebii*
C. lutescens (Hedw.) Schimp. = *Homalothecium lutescens*
C. nitens (Hedw.) Schimp. = *Tomentypnum nitens*
C. philippeanum (Spruce) Kindb. = *Homalothecium philippeanum*
C. sericeum (Hedw.) Kindb. = *Homalothecium sericeum*
C. trichodes (Neck.) Broth. = *Tomentypnum nitens*
Campyliadelphus polygamus (Schimp.) Kanda = *Drepanocladus polygamus*
C. protensum (Brid.) Kanda = *Campylium protensum*
C. stellatus (Hedw.) Kanda = *Campylium stellatum*
Campylidium calcareum (Crondw. & Nyholm) Ochyra = *Campylophyllum calcareum*
C. sommerfeltii (Myrin) Ochyra = *Campylophyllum sommerfeltii*
Campylophyllum calcareum Crundw. & Nyholm = *Campylophyllum calcareum*
C. sommerfeltii (Myrin) Lange = *Campylophyllum sommerfeltii*
C. brachycarpum Roth = *Warnstorfia fluitans*
C. calcareum Crundw. & Nyholm = *Campylophyllum calcareum*
C. chrysophyllum (Brid.) Lange = *Campyliadelphus chrysophyllum*
C. elodes (Lindb.) Kindb. = *Campyliadelphus elodes*
C. halleri (Hedw.) Lindb. = *Campylophyllum halleri*
C. helodes (Lindb.) Broth. = *Campyliadelphus elodes*
C. hispidulum auct. eur. non (Brid.) Mitt. = *Campylophyllum sommerfeltii*
C. hygrophilum (Jur.) Loeske = *Amblystegium radicale*
C. polygamum (Schimp.) Lange & C.E.O. Jensen = *Drepanocladus polygamus*
C. polymorphum (Hedw.) Pilous = *Campylophyllum calcareum*
C. radicale (P. Beauv.) Grout = *Amblystegium radicale*
C. sommerfeltii (Myrin) Lange = *Campylophyllum sommerfeltii*
C. stellatum subsp. *protensum* (Brid.) C.E.O. Jensen = *Campylium protensum*
C. stellatum var. *protensum* (Brid.) Bryhn = *Campylium protensum*
Campylophyllum hispidulum auct. eur. non (Brid.) Hedenäs = *Campylophyllum sommerfeltii*
Campylopus calvatus Dixon = *Campylopus pyriformis*
C. saxicola Brid. = *Campylostelium saxicola*
C. schwartzii Schimp. = *Campylopus gracilis*
C. torfaceus Bruch & Schimp. = *Campylopus pyriformis*
C. viridis Sull. & Lesq. = *Dicranum viride*
Catharinea angustata (Brid.) Brid. = *Atrichum angustatum*
C. callybrion Müll. Hal. = *Atrichum undulatum*
C. haussknechtii (Jur. & Milde) Broth. = *Atrichum flavisetum*
C. hercynica Ehrh. = *Oligotrichum hercynicum*
C. pallida Péterfi = *Atrichum undulatum*
C. tenella Röhl. = *Atrichum tenellum*
C. undulata (Hedw.) F. Weber & D. Mohr = *Atrichum undulatum*
Ceratodon cylindricus F. Webeber & D. Mohr = *Trichodon cylindricus*
C. inclinatus (Hedw.) F. Weber = *Distichium inclinatum*
C. purpureus var. *conicus* (Hampe) Husn. = *Ceratodon conicus*
Chrysohypnum chrysophyllum (Brid.) Loeske = *Campyliadelphus chrysophyllum*

- C. hispidulum* auct. non (Brid.) Mitt. = *Campylophyllum sommerfeltii*
C. polygamum (Bruch & Schimp.) Loeske = *Drepanocladus polygamus*
C. protensum (Brid.) Loeske = *Campylium protensum*
C. sommerfeltii (Brid.) Roth. et auct. eur. = *Campylophyllum calcareum*
C. stellatum (Hedw.) Loeske = *Campylium stellatum*
Chrysophyllum halleri (Hedw.) G. Roth = *Campylophyllum halleri*
Cinclidium hymenophyllum (Bruch & Schimp.) Lindb. = *Cyrtomnium hymenophylloides*
Cinclidotus minor Lindb. = *Cinclidotus fontinaloides*
C. mucronatus (Brid.) Guim = *Dialytrichia mucronata*
Cirriphyllum cirrosum (Schwägr.) Grout = *Brachythecium cirrosum*
C. germanicum (Grebe) Loeske & M. Fleish. = *Rhynchostegiella tenuicaulis*
C. ornellanum (Molendo) Loeske = *Sciuro-hypnum ornellanum*
C. reichenbachianum (Huebener) Wijk & Margad. = *Sciuro-hypnum flotowianum*
C. tenuicaule (Spruce) Wijk & Margad. = *Rhynchostegiella tenuicaulis*
C. tenuinerve (Lindb.) Wijk & Margad. = *Brachythecium thomasinii*
C. thomasinii (Sendtner ex Boulay) Grout = *Brachythecium thomasinii*
C. velutinoides (Schimp.) Loeske & M. Fleisch. = *Sciuro-hypnum flotowianum*
Codriophorus acicularis (Hedw.) P. Beauv. = *Racomitrium aciculare*
C. aquaticus (Brid. ex Schrad.) Bednarek-Ochyra & Ochyra = *Racomitrium aquaticum*
C. fascicularis (Hedw.) Bednarek-Ochyra & Ochyra = *Racomitrium fasciculare*
Conomitrium julianum Mont. = *Fissidens fontanus*
Conostomum boreale Sw. = *Conostomum tetragonum*
Coscinodon latifolius De Not. = *Stegonia latifolia*
C. pertusum Spreng. = *Coscinodon cribrosus*
C. pulvinatus Spreng. = *Coscinodon cribrosus*
Cratoneuron commutatum (Hedw.) G. Roth = *Palustriella commutata*
C. decipiens (De Not.) Ochyra = *Palustriella decipiens*
C. falcatum (Brid.) G. Roth = *Palustriella falcata*
Cryphaea arborea (P. Beauv.) Lindb. = *Cryphaea heteromalla*
Ctenidium procerrimum (Molendo) Lindb. = *Hypnum procerrimum*
Cylindrothecium concinnum (De Not.) Schimp. = *Entodon concinnum*
C. schleicheri (Schimp.) Bruch & Schimp. = *Entodon schleicheri*
Cynodontium hyperboreum (With.) I. Hagen = *Arctoa hyperborea*
C. limprichtianum Grebe = *Kiaeria blyttii*
C. polycarpon var. *strumiferum* (Hedw.) Schimp. = *Cynodontium strumiferum*
C. schisti (F. Weber & D. Mohr) Lindb. = *Cnestrum schistii*
C. torquescens Limpr. = *Cynodontium tenellum*
C. virens (Hedw.) Schimp. = *Oncophorus virens*
C. virens var. *wahlenbergii* (Brid.) Hartm. = *Oncophorus wahlenbergii*
C. wahlenbergii (Brid.) Hartm. = *Oncophorus wahlenbergii*
Cyrto-hypnum minutulum (Hedw.) W.R. Buck & H.A. Crum = *Pelekium minutulum*
Desmatodon cernuus (Huebener) Bruch & Schimp. = *Tortula cernua*
D. convolutus (Brid.) Grout = *Tortula atrovirens*
D. heimii (Hedw.) Mitt. = *Hennediella heimii*
D. latifolius (Hedw.) Brid. = *Tortula hoppeana*
D. laureri (Schultz) Bruch & Schimp. = *Tortula laureri*
D. leucostoma (R. Br.) Berggr. = *Tortula leucostoma*
D. meridionalis Luisier = *Tortula marginata*
D. nervosus De Not. = *Tortula atrovirens*
D. systioides Ren & Card. = *Hennediella heimii*
Dichodontium pellucidum var. *flavescens* (Dicks.) Moore = *Dichodontium flavescens*
Dicranella banatica Hampe = *Dicranella heteromalla*
D. curvata (Hedw.) Schimp. = *Dicranella subulata*
D. curvata Hedw. = *Dicranella subulata*
D. palustris (Dicks.) Crundw. = *Dichodontium palustre*
D. pusilla Schimp. = *Dicranella cerviculata*
D. secunda Lindb. = *Dicranella subulata*
D. squarrosa (Schrad.) Schimp. = *Dichodontium palustre*
Dicranodontium aristatum Schimp. = *Dicranodontium asperulum*
D. longirostre (F. Weber & D. Mohr) Bruch & Schimp. = *Dicranodontium denudatum*
Dicranoweisia crispula var. *compacta* (Schwägr.) Lindb. = *Dicranoweisia compacta*
Dicranum affine Funck = *Dicranum undulatum*
D. albicans Bruch & Schimp. = *Paraleucobryum enerve*
D. ambiguum Hedw. = *Trematodon ambiguus*
D. asperulum Mitt. = *Dicranodontium asperulum*
D. bergeri Blandow = *Dicranum undulatum*
D. bergeri var. *acutifolium* Lindb. & Arnell = *Dicranum acutifolium*
D. blyttii Bruch & Schimp. = *Kiaeria blyttii*
D. cerviculatum Hedw. = *Dicranella cerviculata*
D. congestum Brid. = *Dicranum flexicaule*
D. crispum Hedw. = *Dicranella crispa*
D. denudatum Brid. = *Dicranodontium denudatum*
D. elatum Lindb., nom. illeg. = *Dicranum drummondii*
D. elongatum subsp. *groenlandicum* (Brid.) Mönk. = *Dicranum groenlandicum*
D. enerve Thed. = *Paraleucobryum enerve*
D. falcatum Hedw. = *Kiaeria falcata*
D. fulvellum (Dicks.) Sm. = *Arctoa fulvella*
D. fulvum var. *viride* (Sull. & Lesq.) Frye. ex Grout = *Dicranum viride*
D. fuscens var. *congestum* (Brid.) Kindb. = *Dicranum flexicaule*
D. glaucum Hedw. = *Leucobryum glaucum*
D. gracilescens F. Weber. & D. Mohr = *Cynodontium gracilescens*
D. grevilleanum Bruch & Schimp. = *Dicranella grevilleana*
D. heteromallum Hedw. = *Dicranella heteromalla*
D. hostianum Schwägr. = *Dicranum montanum*
D. hyperboreum Sm. = *Arctoa hyperborea*
D. interruptum Brid., non Hedw. = *Dicranum montanum*
D. interruptum Hedw., non Brid. = *Dicranella heteromalla*
D. juniperoideum Brid. = *Leucobryum juniperoideum*
D. latifolium Hedw. = *Tortula hoppeana*
D. longifolium Ehrh. ex Hedw. = *Paraleucobryum longifolium*
D. mixtum De Not. = *Cynodontium gracilescens*
D. muehlenbeckii var. *acutifolium* (Lindb. & Arnell) Nyholm = *Dicranum acutifolium*
D. muehlenbeckii var. *brevifolium* Lindb. = *Dicranum brevifolium*
D. muehlenbeckii var. *cirratum* (Schimp.) Lindb. = *Dicranum brevifolium*
D. muehlenbeckii var. *neglectum* (De Not.) Pfeff. = *Dicranum spadiceum*
D. neglectum Jur. ex De Not. = *Dicranum spadiceum*
D. ovale Hedw. = *Grimmia ovalis*
D. palustre Bruch & Schimp. = *Dicranum bonjeanii*
D. palustre La Pyl. ex Brid. = *Campylopus flexuosus*
D. pellucidum Hedw. = *Dichodontium pellucidum*
D. polycarpon (Hedw.) F. Weber & D. Mohr = *Cynodontium polycarpon*
D. polycarpon var. *strumiferum* (Hedw.) Schimp. = *Cynodontium strumiferum*
D. purpureum Hedw. = *Ceratodon purpureus*
D. pusillum Hedw. = *Dicranella cerviculata*

- D. pyriformis* Schultz = *Campylopus pyriformis*
D. robustum Bruch & Schimp., homon. illeg. = *Dicranum drummondii*
D. rugosum Brid. = *Dicranum polysetum*
D. rupestre Brid. = *Dicranum fuscescens*
D. saxatile Lag. = *Racomitrium heterostichum*
D. saxicola F. Weber & D. Mohr = *Campylostelium saxicola*
D. schisti Lindb. = *Kiaeria blyttii*
D. schraderi Wahlenb. = *Dicranum undulatum*
D. schreberi Sw. = *Dicranella schreberiana*
D. schreberi var. *grevilleanum* Brid. = *Dicranella grevilleana*
D. schreberianum Hedw. = *Dicranella schreberiana*
D. scopariiforme Kindb. = *Dicranum scoparium*
D. sendtneri I. Hagen non Limpr. = *Dicranum acutifolium*
D. sendtneri Limpr. non I. Hagen = *Dicranum elongatum*
D. sphagni Wahlenb. = *Dicranum elongatum*
D. starkei F. Weber & D. Mohr = *Kiaeria starkei*
D. strictum Schleich. ex D. Mohr, hom. illeg. = *Dicranum tauricum*
D. strumiferum F. Weber & D. Mohr = *Cynodontium strumiferum*
D. thraustum Schimp. = *Dicranella varia*
D. undulatum Ehrh. ex F. Weber & D. Mohr, hom illeg = *Dicranum polysetum*
D. undulatum Turner, hom. illeg. = *Dicranum bonjeanii*
D. varium Hedw. = *Dicranella varia*
D. virens Hedw. = *Oncophorus virens*
D. viridulum Sw. = *Fissidens viridulus*
Didymodon alpigenum Venturi = *Bryoerythrophyllum alpigenum*
D. alpigenum Jur. = *Bryoerythrophyllum alpigenum*
D. capillaceum F. Weber & D. Mohr = *Distichium capillaceum*
D. cylindricus Bruch = *Oxystegus tenuirostris*
D. denudatus (Brid.) Opiz = *Dicranodontium denudatum*
D. glaucescens F. Weber & D. Mohr = *Saelania glaucescens*
D. homomallus Hedw. = *Ditrichum heteromallum*
D. inclinatus (Hedw.) F. Weber & D. Mohr = *Distichium inclinatum*
D. incompressus (Lindb.) Broth. = *Didymodon australasiae*
D. longirostris Brid. = *Dicranodontium denudatum*
D. mamillosus (Crundw.) M.O. Hill. = *Didymodon rigidulus*
D. pallidus Bals. = *Ditrichum pallidum*
D. pilifer Wahlenb. = *Tortula cernua*
D. rigidicaulis (Müll. Hal.) K. Saito = *Didymodon ferrugineus*
D. rubellus (Hoffm.) Bruch & Schimp. = *Bryoerythrophyllum recurvirostrum*
D. rubellus var. *dentatus* Schimp. = *Bryoerythrophyllum alpigenum*
D. ruber Jur. = *Bryoerythrophyllum recurvirostrum*
D. trifarius auct. non (Hedw.) Röhl. = *Didymodon luridus*
D. trivialis (Müll. Hal.) J. Guerra = *Didymodon umbrosus*
Diobelon squarrosus (Starke) Hampe = *Dichodontium palustre*
Diphyscium sessile Lindb. = *Diphyscium foliosum*
Diplocomium longisetum Brid. non Heufler = *Meesia longiseta*
D. longisetum Heufler non Brid. = *Meesia triquetra*
D. tristichum Funck = *Meesia triquetra*
Dissodon froelichianus (Hedw.) Grev. & Arnott = *Tayloria froelichiana*
D. hornschuchii Grev. & Arnott = *Tayloria hornschuchii*
D. splachnoides Grev. & Arnott = *Tayloria tenuis*
Distichium montanum (Lam.) I. Hagen = *Distichium capillaceum*
Ditrichum cylindricum (Hedw.) Grout = *Trichodon cylindricus*
D. crispatisimum (Müll. Hal.) Paris = *Ditrichum gracile*
D. cylindricum (Hedw.) Grout = *Trichodon cylindricus*
D. glaucescens (Hedw.) Hampe = *Saelania glaucescens*
D. homomallum (Hedw.) Hampe = *Ditrichum heteromallum*
D. tenuifolium (Schrad.) Lindb. = *Trichodon cylindricus*
D. tortile (Schrad.) Brockm. = *Ditrichum pusillum*
D. vaginans (Sull.) Hampe = *Ditrichum lineare*
Dolichotheca seligeri (Brid.) Loeske = *Herzogiella seligeri*
D. silesiacum (F. Weber & D. Mohr) Fleisch. = *Herzogiella seligeri*
D. striatella (Brid.) Loeske = *Herzogiella striatella*
Drepanium cupressiforme G. Roth. = *Hypnum cupressiforme*
D. fertile G. Roth = *Hypnum fertile*
Drepanocladus capillifolius (Warnst.) Warnst. = *Drepanocladus longifolius*
D. cossonii (Schimp.) Loeske = *Scorpidium cossonii*
D. exannulatus (Schimp.) Warnst. = *Warnstorfia exannulata*
D. exannulatus var. *tundrae* (Arnell) Warnst. = *Warnstorfia tundrae*
D. fluitans (Hedw.) Warnst. = *Warnstorfia fluitans*
D. fluitans var. *pseudostramineum* (Müll. Hal.) Warnst. = *Warnstorfia pseudostraminea*
D. h-schultzei (Limpr.) Loeske = *Warnstorfia fluitans*
D. intermedius (Lindb.) Warnst. = *Scorpidium cossonii*
D. kneiffii (Bruch & Schimp.) Warnst. = *Drepanocladus aduncus*
D. lycopodioides (Brid.) Warnst. = *Pseudocalliergon lycopodioides*
D. polycarpus (Blandow ex Voit) Warnst. = *Drepanocladus aduncus*
D. procerus (Renauld & Arnell) Warnst. = *Warnstorfia procerus*
D. pseudofluitans (Sanio) Warnst. = *Drepanocladus aduncus*
D. pseudostramineus (Müll. Hal.) G. Roth = *Warnstorfia pseudostraminea*
D. purpurascens (Schimp.) Loeske = *Warnstorfia exannulata*
D. revolvens (Sw. ex anon.) Warnst. = *Scorpidium revolvens*
D. scorpioides (Hedw.) Warnst. = *Scorpidium scorpioides*
D. simplicissimus Warnst. = *Drepanocladus aduncus*
D. stagnatus Zarnowiec = *Drepanocladus aduncus*
D. tundrae (Arnell) Loeske = *Warnstorfia tundrae*
D. uncinatus (Hedw.) Warnst. = *Sanionia uncinata*
D. vernicosus (Mitt.) Warnst. = *Hamatocaulis vernicosus*
D. wilsonii (Lindb.) Loeske = *Drepanocladus sendtneri*
Dryptodon atratus (Hornsch.) Limpr. = *Grimmia atrata*
D. funalis (Schwägr.) Brid. = *Grimmia funalis*
D. hartmanii (Schimp.) Limpr. = *Grimmia hartmanii*
D. incurvus Brid. = *Grimmia elatior*
D. ovatus Brid. = *Grimmia ovalis*
D. patens (Hedw.) Brid. = *Grimmia ramondii*
D. pulvinatus Brid. = *Grimmia pulvinata*
Encalypta apophysata Nees & Hornsch. = *Encalypta affinis*
E. commutata Nees & Hornsch. = *Encalypta alpina*
E. contorta Hoppe = *Encalypta streptocarpa*
E. extinctoria Sw. = *Encalypta vulgaris*
E. fimbriata Brid. = *Encalypta ciliata*
E. lacera De Not. = *Encalypta alpina*
E. laciniata Lindb. = *Encalypta ciliata*
E. microphylla Nees = *Encalypta affinis*
E. rhaptocarpa var. *spathulata* (Müll. Hal.) Husn. = *Encalypta streptocarpa*
E. rhaptocarpa var. *trachymitria* (Ripart) Wijk & Margad. = *Encalypta rhaptocarpa*
E. trachymitria Ripart = *Encalypta rhaptocarpa*
Entodon montagnei Müll. Hal. = *Entodon concinnus*
E. orthocarpus (Brid.) Lindb. = *Entodon concinnus*
E. repens (Brid.) Grout = *Platygium repens*
E. schreberi (Brid.) Mönk. = *Pleurozium schreberi*
E. transylvanicus Demet. = *Entodon cladorrhizans*
Entosthodon curvisetus (Schwägr.) Müll. Hal. = *Funariella curviseta*
E. ericetorum (De Not.) Müll. Hal. = *Entosthodon obtusus*
E. maroccanus (Meyl.) Hébr. & Lo Giudice = *Entosthodon hungaricus*
Ephemerella recurvifolia (Dicks.) Schimp. = *Ephemerum recurvifolium*
Eremodon splachnoides Brid. = *Tayloria lingulata*
Erythrophyllum alpigenum (Venturi) Loeske = *Bryoerythrophyllum alpigenum*

- E. recurvirostrum* (Hedw.) Loeske = *Bryoerythrophyllum recurvirostrum*
E. rubellum (Hedw.) Loeske = *Bryoerythrophyllum recurvirostrum*
E. rubrum (Jur.) Mönk. = *Bryoerythrophyllum rubrum*
Eucladium aeruginosum (Sm.) C.E.O. Jensen = *Gymnostomum aeruginosum*
E. calcareum (Ness. & Hornsch.) C.E.O. Jensen = *Gymnostomum calcareum*
E. recurvirostre (Hedw.) C.E.O. Jensen = *Hymenostylium recurvirostrum*
E. tenue C.E.O. Jensen = *Gyroweisia tenuis*
Eurhynchium abbreviatum (Turner) Brockm. = *Oxyrrhynchium schleicheri*
E. androgynum Schimp. = *Oxyrrhynchium speciosum*
E. crassinervium (Taylor) Schimp. = *Cirriphyllum crassinervium*
E. flotowianum (Sendtn.) Kartt. = *Sciuro-hypnum flotowianum*
E. germanicum Grebe = *Rhynchostegiella tenuicaulis*
E. hians (Hedw.) Sande Lac. = *Oxyrrhynchium hians*
E. meridionale (Schimp.) De Not. = *Plasteurhynchium meridionale*
E. myosuroides Schimp. = *Isothecium myosuroides*
E. piliferum (Hedw.) Grout = *Cirriphyllum piliferum*
E. praelongum (Hedw.) Schimp. = *Kindbergia praelonga*
E. praelongum var. *atrovirens* (Brid.) Schimp. = *Oxyrrhynchium hians*
E. pulchellum (Hedw.) Jenn. = *Eurhynchiastrum pulchellum*
E. pulchellum var. *praecox* (Hedw.) Dixon = *Eurhynchiastrum pulchellum*
E. pumilum (Wilson) Schimp. = *Oxyrrhynchium pumilum*
E. riparioides (Hedw.) Rich. = *Platyhypnidium riparioides*
E. rusciforme (Neck.) Milde = *Platyhypnidium riparioides*
E. schleicheri (R. Hedw.) Milde = *Oxyrrhynchium schleicheri*
E. schleicheri (R. Hedw.) Milde = *Oxyrrhynchium schleicheri*
E. speciosum (Brid.) Jur. = *Oxyrrhynchium speciosum*
E. stokesii (Turner) Schimp. = *Kindbergia praelonga*
E. striatulum (Spruce) Schimp. = *Plasteurhynchium striatulum*
E. striatum subsp. *zetterstedtii* (P. Störmer) Podp. = *Eurhynchium angustirete*
E. striatum var. *plachycladum* G. Roth = *Eurhynchium angustirete*
E. strigosum (F. Weber & D. Mohr) Schimp. = *Eurhynchiastrum pulchellum*
E. swartzii (Turner) Warnst. = *Oxyrrhynchium hians*
E. swartzii var. *abbreviatum* Turner = *Oxyrrhynchium schleicheri*
E. vaucheri (Lesq.) Bruch & Schimp. = *Brachythecium thommasinii*
E. zetterstedtii P. Störmer = *Eurhynchium angustirete*
Fabronia octoblepharis Schwägr. = *Fabronia ciliaris*
Fiedleria subsessilis Rabenh. = *Pterygoneurum subsessile*
Fissidens algarvicus Solms = *Fissidens curvatus*
F. arcticus Bryhn = *Fissidens bryoides*
F. bloxanii Wilson = *Fissidens exilis*
F. bryoides var. *inconstans* (Schimp.) R. Ruthe = *Fissidens viridulus*
F. bryoides var. *rivularis* Spruce = *Fissidens rivularis*
F. bryoides var. *viridulus* (Sw. ex anon.) Broth. = *Fissidens viridulus*
F. cristatus Wilson ex Mitt. = *Fissidens dubius*
F. decipiens De Not. = *Fissidens dubius*
F. denticulatus Baumg. = *Plagiothecium denticulatum*
F. haraldii (Lindb.) Limpr. = *Fissidens viridulus*
F. herzogii R. Ruthe ex Herzog = *Fissidens crispus*
F. incurvus Starke ex Röhl. = *Fissidens viridulus*
F. incurvus var. *tamarindifolius* (Turner) Braithw. = *Fissidens viridulus*
F. julianus (DC.) Schimp. = *Fissidens fontanus*
F. limbatus Sull. = *Fissidens crispus*
F. limbatus var. *bambergeri* (Schimp. ex Milde) Düll = *Fissidens viridulus*
F. marginatulus Meln. = *Fissidens viridulus*
F. minutulus Sull. = *Fissidens crispus*
F. pulvinatus Timm ex Hedw. = *Grimmia pulvinata*
F. tamarindifolius Brid. = *Fissidens viridulus*
F. viridulus var. *bambergeri* (Schimp. ex Milde) Waldh. = *Fissidens viridulus*
F. viridulus var. *haraldii* (Lindb.) C.E.O. Jensen = *Fissidens viridulus*
F. viridulus var. *intraalimbatus* (R. Ruthe) Düll = *Fissidens viridulus*
F. viridulus var. *pusillus* Wilson = *Fissidens pusillus*
Fontinalis juliana Savi = *Fissidens fontanus*
F. ravanii Hy = *Fontinalis hypnoides*
Funaria fascicularis (Hedw.) Müll. Hal. = *Entostodon fascicularis*
F. calcarea Wahlenb. = *Entostodon muhlenbergii*
F. convexa Spruce = *Entostodon convexus*
F. curviseta (Schwägr.) Milde = *Funariella curviseta*
F. dentata Crome = *Entostodon muhlenbergii*
F. hibernica Hook. = *Entostodon muhlenbergii*
F. hungarica Boros = *Entostodon hungaricus*
F. mediterranea Lindb. = *Entostodon muhlenbergii*
F. muhlenbergii Turner = *Entostodon muhlenbergii*
F. obtusa (Hedw.) Lindb. = *Entostodon obtusus*
F. pulchella H. Philib. = *Entostodon pulchellus*
Geheebia cataractarum Schimp. = *Didymodon giganteus*
G. gigantea (Funck) Boulay = *Didymodon giganteus*
Georgia brownii Lindb. = *Tetrodontium brownianum*
G. pellucida (Hedw.) Rabenh. = *Tetraphis pellucida*
Grimmia alpestris var. *microstoma* Bruch & Schimp. = *Grimmia reflexidens*
G. alpestris var. *sessitana* (De Not.) I. Hagen = *Grimmia reflexidens*
G. alpicola var. *rivulare* (Brid.) Limpr. = *Schistidium rivulare*
G. alpicola var. *rivularis* (Brid.) Wahlenb. = *Schistidium rivulare*
G. alpina Kindb. = *Grimmia anodon*
G. apiculata Hornsch. = *Grimmia fuscolutea*
G. apocarpa Hedw. = *Schistidium apocarpum*
G. apocarpa subsp. *conferta* (Funck) Spreng. = *Schistidium confertum*
G. apocarpa var. *atrofusca* (Schimp.) Husn. = *Schistidium atrofusum*
G. apocarpa var. *brunnescens* (Limpr.) Mönk. = *Schistidium brunnescens*
G. apocarpa var. *gracilis* Schleich. ex Röhl. = *Schistidium trichodon*
G. apocarpa var. *rivularis* (Brid.) F. Weber & D. Mohr = *Schistidium rivulare*
G. aquatica (P. Beauv.) Müll. Hal. = *Racomitrium aquaticum*
G. atrofusca Schimp. = *Schistidium atrofusum*
G. austrofunalis auct. eur. non Müll. Hal. = *Grimmia trichophylla*
G. bifrons De Not. = *Grimmia donniana*
G. bohemica Schkuhr ex Brid., nom inval. = *Grimmia donniana*
G. britannica A.J.E. Sm. = *Grimmia trichophylla*
G. brunnescens (Limpr.) Paris = *Schistidium brunnescens*
G. calvescens Kindb. = *Grimmia funalis*
G. campestris Burchell ex Hook. = *Grimmia laevigata*
G. canescens Hedw. = *Racomitrium canescens*
G. canescens Schleich. = *Grimmia crinita*
G. commutata Huebener = *Grimmia ovalis*
G. compacta Schleich. = *Dicranoweisia compacta*
G. conferta Funck = *Schistidium confertum*
G. contorta Schimp. = *Grimmia incurva*
G. crassifolia Lindb. ex Broth. = *Grimmia tergestina*
G. cribrata Hedw. = *Coscinodon cribratus*
G. curvata (Brid.) De Sloover = *Grimmia ramondii*
G. decalvata Cardot = *Grimmia elongata*
G. dornajii Hohnel = *Grimmia anodon*
G. elatior var. *pseudofunalis* Limpr. = *Grimmia elatior*
G. fascicularis Schrad. = *Racomitrium fasciculare*

- G. flaccida* (De Not.) Lindb. = *Schistidium flaccidum*
G. funalis var. *calvescens* (Kindb.) H. Möller = *Grimmia funalis*
G. gigantea Schimp. = *Didymodon giganteus*
G. gracilis Schleich. ex Schwägr. = *Schistidium trichodon*
G. grisea Cardot = *Grimmia reflexidens*
G. hoffmannii Müll. Hal. = *Grimmia anodon*
G. holleri Molendo = *Grimmia fuscolutea*
G. leucophaea Grev. = *Grimmia laevigata*
G. limprichtii Kern = *Grimmia anodon*
G. longipila Bert. = *Grimmia elatior*
G. meridionalis (Müll. Hal.) E. Maier = *Grimmia trichophylla*
G. meteorae C. C. Towns. = *Grimmia nutans*
G. norvegica Bryhn = *Grimmia unicolor*
G. obtusa Brid. = *Grimmia plagiopodia*
G. obtusa Schwägr. = *Grimmia donniana*
G. ovata F. Weber & D. Mohr = *Grimmia ovalis*
G. patens (Hedw.) Bruch & Schimp. = *Grimmia ramondii*
G. pilosissima Herzog = *Grimmia montana*
G. pitardii Corb. = *Campylostelium pitardii*
G. pyrenaica Kern = *Grimmia caespiticia*
G. recurvata Hedw. = *Seligeria recurvata*
G. retracta Stirt. = *Grimmia lisae*
G. rivularis Brid. = *Schistidium rivulare*
G. schisti Gunnerus ex F. Weber & D. Mohr = *Cnestrinum schistii*
G. schultzei (Brid.) Huebener = *Grimmia decipiens*
G. sessitana De Not. = *Grimmia reflexidens*
G. sphaerica Schimp., nom. superfl. = *Grimmia anodon*
G. spiralis Hook. = *Grimmia funalis*
G. stirtonii Schimp. = *Grimmia trichophylla*
G. strica Turner = *Schistidium strictum*
G. subsulcata Limpr. = *Grimmia reflexidens*
G. sudetica Spreng. ex Schluhr = *Grimmia donniana*
G. tenerrima Renauld & Cardot = *Grimmia alpestris*
G. tergestinoides Culm. = *Grimmia tergestina*
G. trichophylla var. *meridionalis* Müll. Hal. = *Grimmia trichophylla*
G. trichophylla var. *muehlenbeckii* (Schimp.) Husn. = *Grimmia muehlenbeckii*
G. trichophylla var. *stirtonii* (Schimp.) H. Möller = *Grimmia trichophylla*
G. trichophylla var. *subsquarrosa* (Wilson) A.J.E Sm. = *Grimmia trichophylla*
G. trichophylla var. *tenuis* (Wahlenb.) Wijk & Margad. = *Grimmia trichophylla*
G. uncinata Kaulf. = *Grimmia incurva*
G. ungeri Schimp. = *Grimmia alpestris*
Guembelia alpestris (Schleich.) Rabenh. = *Grimmia alpestris*
G. commutata (Huebener) Hampe = *Grimmia ovalis*
G. crinita (Brid.) Hampe = *Grimmia crinita*
Gymnocybe palustris Fries = *Aulacomnium palustre*
Gymnostomum aestivum Hedw. = *Anoetangium aestivum*
G. caespitium F. Weber & D. Mohr = *Blindia caespiticia*
G. compactum Brid. = *Anoetangium aestivum*
G. curvirostrum Hedw. = *Hymenostylium recurvirostrum*
G. fasciculare Hedw. = *Entosthodon fascicularis*
G. heimii Hedw. = *Henediella heimii*
G. intermedium Schwägr. = *Tortula modica*
G. microstomum Hedw. = *Weissia brachycarpa*
G. ovatum Hedw. = *Entosthodon obtusus*
G. pyriforme Hedw. = *Physcomitrium pyriforme*
G. recurvirostrum Hedw. = *Hymenostylium recurvirostrum*
G. rufescens Nees = *Microbryum davallianum*
G. rupestre Schleich. = *Gymnostomum aeruginosum*
G. rutilans Hedw. = *Weissia rutilans*
G. sphaericum Schwägr. = *Physcomitrium sphaericum*
G. subsessile Schwägr. = *Pterygoneurum subsessile*
G. tenue Schrad. ex Hedw. = *Gyroweisia tenue*
G. tetragonum Brid. = *Pyramidula tetragona*
G. tortile Schwägr. = *Weissia condensa*
G. truncatum (Hedw.) Bruch & Schimp. = *Tortula truncata*
Haplohymenium triste (Ces.) Kindb. = *Anomodon tristis*
Harrisonia aquatica Spreng. = *Cinclidotus aquaticus*
Hedwigia albicans Lindb. = *Hedwigia ciliata*
H. aquatica Hedw. = *Cinclidotus aquaticus*
Helicodontium pulvinatum (Wahlenb.) Lindb. = *Myrinia pulvinata*
Helodium lanatum (Brid.) Broth. = *Helodium blandowii*
Heterocladium squarrosulum Lindb. = *Heterocladium dimorphum*
Heterophyllum haldanianum (Grev.) Fleisch. = *Callicladium haldanianum*
H. lorentzianum (Molendo ex Lorentz) G. Roth = *Brotherella lorentziana*
H. nemorosum (Brid.) Kindb. = *Heterophyllum affine*
Homalia besseri Lobarz. = *Neckera besseri*
H. sendtneriana Bruch & Schimp. = *Neckera besseri*
Homalothecium geheebii (Milde) Wigh = *Brachythecium geheebii*
H. nitens (Hedw.) Robins. = *Tomentypnum nitens*
H. trichoides (Lindb.) Boros = *Tomentypnum nitens*
Hookeria splachnoides Schwägr. = *Tayloria splachnoides*
Hyalophyllum latifolium Warnst. = *Stegonia latifolia*
Hygroamblystegium irriguum (Hook. & Wilson) Loeske = *Hygroamblystegium tenax*
H. noterophilum (Sull. & Lesq. ex Sull.) Warnst. = *Hygroamblystegium fluviatile*
Hyrogymmia molis (Bruch & Schimp.) Loeske = *Grimmia molis*
Hygrohypnum dilatatum (Wilson) Loeske = *Hygrohypnum duriusculum*
H. mackay Schimp. = *Hygrohypnum eugyrium*
H. molendinarium (Lam. & DC.) Wijk & Margad. = *Pterigynandrum filiforme*
H. palustre (Brid.) Loeske = *Hygrohypnum luridum*
H. rivulare Broth., nom. superfl. = *Hygrohypnum alpestre*
Hylocomium brevirostre (Brid.) Schimp. = *Loeskeobryum brevirostre*
H. oakesii (Sull.) Schimp. = *Hylocomiastrum pyrenaicum*
H. parietinum Lindb. = *Pleurozium schreberi*
H. proliferum (Hedw.) Lindb. = *Hylocomium splendens*
H. pyrenaicum (Spruce) Lindb. = *Hylocomiastrum pyrenaicum*
H. rugosum De Not. = *Rhytidium rugosum*
H. schreberi (Willd.) De Not. = *Pleurozium schreberi*
H. scorpioides Hedw. = *Scorpidium scorpioides*
H. squarrosus (Hedw.) Bruch & Schimp. = *Rhytidiadelphus squarrosus*
H. squarrosus var. *subpinnatum* Lindb. = *Rhytidiadelphus subpinnatus*
H. subpinnatum Lindb. = *Rhytidiadelphus subpinnatus*
H. triquetrum (Hedw.) Bruch & Schimp. = *Rhytidiadelphus triquetrum*
H. umbratum (Hedw.) Schimp. = *Hylocomiastrum umbratum*
Hymenostomum microstomum (Hedw.) R. Br. = *Weissia brachycarpa*
H. squarrosus Nees & Hornsch. = *Weissia squarrosa*
H. tortile (Schwägr.) Bruch & Schimp. = *Weissia condensa*
H. convolutum Hampe = *Weissia brachycarpa*
H. myelanii J.J. Amann = *Weissia brachycarpa*
H. triquetrum Spruce = *Acaulon triquetrum*
Hymenostylium curvirostrum Mitt. = *Hymenostylium recurvirostrum*
Hyocodium flagellare Bruch & Schimp. = *Hyocodium armoricum*
Hypnum abietinum Hedw. = *Abietinella abietina*
H. aduncum Hedw. = *Drepanocladus aduncus*
H. aduncum var. *revolvens* Rabenh. = *Scorpidium revolvens*

- H. affine* Somm. = *Campylophyllum sommerfeltii*
H. albicans Neck. ex Hedw. = *Brachythecium albicans*
H. alopecuroides Dubois = *Isothecium alopecuroides*
H. alopecurum L. = *Thamnobryum alopecurum*
H. alpinum Schimp. = *Hygrohypnum alpinum*
H. androgynum Wilson = *Oxyrrhynchium speciosum*
H. arcuatum Lindb. = *Calliergonella cuspidata*
H. atrovirens Dicks. = *Pseudoleskea incurvata*
H. attenuatum (Hedw.) Sm. = *Anomodon attenuatus*
H. breidlerii Jur. = *Calliergon richardsonii*
H. catenulatum (Schrad.) Brid. = *Pseudoleskeella catenulata*
H. chrysophyllum Brid. = *Campyliadelphus chrysophyllum*
H. ciliare Brid. = *Fabronia ciliaris*
H. cirrosum Schwägr. = *Brachythecium cirrosum*
H. coelophyllum Molendo = *Hypnum revolutum*
H. commutatatum Schimp. = *Palustriella commutata*
H. condensatum Schimp. = *Hypnum bambergeri*
H. confervoides Brid. = *Amblystegium confervoides*
H. cordifolium Hedw. = *Calliergon cordifolium*
H. cossonii Schimp. = *Scorpidium cossonii*
H. crinale Schleich. = *Hypnum fertile*.
H. crista-castrensis Hedw. = *Ptilium crista-castrensis*
H. cupressiforme var. *mammillatum* Brid. = *Hypnum andoi*
H. curtum Lindb. = *Sciuro-hypnum oedipodium*
H. curvatum Sw. = *Isothecium alopecuroides*
H. curvicaule Jur. = *Cratoneuron curvicaule*
H. cuspidatum Hedw. = *Calliergonella cuspidata*
H. delicatulum Hedw. = *Thuidium delicatulum*
H. denticulatum Hedw. = *Plagiothecium denticulatum*
H. depressum (Brid.) Mitt. = *Taxiphyllum wissgrillii*
H. dilatatum var. *duriusculum* Limpr. = *Hygrohypnum duriusculum*
H. ericetorum (Bruch & Schimp.) Loeske = *Hypnum jutlandicum*
H. exannulatum Bruch & Schimp. = *Warnstorfia exannulata*
H. fastigiatum Brid. = *Hypnum recurvatum*
H. filicinum Hedw. = *Cratoneuron filicinum*
H. filiforme (Brid.) Loeske = *Hypnum andoi*
H. filiforme (Lam.) Müll. Hal. = *Sciuro-hypnum flotowianum*
H. filiforme Timm. = *Pterigynandrum filiforme*
H. filiforme Vill. non (Brid.) Loeske = *Pterigynandrum filiforme*
H. fluitans Hedw. = *Warnstorfia fluitans*
H. fluitans var. *pseudostramineum* Milde = *Warnstorfia pseudostraminea*
H. giganteum Schimp. = *Calliergon giganteum*
H. glabratum Broth. = *Sciuro-hypnum populeum*
H. haldanianum Grev. = *Callicladium haldanianum*
H. halleri Sw. = *Campylophyllum halleri*
H. hamifolium Schimp. = *Drepanocladus sendtneri*
H. heufleri Jur. = *Hypnum revolutum*
H. hians Hedw. = *Oxyrrhynchium hians*
H. hispidulum auct. eur. = *Campylophyllum sommerfeltii*
H. hrysostomum Müll. Hal. = *Brachythecium rivulare*
H. incurvatum Schrad. = *Homomallium incurvatum*
H. intermedium Lindb. = *Scorpidium cossonii*
H. intricatum Schreb. = *Brachytheciastrum velutinum*
H. irriguum Hook. & Wilson = *Hygroamblystegium tenax*
H. kneiffii Schimp. = *Drepanocladus aduncus*
H. cupressiforme var. *lacuosum* Brid. = *Hypnum lacuosum*
H. lindbergii Mitt. = *Calliergonella lindbergii*
H. longirostrum Ehrh. = *Eurhynchium striatum*
H. loreum Hedw. = *Rhytidadelphus loreus*
H. lucens L. = *Hookeria lucens*
H. luridum Hedw. = *Hygrohypnum luridum*
H. lutescens Hedw. = *Homalothecium lutescens*
H. lycopodioides Brid. = *Pseudocalliergon lycopodioides*
H. mammillatum (Brid.) Loeske = *Hypnum andoi*
H. mammillatum Bruch & Schimp. ex Hartm. = *Hypnum pallescens*
H. mildeanum Schimp. = *Brachythecium mildeanum*
H. molle Dicks. = *Hygrohypnum molle*
H. molluscum Hedw. = *Ctenidium molluscum*
H. muhlenbeckii Schimp. = *Herzogiella striatella*
H. murale Hedw. = *Rhynchostegium murale*
H. mutabile Brid. = *Lescuraea mutabilis*
H. myosuroides Brid. = *Isothecium myosuroides*
H. myurum Poll. = *Isothecium alopecuroides*
H. nemorosum Koch ex Brid. = *Heterophyllum affine*
H. nervosum Müll. Hal. non Harv. in Hook., hom. illeg. = *Pseudoleskeella nervosa*
H. nitens Hedw. = *Tomentypnum nitens*
H. ochraceum Turner = *Hygrohypnum ochraceum*
H. palustre Brid. = *Hygrohypnum luridum*
H. pellucidum Wilson = *Hamatocaulis vernicosus*
H. petraeum Boulay = *Hypnum procerrimum*
H. philippeanum Milde = *Homalothecium philippeanum*
H. piliferum Hedw. = *Cirriphyllum piliferum*
H. plumosum Hedw. = *Sciuro-hypnum plumosum*
H. polycarpum Blandow = *Drepanocladus aduncus*
H. polygamum Schimp. = *Drepanocladus polygamus*
H. populeum Hedw. = *Sciuro-hypnum populeum*
H. praelongum auct. non Hedw. = *Oxyrrhynchium hians*
H. praelongum Hedw. = *Kindbergia praelonga*
H. pratense W.D.J. Koch ex Spruce = *Breidlera pratensis*
H. protensum Brid. = *Campylium protensum*
H. protuberans Brid. = *Hypnum pallescens*
H. pseudostramineum Müll. Hal. = *Warnstorfia pseudostraminea*
H. pulchellum (Hedw.) Dicks. ex Brid. non Brid. ex Hedw. = *Isopterygiopsis pulchella*
H. pulchellum Brid. ex Hedw. non (Hedw.) Dicks. ex Brid. = *Eurhynchiastrum pulchellum*
H. purum Hedw. = *Pseudoscleropodium purum*
H. radicale P. Beauv. = *Amblystegium radicale*
H. reflexum Starke = *Sciuro-hypnum reflexum*
H. repens Schur = *Platygyrium repens*
H. cupressiforme var. *resupinatum* (Taylor) Schimp. = *Hypnum resupinatum*
H. revolvens (Sm.) Baumg. = *Scorpidium revolvens*
H. revolvens Sw. = *Scorpidium revolvens*
H. richardsonii (Mitt.) Lesq. & James = *Calliergon richardsonii*
H. riparioides Hedw. = *Platyhypnidium riparioides*
H. riparium Hedw. = *Leptodictyum riparium*
H. rivulare (Bruch & Schimp.) Bruch = *Brachythecium rivulare*
H. rufescens Haller = *Orthothecium rufescens*
H. rugelii Müll. Hal. = *Anomodon rugelii*
H. ruscifolium Neck = *Platyhypnidium riparioides*
H. rusciforme Weiss ex Brid. = *Platyhypnidium riparioides*
H. rutabulum Hedw. = *Brachythecium rutabulum*
H. rutabulum var. *campestre* Müll. Hal. = *Brachythecium campestre*
H. rutabulum var. *explanatum* Brid. = *Sciuro-hypnum oedipodium*
H. salebrosus Hoffm. ex F. Weber & D. Mohr = *Brachythecium salebrosus*
H. sarmentosum Wahlenb. = *Warnstorfia sarmentosa*
H. sciuroides L. = *Leucodon sciuroides*
H. scorpioides Hedw. = *Scorpidium scorpioides*
H. seligeri Brid. = *Herzogiella seligeri*
H. sendtneri Schimp. = *Drepanocladus sendtneri*
H. serpens Hedw. = *Amblystegium serpens*
H. serpens var. *compactum* Hook. = *Conardia compacta*
H. silesiacum Selig. = *Herzogiella seligeri*
H. sommerfeltii Myrin = *Campylophyllum sommerfeltii*
H. speciosum Brid. = *Oxyrrhynchium speciosum*

- H. squarrosus* var. *calvescens* (Wilson) Hobkirk. = **Rhytidiadelphus subpinnatus**
H. stellatum Hedw. = **Campylium stellatum**
H. stramineum Dicks. ex Brid. = **Straminergon stramineum**
H. striatum Hedw. = **Eurhynchium striatum**
H. strigosum Hoffm. ex F. Weber & D. Mohr = **Eurhynchiastrium pulchellum**
H. styriacum Limpr. = **Hygrohypnum styriacum**
H. sylvaticum Brid. = **Plagiothecium nemorale**
H. tamariscinum L. = **Thuidium tamariscinum**
H. tectorum Funck ex Brid. = **Hypnum cupressiforme**
H. tenax Hedw. = **Hygroamblystegium tenax**
H. tenue Spreng. = **Drepanocladus aduncus**
H. tenuissimum Gümberl = **Amblystegium subtile**
H. trichomanoides Hedw. = **Homalia trichomanoides**
H. trifarium var. *sarmentosum* Rabenh. = **Warnstorfia sarmentosa**
H. umbratum (Ehrh.) Hedw. = **Hylacomiastrum umbratum**
H. uncinatum Hedw. = **Sanionia uncinata**
H. undulatum Hedw. = **Plagiothecium undulatum**
H. velutinoides Bruch = **Sciuro-hypnum flotowianum**
H. velutinoides Voit non Bruch = **Eurhynchiastrium pulchellum**
H. velutinum Hedw. = **Brachytheciastrum velutinum**
H. vernicosus Lindb. = **Hamatocaulis vernicosus**
H. wilsonii (Lindb.) Schimp. = **Drepanocladus sendtneri**
Isopterygiopsis borrierianum (Spruce) Lindb. = **Pseudotaxiphyllum elegans**
I. densifolium Lindb. = **Taxiphyllum densifolium**
Isopterygium depressum (Brid.) Mitt. = **Taxiphyllum wissgrillii**
I. elegans (Brid.) Lindb. = **Pseudotaxiphyllum elegans**
I. muellerianum (Schimp.) A. Jaeger = **Isopterygiopsis muelleriana**
I. piliferum (Hartm.) Loeske = **Plagiothecium piliferum**
I. pulchellum (Hedw.) A. Jaeger = **Isopterygiopsis pulchella**
I. seligeri (Brid.) Dixon = **Herzogiella seligeri**
Isothecium filescens (Brid.) Mönk. = **Plasteurhynchium striatulum**
I. myurum Brid. = **Isothecium alopecuroides**
I. ornithopodioides Boulay = **Pterogonium gracile**
I. philippeanum Spruce = **Homalothecium philippeanum**
I. rufescens Huebener = **Orthothecium rufescens**
I. striatulum (Spruce) Kindb. = **Plasteurhynchium striatulum**
I. viviparum Lindb. = **Isothecium alopecuroides**
Jungermannia alpina L. = **Andreaea rupestris**
Leptodictyum humile (P. Beauv.) Ochyra = **Hygroamblystegium humile**
L. hygrophilum Jur. = **Amblystegium radicale**
L. kochii (Schimp.) Warnst. = **Hygroamblystegium humile**
L. leptophyllum (Schimp.) Warnst. = **Leptodictyum riparium**
Leptodontium norvegicum Kaal. = **Bartramia pomiformis**
L. pergemascens Broth. = **Leptodontium flexifolium**
Leptohymenium filiforme Huebener = **Pterigynandrum filiforme**
L. repens Hampe = **Platygyrium repens**
Leptotrichum cylindricum (Hedw.) Venturi & Bott. = **Trichodon cylindricus**
L. flexicaule (Schwäger.) Hampe = **Ditrichum flexicaule**
L. glaucescens (Hedw.) Hampe ex Schimp. = **Saelania glaucescens**
L. homomallum Schimp. = **Ditrichum heteromallum**
L. pallidum (Hedw.) Hampe = **Ditrichum pallidum**
L. subulatum Hampe = **Ditrichum subulatum**
L. tortile (Schrad.) Hampe = **Ditrichum pusillum**
L. tortile var. *pusillum* Schimp. = **Ditrichum pusillum**
L. vaginans (Sull.) Molendo = **Ditrichum lineare**
Lescurea atrovirens (Brid.) Kindb. = **Pseudoleskea incurvata**
L. decipiens (Limpr.) Loeske = **Lescurea saxicola**
L. incurvata (Hedw.) E. Lawton = **Pseudoleskea incurvata**
L. mutabilis var. *saxicola* (Bruch & Schimp.) Milde = **Lescurea saxicola**
L. patens Lindb. = **Pseudoleskea patens**
L. plicata (Schleich. ex F. Weber & D. Mohr) Broth. = **Ptychodium plicatum**
L. radicata (Mitt.) Mönk. = **Pseudoleskea radicata**
L. saviana (De Not.) E. Lawton = **Pseudoleskea saviana**
L. striata (Schwäger.) Bruch & Schimp. = **Lescurea mutabilis**
L. striata var. *saxicola* Schimp. = **Lescurea saxicola**
Leskea attenuata Hedw. = **Anomodon attenuatus**
L. catenulata (Mitt.) Brid. = **Pseudoleskeella catenulata**
L. complanata Hedw. = **Neckera complanata**
L. curvata Voit = **Isothecium alopecuroides**
L. incurvata (Hedw.) E. Lawton = **Pseudoleskea incurvata**
L. nervosa (Brid.) Myrin = **Pseudoleskeella nervosa**
L. pallescens Hedw. = **Hypnum pallescens**
L. paludosa Hedw. = **Leskea polycarpa**
L. polyantha Schwäger. = **Pylaisia polyantha**
L. pulvinata Wahl. = **Myrinia pulvinata**
L. rostrata Hedw. = **Anomodon rostratus**
L. rufescens Schwäger. = **Orthothecium rufescens**
L. seligeri Brid. = **Herzogiella seligeri**
L. subnervis Schwäger. = **Myrinia pulvinata**
L. subtilis Hedw. = **Amblystegium subtile**
L. tectorum (A. Br.) Lindb. = **Pseudoleskeella tectorum**
L. trichomanoides Hedw. = **Homalia trichomanoides**
L. tristis Ces. = **Anomodon tristis**
L. varia Hedw. = **Hygroamblystegium varium**
Leskeella incrassata (Lindb. ex Brith.) Broth. = **Pseudoleskeella nervosa**
L. nervosa (Brid.) Loeske = **Pseudoleskeella nervosa**
L. tectorum (Brid.) Broth. = **Pseudoleskeella tectorum**
Leucobryum albidum (Brid. ex P. Beauv.) Lindb. = **Leucobryum juniperoideum**
L. glaucum subsp. *albidum* (Hedw.) Dixon & Jameson = **Leucobryum juniperoideum**
Limnobia alpestre (Sw.) Schimp. = **Hygrohypnum alpestre**
L. alpinum Schimp. = **Hygrohypnum alpinum**
L. molle (Dicks.) Schimp. = **Hygrohypnum molle**
L. palustre (Hedw.) Schimp. = **Hygrohypnum luridum**
L. styriacum G. Roth = **Hygrohypnum styriacum**
Limprichtia intermedia (Lindb.) Loeske = **Scorpidium cossonii**
L. revolvens (Sw. ex anon.) Loeske = **Scorpidium revolvens**
L. vernicosa Loeske = **Hamatocaulis vernicosus**
L. cossonii (Schimp.) L.E. Anderson = **Scorpidium cossonii**
Meesia albertinii Bruch & Schimp. = **Meesia hexasticha**
M. alpina Funck = **Meesia uliginosa**
M. dealbata Hedw. = **Amblyodon dealbatus**
M. trichodes (Hedw.) Spruce = **Meesia uliginosa**
M. trifaria H.A. Crum, Steere & L.E. Anderson = **Meesia triquetra**
M. tristicha Bruch = **Meesia triquetra**
Metaneckera menziesii (Drumm.) Steere = **Neckera menziesii**
Microbryum piptocarpum (Durieu & Mont.) J. Guerra & M.J. Cano = **Microbryum curvicollum**
Mildeella bryoides (Dicks.) Limpr. = **Protobryum bryoides**
Mniobryum albicans (Wahlenb.) Limpr. = **Pohlia wahlenbergii**
M. atropurpureum (Wahlenb.) I. Hagen = **Pohlia atropurpurea**
M. carneum (Schimp.) Limpr. = **Pohlia melanodon**
M. delicatulum (Hedw.) Dixon = **Pohlia melanodon**
M. ludwigii (Schwäger.) Loeske = **Pohlia ludwigii**
M. pulchellum (Hedw.) Loeske = **Pohlia lescuriana**
M. wahlenbergii (F. Weber & D. Mohr) Jenn. = **Pohlia wahlenbergii**
Mnium affine Blandow = **Plagiomnium affine**
M. affine var. *elatum* Bruch & Schimp. = **Plagiomnium elatum**
M. affine var. *medium* Bruch & Schimp. = **Plagiomnium medium**

- M. ambiguum* H. Müll. = *Mnium lycopodioides*
M. androgynum L. = *Aulacomnium androgynum*
M. bimum Brid. = *Bryum pseudotriquetrum*
M. cinclidioides Huebener = *Pseudobryum cinclidioides*
M. crudum Hedw. = *Pohlia cruda*
M. cuspidatum Hedw. = *Plagiomnium cuspidatum*
M. cuspidatum Necker, non Hedw. = *Plagiomnium affine*
M. ellipticum Brid. = *Plagiomnium ellipticum*
M. fontanum Hedw. = *Philonotis fontana*
M. hymenophylloides Huebener = *Cyrtomnium hymenophylloides*
M. inclinatatum Lindb., hom. illeg. = *Mnium lycopodioides*
M. ligulatum Schreb. = *Plagiomnium undulatum*
M. longirostre Brid. = *Plagiomnium rostratum*
M. lycopodioides subsp. *orthorrhynchum* (Hartm.) Wijk & Margad. = *Mnium thomsonii*
M. magnifolium Horik. = *Rhizomnium magnifolium*
M. marchicum Hedw. = *Philonotis marchica*
M. marginatum var. *riparium* (Mitt.) Husn. = *Mnium marginatum*
M. medium Bruch & Schimp. = *Plagiomnium medium*
M. orthorrhynchum (Hartm.) Müll. Hal., hom. illeg. = *Mnium thomsonii*
Mnium orthorrhynchum auct. rom. = *Mnium thomsonii*
M. orthorrhynchum Brid. non (Hartm.) Müll. Hal. = *Mnium thomsonii*
M. orthorrhynchum var. *lycopodioides* Husn. = *Mnium thomsonii*
M. orthorrhynchum var. *tenellum* Bruch & Schimp. = *Mnium lycopodioides*
M. osmundacum Dicks. = *Schistostega pennata*
M. palustre Hedw. = *Aulacomnium palustre*
M. proliferum Leyss. = *Rhodobryum roseum*
M. pseudopunctatum Bruch & Schimp. = *Rhizomnium pseudopunctatum*
M. punctatum Hedw. = *Rhizomnium punctatum*
M. punctatum var. *elatum* Schimp. = *Rhizomnium magnifolium*
M. riparium Mitt., nom. inval. = *Mnium marginatum*
M. roseum Hedw. = *Rhodobryum roseum*
M. rostratum Schrad. = *Plagiomnium rostratum*
M. rugicum Laur. = *Plagiomnium ellipticum*
M. seligeri Jur. = *Plagiomnium elatum*
M. serpyllifolium var. *undulatum* (Hedw.) Jolycl. = *Plagiomnium undulatum*
M. serratum Brid. = *Mnium marginatum*
M. stellatum Lam. = *Mnium hornum*
M. subglobosum Bruch & Schimp. = *Rhizomnium pseudopunctatum*
M. turbinatum Hedw. = *Bryum turbinatum*
M. undulatum Hedw. = *Plagiomnium undulatum*
Mollia crisa Lindb. = *Weissia longifolia*
M. rutilans Lindb. = *Weissia rutilans*
Neckera curtispindula Hedw. = *Antitrichia curtispindula*
N. filiformis Timm = *Pterigynandrum filiforme*
N. sendtneriana Bruch & Schimp. = *Neckera besseri*
N. splachnoides Schwägr. = *Anacamptodon splachnoides*
N. viticulosus Brid. = *Anomodon viticulosus*
N. webbiana (Mont.) Düll = *Homalia webbiana*
Niphotrichum canescens (Hedw.) Bednarek-Ochyra & Ochyra = *Racomitrium canescens*
N. canescens var. *intermedium* Venturi & Bott. = *Racomitrium elongatum*
N. elongatum (Frisvoll) Bednarek-Ochyra & Ochyra = *Racomitrium elongatum*
N. ericoides (Brid.) Bednarek-Ochyra & Ochyra = *Racomitrium ericoides*
Nyholmiella gymnostoma (Brid.) Holmen & Warncke = *Orthotrichum gymnostomum*
N. obtusifolia (Brid.) Holmen & Warncke = *Orthotrichum obtusifolium*
Octodicerus fontanum (Bach. Pyl.) Lindb. = *Fissidens fontanus*
O. julianum (Savi ex Lam. & DC.) Brid. = *Fissidens fontanus*
Oligotrichum incurvum Lindb. = *Oligotrichum hercynicum*
Oncophorus cerviculatus Brid. = *Dicranella cerviculata*
O. falcatus Brid. = *Kiaeria falcata*
O. polycarpus (Hedw.) Brid. = *Cynodontium polycarpon*
O. pusillus Brid. = *Dicranella cerviculata*
O. Herzog = *Oncophorus wahlenbergii*
O. squarrosus Brid. = *Dichodontium palustre*
O. strumifer Brid. = *Cynodontium strumiferum*
Oreoweisia bruntonii (Sm.) Milde = *Cynodontium bruntonii*
O. mulhaceni Höhn. = *Cynodontium bruntonii*
Orthodicranum montanum (Hedw.) Loeske = *Dicranum montanum*
O. flagellare (Hedw.) Loeske = *Dicranum flagellare*
O. fragilifolium (Lindb.) Podp. = *Dicranum fragilifolium*
O. fulvum (Hook.) G. Roth ex Casares-Gil = *Dicranum fulvum*
O. strictum Schleich. ex D. Mohr, hom. illeg. = *Dicranum tauricum*
O. tauricum (Sapjegin) Smirnova = *Dicranum tauricum*
Orthothecium binervulum Molendo = *Orthothecium strictum*
Orthotrichum elegans auct. eur., non Schwägr. = *Orthotrichum speciosum*
O. fastigiatum Bruch ex Brid. = *Orthotrichum affine*
O. affine var. *patens* Garov. = *Orthotrichum patens*
O. appendiculatum Schimp. = *Orthotrichum affine*
O. arnellii Gronv. = *Orthotrichum pallens*
O. braunii Bruch & Schimp. = *Orthotrichum stellatum*
O. coarctatum P. Beauv. = *Ulota coarctata*
O. crispulum (Bruch) Hornsch. ex Bruch & Schimp. = *Ulota crisa*
O. crispum Hedw. = *Ulota crisa*
O. fallax Bruch ex Brid. = *Orthotrichum pumilum*
O. fallax var. *philibertii* Venturi = *Orthotrichum philibertii*
O. fastigiatum Bruch ex Brid. = *Orthotrichum affine*
O. hutchinsiae Sm. = *Ulota hutchinsiae*
O. killaisii Müll. Hal. = *Orthotrichum speciosum*
O. leiocarpum Bruch & Schimp. = *Orthotrichum striatum*
O. leucomitrium Bruch & Schimp. = *Orthotrichum scanicum*
O. ludwigii Brid. = *Ulota coarctata*
O. neglectum Schimp. = *Orthotrichum affine*
O. nigritum Bruch & Schimp. = *Ulota hutchinsiae*
O. nudum Dicks. = *Orthotrichum pumilum*
O. octoblephare Brid. = *Orthotrichum affine*
O. octoblepharum Baumg. = *Fabronia ciliaris*
O. pallidum Gronvall = *Orthotrichum pallens*
O. pumilum var. *philibertii* Venturi = *Orthotrichum philibertii*
O. saxatile Schimp. = *Orthotrichum anomalum*
O. splachnoides Frol. = *Anacamptodon splachnoides*
O. stramineum subsp. *patens* (Bruch) Giacom. = *Orthotrichum patens*
O. stramineum var. *patens* (Bruch ex Brid.) Venturi = *Orthotrichum patens*
O. sturmii Hoppe & Hornsch. = *Orthotrichum rupestre*
O. subalpinum Limpr. = *Orthotrichum rogeri*
Orthodicranum montanum (Hedw.) Loeske = *Dicranum montanum*
Oxyrrhynchium pallidirostrum (Wilson) Loeske = *Oxyrrhynchium pumilum*
O. praelongum (Hedw.) Warnst. = *Kindbergia praelonga*
O. swartzii (Turner) Warnst. = *Oxyrrhynchium hians*
Oxystegus cylindricus (Brid.) Hilp. = *Oxystegus tenuirostris*
Paraleucobryum fulvum (Hook.) Loeske = *Dicranum fulvum*
P. viride (Sull. & Lesq.) Podp. = *Dicranum viride*
Pharomitrium subsessile (Brid.) Schimp. = *Pterygoneurum subsessile*
Phascum acaulon With. = *Phascum cuspidatum*
P. alternifolium Kaulf. = *Pleuridium subulatum*

- P. axillare* Dicks. = *Pseudophemerum nitidum*
P. badium Voit = *Microbryum floerkeanum*
P. bryoides Dicks. = *Protobryum bryoides*
P. crispum Hedw. = *Weissia longifolia*
P. curvicolium Hedw. = *Microbryum curvicolium*
P. curvisetum Brid. = *Phascum cuspidatum*
P. floerkeanum F. Weber & D. Mohr = *Microbryum floerkeanum*
P. heterophyllum De Not. = *Ephemerum cohaerens*
P. muticum Schreb. = *Acaulon muticum*
P. nitidum Hedw. = *Pseudophemerum nitidum*
P. patens Hedw. = *Physcomitrella patens*
P. piptocarpum Durieu & Mont. = *Microbryum curvicolium*
P. recurvifolium Dicks. = *Ephemerum recurvifolium*
P. serratum Hedw. = *Ephemerum serratum*
P. subulatum Bruch = *Pleuridium acuminatum*
P. triquetrum Spruce = *Acaulon triquetrum*
Philonotis alpicola Jur. = *Philonotis tomentella*
Ps capillaris auct. non Lindb. = *Philonotis arnellii*
P. fontana var. *caespitosa* (Jur.) Schimp. = *Philonotis caespitosa*
P. fontana var. *pumila* (Turner) Brid. = *Philonotis tomentella*
P. fontana var. *tomentella* Dixon = *Philonotis tomentella*
Physcomitrium acuminatum Bruch & Schimp. = *Physcomitrium eurystomum*
P. patens (Hedw.) Mitt. = *Physcomitrella patens*
P. sphaericum var. *eurystomum* Husn. = *Physcomitrium eurystomum*
Plagiomnium rugicum (Laur.) T.J. Kop. = *Plagiomnium ellipticum*
Plagiopus oederi (Brid.) Limpr. = *Plagiopus oederianus*
Plagiotheciella latebricola (Bruch & Schimp.) Fleisch. ex Broth. = *Plagiothecium latebricola*
Plagiothecium demissum (Wilson) Dixon = *Sematophyllum demissum*
P. densifolium Limpr. = *Taxiphyllum densifolium*
P. denticulatum var. *obtusifolium* (Turner) Moore = *Plagiothecium denticulatum*
P. depressum (Bruch) Dixon = *Taxiphyllum wissgrillii*
P. elegans (Hook.) Sull. = *Pseudotaxiphyllum elegans*
P. incurvatum (Schrad.) De Not. = *Homomallium incurvatum*
P. muehlenbeckii Schimp. = *Herzogiella striatella*
P. muellerianum Schimp. = *Isopterygiopsis muelleriana*
P. neglectum Mönk. = *Plagiothecium nemorale*
P. nitidulum (Wahlenb.) Bruch & Schimp. = *Isopterygiopsis pulchella*
P. pulchellum (Hedw.) Schimp. = *Isopterygiopsis pulchella*
P. repens Lindb. = *Herzogiella seligeri*
P. roeseanum Schimp. = *Plagiothecium cavifolium*
P. rosei Schimp. = *Plagiothecium cavifolium*
P. ruthei Limpr. = *Plagiothecium denticulatum*
P. ruthei var. *rupicola* Limpr. = *Plagiothecium platyphyllum*
P. silesiacum (P. Beauv.) Bruch & Schimp. = *Herzogiella seligeri*
P. striatellum (Brid.) Lindb. = *Herzogiella striatella*
P. sylvaticum auct. non *Hypnum sylvaticum* Brid. = *Plagiothecium nemorale*
P. sylvaticum var. *auritum* Kern = *Plagiothecium denticulatum*
Platydictya confervoides (Brid.) H.A. Crum = *Amblystegium confervoides*
P. subtilis (Hedw.) H.A. Crum = *Amblystegium subtile*
Pleuridium alternifolium (Dicks.) Rabenh. = *Pleuridium subulatum*
P. axillare (Sm.) Lindb. = *Pseudophemerum nitidum*
P. nitidum (Hedw.) Rabenh. = *Pseudophemerum nitidum*
P. palustre (Bruch & Schimp.) Bruch & Schimp. = *Cleistocarpidium palustre*
P. subulatum (Huds.) Rabenh. = *Pleuridium acuminatum*
Pogonatum alpinum (Hedw.) Rohl. = *Polytrichastum alpinum*
P. arcticum Schrad. = *Polytrichastum alpinum*
P. nanum Lindb., non (Hedw.) P. Beauv. = *Pogonatum aloides*
Pogonatum polytrichoides (Balb.) P. Beauv. = *Pogonatum nanum*
Pogonatum septentrionale Röhl. = *Polytrichastum alpinum*
P. subrotundum Lindb. = *Pogonatum nanum*
Pohlia acuminata Hornsch. = *Pohlia elongata*
P. albicans (Wahlenb.) Lindb. = *Pohlia wahlenbergii*
P. ambigua (Limpr.) Broth. = *Pohlia elongata*
P. camptotrachela auct. non (Renauld & Cardot) Broth. = *Pohlia annotina*
Pohlia carnea (Schimp.) Lindb. = *Pohlia melanodon*
Pohlia commutata (Schimp.) Lindb. = *Pohlia drummondii*
Pohlia cucullata (Schwägr.) Lindb. = *Pohlia obtusifolia*
Pohlia delicatula (Hedw.) Grout = *Pohlia melanodon*
Pohlia drummondii var. *gracilis* Podp. = *Pohlia filum*
Pohlia erecta G. Roth = *Pohlia filum*
P. filiformis Andr. = *Anomobryum julaceum*
P. gracilis (Bruch & Schimp.) Lindb. = *Pohlia filum*
P. grandiflora H. Lindb. = *Pohlia annotina*
P. imbricata Schwägr. = *Bryum kunzei*
P. inclinata Schimp. = *Bryum archangelicum*
P. minor Schwägr. = *Pohlia elongata*
P. pallens Brid. = *Bryum pallens*
P. polymorpha Hoppe & Hornsch. = *Pohlia elongata*
P. polyseta Hoppe & Hornsch. = *Pohlia elongata*
P. pulchella (Hedw.) Lindb. = *Pohlia lescuriana*
P. rothii (Corr. ex Limpr.) Broth. = *Pohlia andalusica*
P. rutilans (Schimp.) Lindb. = *Pohlia nutans*
P. schimperi (Müll. Hal.) A.L. Andrews ex Grout. = *Pohlia nutans*
P. schleicheri H.A. Crum = *Pohlia filum*
P. torrentium (I. Hagen) Broth. = *Pohlia filum*
P. zieri Schwägr. = *Plagiobryum zieri*
Polla horna (Hedw.) Brid. ex Loeske = *Mnium hornum*
P. inclinata (Lindb.) Loeske = *Mnium lycopodioides*
P. marginata (Dicks.) Loeske = *Mnium marginatum*
P. orthorhyncha (Brid.) Brid. ex Loeske = *Mnium thomsonii*
P. riparia (Mitt.) Loeske = *Mnium marginatum*
P. spinosa (Voit) Loeske = *Mnium spinosum*
P. spinulosa (Bruch & Schimp.) Loeske = *Mnium spinulosum*
P. stellaris (Reich.) Loeske = *Mnium stellare*
Polytrichastrum alpinum var. *fragile* (Bryhn) D.G. Long = *Polytrichastum alpinum*
P. alpinum var. *septentrionale* (Sw. ex Brid.) G.L. Sm. = *Polytrichastum alpinum*
P. longisetum var. *anomalum* (Milde) Ignatov & G.L. Merr. = *Polytrichastrum longisetum*
P. norwegicum (Hedw.) Schljakov = *Polytrichastum alpinum*
Polytrichum affine Funck = *Polytrichum strictum*
P. aloides Hedw. = *Pogonatum aloides*
P. alpestre Hoppe = *Polytrichum strictum*
P. alpestre var. *affine* Baumg. = *Polytrichum strictum*
P. alpinum Hedw. = *Polytrichastum alpinum*
P. alpinum var. *arcticum* (Sw. ex Brid.) Wahlenb. = *Polytrichastum alpinum*
P. attenuatum Menz. ex Brid. = *Polytrichastrum formosum*
P. commune var. *humile* Sw. = *Polytrichum commune*
P. commune var. *perigoniale* (Michx.) Hampe = *Polytrichum commune*
P. commune var. *uliginosum* Wallr. = *Polytrichum uliginosum*
P. decipiens Limpr. = *Polytrichastrum pallidisetum*
P. formosum Hedw. = *Polytrichastrum formosum*
P. formosum var. *pallidisetum* (Funck) Steudel = *Polytrichastrum pallidisetum*
P. gracile Dicks. ex Menz. = *Polytrichastrum longisetum*
P. hybridum Plam. = *Polytrichastrum pallidisetum*

- P. juniperinum* subsp. *strictum* (Brid.) Nyl. & Saelän = ***Polytrichum strictum***
P. leonii Papp = ***Polytrichum commune***
P. longisetum Sw. ex Brid. = ***Polytrichastrum longisetum***
P. nanum Hedw. = ***Pogonatum nanum***
P. norwegicum Hedw. = ***Polytrichastrum sexangulare***
P. ohioense auct. non Renault & Cardot = ***Polytrichastrum pallidisetum***
P. pallidisetum Funck = ***Polytrichastrum pallidisetum***
P. pallidisetum Funck. = ***Polytrichastrum pallidisetum***
P. perigoniale Michx. = ***Polytrichum commune***
P. piliferum var. *hoppei* (Hornsch.) Haller = ***Polytrichum piliferum***
P. pilosum Lindb. = ***Polytrichum piliferum***
P. pumilum Sw. = ***Pogonatum aloides***
P. septentrionale Sw. ex Brid. = ***Polytrichastrum alpinum***
P. sexangulare Hedw. = ***Polytrichastrum sexangulare***
P. urnigerum L. = ***Pogonatum urnigerum***
P. yuccaeifolium Baumg. = ***Polytrichum commune***
P. yuccaeifolium Ehrh. = ***Polytrichum commune***
Pottia bryoides (Dicks.) Mitt. = ***Protobryum bryoides***
P. caespitosa (Brid.) Müll. Hal. = ***Pottiopsis caespitosa***
P. cavifolia Ehrh. = ***Pterygoneurum ovatum***
P. cavifolia var. *incana* (Nees & Hornsch.) Schimp. = ***Pterygoneurum ovatum***
P. commutata Limpr. = ***Microbryum davallianum***
P. conica (Schleich. ex Schwägr.) Fűrnr. ex Paris = ***Microbryum davallianum***
P. crinita Bruch & Schimp. = ***Tortula viridifolia***
P. cuneifolia Solms = ***Tortula viridifolia***
P. davalliana (Sm.) C.E.O. Jensen = ***Microbryum davallianum***
P. heimii (Hedw.) Hampe = ***Hennediella heimii***
P. intermedia (Turner) Fűrnr. = ***Tortula modica***
P. lanceolata (Hedw.) Müll. Hal. = ***Tortula lanceola***
P. lanceolata var. *intermedia* Schimp. = ***Tortula modica***
P. latifolia (Schwägr.) Müll. Hal. = ***Stegonia latifolia***
P. minutula (Schwägr.) Fűrnr. ex Hampe = ***Microbryum davallianum***
P. notarisii Schimp. = ***Tortula viridifolia***
P. recta (With.) Mitt. = ***Microbryum rectum***
P. rufescens Schultz = ***Microbryum davallianum***
P. starckeana (Hedw.) Müll. Hal. = ***Microbryum starckeanum***
P. sessile Bruch & Schimp. = ***Pterygoneurum sessile***
P. truncata (Hedw.) Bruch & Schimp. = ***Tortula truncata***
P. truncata var. *intermedia* (Turner) Ångstr. = ***Tortula modica***
Pottiella curvicollis (Hedw.) Gams = ***Microbryum curvicollum***
Pseudephemerum axillare (Dicks.) I. Hagen = ***Pseudephemerum nitidum***
Pseudisothecium myosuroides (Brid.) Grout = ***Isothecium myosuroides***
Pseudoleskea atrovirens (Brid.) Bruch & Schimp. = ***Pseudoleskea incurvata***
P. atrovirens subsp. *patens* (Lindb.) Jacq. = ***Pseudoleskea patens***
P. atrovirens var. *brachyclados* (Schwägr.) Loeske = ***Pseudoleskea radicata***
P. brachyclados (Schwägr.) Loeske = ***Pseudoleskea radicata***
P. catenulata (Schrad.) Bruch & Schimp. = ***Pseudoleskeella catenulata***
P. illyrica Glow. = ***Pseudoleskea saviana***
P. plicata (Schleich. ex F. Weber & D. Mohr) Kindb. = ***Ptychodium plicatum***
P. rigescens Lindb. = ***Pseudoleskea radicata***
P. tectorum Schimp. = ***Pseudoleskeella tectorum***
P. ticinensis Bott. = ***Pseudoleskea patens***
Pseudoleskeella mildeana (De Not.) J.J. Amann = ***Pseudoleskeella tectorum***
Pseudostereodon procerrimum (Molendo) Fleisch. ex Broth. = ***Hypnum procerrimum***
Pterigynandrum gracile Hedw. = ***Pterogonium gracile***
P. heteropterum (Brid.) Jur. = ***Pterigynandrum filiforme***
Pterogonium nervosum Schwägr. = ***Pseudoleskeella nervosa***
P. ornithopodioides (Huds.) Lindb. = ***Pterogonium gracile***
Pterygoneurum cavifolium (Ehrh.) Jur. = ***Pterygoneurum ovatum***
P. pusillum (Lindb.) C.E.O. Jensen = ***Pterygoneurum ovatum***
Pterygophyllum lucens (Hedw.) Brid. = ***Hookeria lucens***
Ptychodium pfundtneri Limpr. = ***Pseudoleskea radicata***
Ptychomitrium geniculatum (Brid.) Hampe = ***Campylostelium saxicola***
Pylaisella polyantha (Hedw.) Grout = ***Pylaisia polyantha***
Pylaisia binervula Molendo = ***Orthothecium strictum***
Pylaisidelpha lorentziana (Molendo ex Lorentz) W.R. Buck = ***Brotherella lorentziana***
Pyramidium tetragonum Brid. = ***Pyramidula tetragona***
Racomitrium alopecurum Brid. = ***Racomitrium heterostichum***
R. canescens var. *intermedium* Venturi & Bott. = ***Racomitrium elongatum***
R. canescens var. *ericoides* (Brid.) Hampe = ***Racomitrium ericoides***
R. cataractarum Brid. = ***Racomitrium aquaticum***
R. heterostichum subsp. *sudeticum* Dixon = ***Racomitrium sudeticum***
R. heterostichum var. *affine* (F. Weber & D. Mohr) Lesq. = ***Racomitrium affine***
R. heterostichum var. *sudeticum* (Funck) E. Bauer = ***Racomitrium sudeticum***
R. hypnoides (Hedw.) Lindb. = ***Racomitrium lanuginosum***
R. incurvum Huebener = ***Grimmia elatior***
R. patens (Hedw.) Huebener = ***Grimmia ramondii***
R. protensum (A. Br.) Huebener = ***Racomitrium aquaticum***
R. ramulosum Lindb. = ***Racomitrium microcarpon***
Rechingerella macedonica Froel. = ***Weissia controversa***
Rhabdoweisia denticulata (Brid.) Bruch & Schimp. = ***Rhabdoweisia crispata***
R. kusenevae Broth. = ***Rhabdoweisia crispata***
R. schisti (F. Weber & D. Mohr) Bruch & Schimp. = ***Cnestrum schistii***
R. striata (Schrad.) Lindb. = ***Rhabdoweisia fugax***
Rhaphidostegium demissum auct. rom. Papp = ***Callicladium haldanianum***
R. welwitschii auct. rom. Papp = ***Callicladium haldanianum***
Rhodobryum spathulatum auct. non (Hornsch.) Pócs = ***Rhodobryum ontariense***
Rhynchostegiella algeriana (P. Beauv.) Warnst. = ***Rhynchostegiella tenella***
R. bourgaeana (Mitt.) Broth. = ***Rhynchostegiella tenella***
R. compacta (Drumm. ex Müll. Hal.) Loeske = ***Conardia compacta***
R. curviseta var. *laeviseta* (W.E. Nicholson & Dixon) Podp. = ***Rhynchostegiella curviseta***
R. jacquinii (Garov.) Limpr. = ***Rhynchostegiella teneriffae***
R. letourneuxii (Besch.) Broth. = ***Rhynchostegiella curviseta***
R. pallidirostra (Brid.) Loeske = ***Oxyrrhynchium pumilum***
R. pumila (Wilson) E.F. Warb. = ***Oxyrrhynchium pumilum***
R. teesdalei (Schimp.) Limpr. = ***Rhynchostegiella teneriffae***
Rhynchostegium riparioides (Hedw.) Cardot = ***Platyhypnidium riparioides***
R. rusciforme Bruch & Schimp. = ***Platyhypnidium riparioides***
Rhytidiadelphus calvescens (Kindb.) Broth. = ***Rhytidiadelphus subpinnatus***
R. squarrosus subsp. *calvescens* (Kindb.) Giacom. = ***Rhytidiadelphus subpinnatus***
Saelania caesia (Vill.) Lindb. = ***Saelania glaucescens***
Sarmentypnum sarmentosum (Wahlenb.) Tuom. & T.J. Kop. = ***Warnstorfia sarmentosa***

- Schistidium anodon* (Bruch & Schimp.) Loeske = ***Grimmia anodon***
S. apocarpum var. *atrofuscum* (Schimp.) C.E.O. Jensen = ***Schistidium atrofuscum***
S. apocarpum var. *brunnescens* (Limpr.) Loeske = ***Schistidium brunnescens***
S. alpicola auct. non (Hedw.) Limpr. = ***Schistidium platyphyllum***
S. apocarpum subsp. *papillosum* (Culm.) Poelt = ***Schistidium papillosum***
S. apocarpum var. *confertum* (Funck) H. Möller = ***Schistidium confertum***
S. apocarpum var. *gracile* Bruch & Schimp. = ***Schistidium trichodon***
S. apocarpum var. *rivularis* F. Weber & D. Mohr = ***Schistidium rivulare***
S. gracile (Schleich.) Limpr. = ***Schistidium trichodon***
S. plagiopodium Loeske = ***Grimmia plagiopoda***
S. podperae Vilh. = ***Schistidium apocarpum***
S. pulvinatum var. *flaccidum* (De Not.) De Not. = ***Schistidium flaccidum***
S. rivulare subsp. *latifolium* (J.E. Zetterst.) B. Bremer = ***Schistidium platyphyllum***
S. rivulare var. *latifolium* (J.E. Zetterst.) H.A. Crum & L.E. Anderson = ***Schistidium platyphyllum***
S. singarense (Schiffn.) Latz. = ***Schistidium helveticum***
S. subsessile Brid. = ***Pterygoneurum subsessile***
S. teretinerve Limpr. = ***Grimmia teretinervis***
Schistostega osmundacea (Dicks.) F. Weber & D. Mohr = ***Schistostega pennata***
Scleropodium illecebrum (Schwägr.) Schimp. = ***Scleropodium touretii***
S. ornellanum (Molendo) Lorentz = ***Sciuro-hypnum ornellanum***
S. purum (Hedw.) Limpr. = ***Pseudoscleropodium purum***
Scorpidium lycopodioides (Brid.) Paul = ***Pseudocalliergon lycopodioides***
S. trifarium (F. Weber & D. Mohr) Paul = ***Pseudocalliergon trifarium***
S. turgescens (T. Jensen) Loeske = ***Pseudocalliergon turgescens***
S. vernicosus (Mitt.) Tuom. = ***Hamatocaulis vernicosus***
Seligeria donnii Lindb. = ***Seligeria donniana***
S. paucifolia auct. non. (With.) Carruth. = ***Seligeria calycina***
S. setacea (Wulf.) Lindb. = ***Seligeria recurvata***
S. tristicha (Brid.) Bruch & Schimp. = ***Seligeria trifaria***
Sematophyllum demissum auct. rom. = ***Callicladium haldanianum***
S. substrumulosum auct. rom. = ***Callicladium haldanianum***
Serpoleskea confervoides (Brid.) Loeske = ***Amblystegium confervoides***
S. subtilis (Hedw.) Loeske = ***Amblystegium subtile***
Sharpiella seligeri (Brid.) Z. Iwats. = ***Herzogiella seligeri***
Sphaerangium muticum (Hedw.) Schimp. = ***Acaulon muticum***
S. triquetrum Schimp. = ***Acaulon triquetrum***
Sphagnum acutifolium Ehrh. ex Schrad. = ***Sphagnum capillifolium***
S. acutum Warnst. = ***Sphagnum flexuosum***
S. amblyphyllum (Russow) Zick. = ***Sphagnum flexuosum***
S. andersonianum R.E. Andrus = ***Sphagnum rubellum***
S. apiculatum Lindb. = ***Sphagnum fallax***
S. brevifolium (Lindb. ex Braithw.) Röhl = ***Sphagnum fallax***
S. capillifolium subsp. *rubellum* (Wilson) M.O. Hill = ***Sphagnum rubellum***
S. capillifolium var. *tenellum* (Schimp.) H.A. Crum = ***Sphagnum rubellum***
S. crassycladum Warnst. = ***Sphagnum auriculatum***
S. cymbifolium (Ehrh.) Hedw. = ***Sphagnum palustre***
S. denticulatum Brid. = ***Sphagnum auriculatum***
S. denticulatum var. *inundatum* (Russow) Kartt. = ***Sphagnum inundatum***
S. dusenii (C.E.O. Jensen) Russow & Warnst. = ***Sphagnum majus***
S. fallax subsp. *isoviitae* (Flatberg) M.O. Hill = ***Sphagnum fallax***
S. intermedium Hoffm. = ***Sphagnum capillifolium***
S. isoviitae Flatberg = ***Sphagnum fallax***
S. laricinum Spruce = ***Sphagnum contortum***
S. latifolium Hedw. = ***Sphagnum palustre***
S. lescurii Sull. = ***Sphagnum inundatum***
S. medium Limpr. = ***Sphagnum magellanicum***
S. molluscum Bruch = ***Sphagnum tenellum***
S. mucronatum (Russow) Zick. = ***Sphagnum fallax***
S. nemoreum Scop. = ***Sphagnum capillifolium***
S. obesum (Wils.) Warnst. = ***Sphagnum inundatum***
S. obtusifolium Baumg. = ***Sphagnum palustre***
S. palustre var. *centrale* (C.E.O. Jensen) A. Eddy = ***Sphagnum centrale***
S. parvifolium (Warnst.) Warnst. = ***Sphagnum angustifolium***
S. plumulosum Röhl = ***Sphagnum subnitens***
S. recurvum var. *brevifolium* (Lindb. ex Braithw.) Warnst. = ***Sphagnum fallax***
S. recurvum var. *obtusum* Warnst. = ***Sphagnum obtusum***
S. recurvum var. *robustum* Hartm. = ***Sphagnum riparium***
S. recurvum var. *tenue* H. Klinggr. = ***Sphagnum angustifolium***
S. rigidum (Nees & Hornsch.) Schimp. = ***Sphagnum compactum***
S. robustum (Warnst.) Röhl = ***Sphagnum russowii***
S. rufescens (Nees & Hornsch.) Warnst. = ***Sphagnum auriculatum***
S. ruppinese Warnst. = ***Sphagnum balticum***
S. schimperi Röhl = ***Sphagnum capillifolium***
S. squarrosulum Schimp. = ***Sphagnum teres***
S. strictum Lindb. non Sull. = ***Sphagnum girgensohnii***
S. subbicolor Hampe = ***Sphagnum palustre***
S. subsecundum subsp. *inundatum* (Russow) Meyl. = ***Sphagnum inundatum***
S. subsecundum var. *contortum* (Schultz) Huebener = ***Sphagnum contortum***
S. subsecundum var. *inundatum* (Russow) C.E.O. Jensen = ***Sphagnum inundatum***
S. subsecundum var. *rufescens* (Nees & Hornsch.) Huebener = ***Sphagnum auriculatum***
S. subsecundum var. *platyphyllum* (Lindb. ex Braithw.) Cardot = ***Sphagnum platyphyllum***
S. tabulare Sull. = ***Sphagnum molle***
S. tenellum (Schimp.) Klinggr. non (Brid.) Pers. ex Brid. = ***Sphagnum rubellum***
S. tenerum auct. eur. non Sull. ex Lesq. ex Sull. = ***Sphagnum capillifolium***
S. warnstorffianum Du Rietz = ***Sphagnum warnstorffii***
Splachnum angustatum Hedw. = ***Tetraplodon angustatus***
S. floelichianus Hedw. = ***Tayloria froelichiana***
Splachnum lingulatum Dicks. = ***Tayloria lingulata***
S. mnioides Hedw. = ***Tetraplodon mnioides***
S. ovatum Hedw. = ***Splachnum sphaericum***
S. pedunculatum (Huds.) Lindb. = ***Splachnum sphaericum***
S. serratum Hedw. = ***Tayloria serrata***
S. tenue Dicks. = ***Tayloria tenuis***
Stellariomnium stellare (Hedw.) M.C. Bowers = ***Mnium stellare***
Stereodon arcuatus Lindb. = ***Calliergonella lindbergii***
S. bambergi (Schimp.) Lindb. = ***Hypnum bambergi***
S. callichrous (Brid.) Braithw. = ***Hypnum callichorum***
S. cupressiforme Brid. = ***Hypnum cupressiforme***
S. cupressiformis (Hedw.) Brid. ex Mitt. = ***Hypnum cupressiforme***
S. fastigiatus Brid. = ***Hypnum recurvatum***
S. fertilis (Sendtn.) Lindb. = ***Hypnum fertile***
S. haldanianus (Grev.) Lindb. ex Broth. = ***Callicladium haldanianum***
S. lindbergii (Mitt.) Braithw. = ***Calliergonella lindbergii***
S. pallescens (Hedw.) Mitt. = ***Hypnum pallescens***

- S. pratensis* (Rabenh.) Warnst. = *Breidlera pratensis*
S. reptilis (Michx.) Mitt. = *Hypnum pallescens*
S. revolutus Mitt. = *Hypnum revolutum*
Stokesiella praelonga (Hedw.) Robins. = *Kindbergia praelonga*
Streblotrichum convolutum (Hedw.) P. Beauv. = *Barbula convoluta*
S. croceum (Brid.) Loeske = *Barbula crocea*
S. paludosum J.J. Amann = *Barbula crocea*
Stroemia gymnostoma (Bruch ex Brid.) I. Hagen = *Orthotrichum gymnostomum*
S. obtusifolia (Brid.) I. Hagen = *Orthotrichum obtusifolium*
Stylostegium caespiticium (F. Weber & D. Mohr) Bruch & Schimp. = *Blindia caespiticia*
Swartzia inclinata (Hedw.) P. Beauv. = *Distichium inclinatum*
S. montana Lindb. = *Distichium capillaceum*
Syntrichia alpina (Bruch & Schimp.) Jur. = *Syntrichia sinensis*
S. inermis (Brid.) Bruch = *Tortula inermis*
S. mucronifolia (Schwägr.) Brid. = *Tortula mucronifolia*
S. pulvinata (Jur.) Jur. = *Syntrichia virescens*
S. ruralis var. *ruraliformis* = *Syntrichia ruraliformis*
S. densa (Velen.) J.-P. Frahm = *Syntrichia calcicola*
S. intermedia Brid. = *Syntrichia montana*
S. ruralis var. *arenicola* J.J. Amann = *Syntrichia ruraliformis*
S. ruralis var. *glacialis* J.J. Amann = *Syntrichia ruralis*
Systegium crispum Schimp. = *Weissia longifolia*
Taxiphyllum depressum (Brid.) Reimers = *Taxiphyllum wissgrillii*
Tayloria serrata var. *tenuis* (Dicks.) Bruch & Schimp. = *Tayloria tenuis*
T. potaninii Broth., nom. nud. = *Tayloria acuminata*
T. splachnoides var. *acuminata* (Hornsch.) Huebener = *Tayloria acuminata*
Tetraplodon brewerianus (Hedw.) De Not. = *Tetraplodon mnioides*
T. bryoides Lindb. = *Tetraplodon mnioides*
Thamnium alopecurum (Hedw.) Schimp. = *Thamnobryum alopecurum*
Thamnobryum alopecurum var. *gracillimum* Bott. = *Thamnobryum alopecurum*
T. mediterraneum (Bott.) G. Roth = *Thamnobryum alopecurum*
Thuidium erectum Duby = *Thuidium delicatulum*
T. abietinum (Hedw.) Schimp. = *Abietinella abietina*
T. blandowii (F. Weber & D. Mohr) Schimp. = *Helodium blandowii*
T. elatum Duby = *Thuidium delicatulum*
T. lanatum (Brid.) I. Hagen = *Helodium blandowii*
T. minutulum (Hedw.) Schimp. = *Pelekium minutulum*
T. philibertii Limpr. = *Thuidium assimile*
T. pseudotamarisci Limpr. = *Thuidium assimile*
T. pulchellum De Not. = *Haplocladium angustifolium*
T. punctulatum De Not. = *Haplocladium virginianum*
T. recognitum subsp. *philibertii* (Limpr.) Dixon = *Thuidium assimile*
T. tamariscifolium Lindb. = *Thuidium tamariscinum*
Thysanomitrium flexuosum (Hedw.) Rabenh. = *Campylopus flexuosus*
T. pyriforme (Schultz) Rabenh. = *Campylopus pyriformis*
Timmia cucullata Michx. = *Timmia megapolitana*
T. elegans I. Hagen = *Timmia comata*
T. megapolitana subsp. *bavarica* (Hessl.) Brassard = *Timmia bavarica*
T. megapolitana var. *norvegica* (J.E. Zetterst.) Lindb. = *Timmia norvegica*
T. norvegica var. *excurrans* Bryhn = *Timmia comata*
Tortella caespitosa (Schwägr.) Limpr. = *Tortella humilis*
T. cirrifolia (Mitt.) Broth. = *Tortella nitida*
T. cylindrica (Bruch) Loeske = *Oxystegus tenuirostris*
T. squarrosa Limpr. = *Pleurochaete squarrosa*
Tortula aciphylla Hartm. = *Syntrichia norvegica*
T. alpina (Bruch & Schimp.) Bruch = *Syntrichia sinensis*
T. angustata Lindb. = *Tortula schimperii*
T. caespitosa Hook. = *Tortella humilis*
T. calcicolens W.A. Kramer = *Syntrichia calcicola*
T. convoluta (Brid.) Pilous = *Tortula atrovirens*
T. crinita (De Not.) De Not. = *Syntrichia montana*
T. crocea Brid. = *Barbula crocea*
T. densa (Velen.) J.-P. Frahm = *Syntrichia calcicola*
T. handelii Schiffl. = *Syntrichia handelii*
T. heimii Mitt. = *Hennediella heimii*
T. inclinata R. Hedw. = *Tortella inclinata*
T. intermedia (Brid.) Berk., hom. illeg. = *Syntrichia montana*
T. laevipila (Brid.) Schwägr. = *Syntrichia laevipila*
T. latifolia Bruch ex Hartm. = *Syntrichia latifolia*
T. latifolia Lindb. non Bruch ex Hartm. = *Tortula hoppeana*
T. montana (Nees) Lindb. = *Syntrichia montana*
T. mutica Lindb. = *Syntrichia latifolia*
T. norvegica (F. Weber) Lindb. = *Syntrichia norvegica*
T. paludosa Cand. = *Barbula crocea*
T. papillosa var. *meridionalis* Warnst. = *Syntrichia papillosa*
T. papillosa Wilson = *Syntrichia papillosa*
T. princeps De Not. = *Syntrichia princeps*
T. pulvinata (Jur.) Limpr. = *Syntrichia virescens*
T. reflexa Brid. = *Didymodon ferrugineus*
T. ruralis (Hedw.) P. Gaertn., B. Mey. & Schreb. = *Syntrichia ruralis*
T. ruralis var. *calcicola* (J.J. Amann) Barkman = *Syntrichia calcicola*
T. ruralis var. *densa* Velen. = *Syntrichia calcicola*
T. sinensis (Müll. Hal.) Broth. = *Syntrichia sinensis*
T. squamigera De Not. = *Crossidium squamiferum*
T. tortuosa Hedw. = *Tortella tortuosa*
T. virescens (De Not.) De Not. = *Syntrichia virescens*
Trematodon elongatus I. Hagen = *Trematodon ambiguus*
T. vulgaris Brid. = *Trematodon ambiguus*
Trichostomopsis aaronis (Lorentz) S. Agnew & C.C. Towns. = *Didymodon australasiae*
T. trivialis (Müll. Hal.) H. Rob. = *Didymodon umbrosus*
T. umbrosa (Müll. Hal.) H. Rob. = *Didymodon umbrosus*
Trichostomum baurianum Warnst. ex J.J. Amann = *Didymodon spadiceus*
T. brevifolium Sendtn. ex Müll. Hal. = *Trichostomum crispulum*
T. caespitosum (Brid.) Jur. = *Pottiopsis caespitosa*
T. canescens Hedw. = *Racomitrium canescens*
T. cordatum Jur. = *Didymodon cordatus*
T. cylindricum (Brid.) Müll. Hal. non Hedw. = *Oxystegus tenuirostris*
T. cylindricum Hedw. non (Brid.) Müll. Hal. = *Trichodon cylindricus*
T. decipiens Schultz = *Grimmia decipiens*
T. fasciculare Schrad. = *Racomitrium fasciculare*
T. fontinaloides Hedw. = *Cinclidotus fontinaloides*
T. funale Schwägr. = *Grimmia funalis*
T. gracile (Wilson) H. Möller = *Zygodon gracilis*
T. heterostichum Hedw. = *Racomitrium heterostichum*
T. homomallum Bruch & Schimp. = *Ditrichum heteromallum*
T. lanuginosum Hedw. = *Racomitrium lanuginosum*
T. mutabile Bruch = *Trichostomum brachydontium*
T. pallidisetum H. Müll. = *Trichostomum triumphans*
T. pallidum Hedw. = *Ditrichum pallidum*
T. protensum Duby = *Racomitrium aquaticum*
T. rigidulum (Dicks.) Sm. = *Didymodon rigidulum*
T. rubellum Rabenh. = *Bryoerythrophyllum recurvirostrum*
T. subulatum Bruch & Schimp. = *Ditrichum subulatum*
T. sudeticum Funck = *Racomitrium sudeticum*
T. tenuirostre (Hook. & Taylor) Lindb. = *Oxystegus tenuirostris*
T. tophaceum Brid. = *Didymodon tophaceus*
T. tortile Schrad. = *Ditrichum pusillum*
T. vaginans Sull. = *Ditrichum lineare*
T. viridulum Bruch = *Trichostomum crispulum*

- Trochobryum carniolicum* Breidl. & Beck = *Seligeria carniolica*
Ulotia americana (P. Beauv.) Limpr. = *Ulotia hutchinsiae*
U. crispula Brid. = *Ulotia crispa*
U. intermedia Schimp. = *Ulotia crispa*
U. ludwigii (Brid.) Brid. = *Ulotia coarctata*
U. ludwigii Brid. = *Ulotia coarctata*
U. ulophylla Broth. = *Ulotia crispa*
Warnstorfia procera (Renauld & Arnell) Tuom. = *Warnstorfia exannulata*
Webera acuminata (Hoppe & Hornsch.) Schimp. = *Pohlia elongata*
W. albicans Schimp. = *Pohlia wahlenbergii*
W. annotina (Hedw.) Bruch = *Pohlia annotina*
W. breidleri Schimp. = *Pohlia ludwigii*
W. bulbifera Warnst. = *Pohlia bulbifera*
W. canaliculata Müll. & Kindb. ex Macoun & Kindb. = *Pohlia nutans*
W. carnea Schimp. = *Pohlia melanodon*
W. commutata Schimp. = *Pohlia drummondii*
W. cruda (Hedw.) Fürnr. = *Pohlia cruda*
W. cucullata (Schwägr.) Schimp. = *Pohlia obtusifolia*
W. delicatula (Hedw.) C.E.O. Jensen = *Pohlia melanodon*
W. elongata (Hedw.) Schwägr. = *Pohlia elongata*
W. filum (Schimp.) Paris = *Pohlia filum*
W. gracilis (Bruch & Schimp.) De Not. = *Pohlia filum*
W. lescuriana (Sull.) A. Jaeger & Sauerb. = *Pohlia lescuriana*
W. longicolla (Sw.) Hedw. = *Pohlia longicolla*
W. ludwigii (Schwägr.) Fürnr. = *Pohlia ludwigii*
W. microcaulon C. Müll. & Kindb. ex Macoun & Kindb. = *Pohlia elongata*
W. microdenticulata C. Müll. & Kindb. ex Macoun & Kindb. = *Pohlia drummondii*
W. nutans Hedw. = *Pohlia nutans*
W. polymorpha (Hoppe & Hornsch.) Schimp. = *Pohlia elongata*
W. prolifera Kindb. = *Pohlia prolifera*
W. pseudocarnea (Kindb.) Macoun = *Pohlia bulbifera*
W. pulchella Schimp. = *Pohlia lescuriana*
W. pycnoderrens Müll. Hal. & Kindb. ex Macoun & Kindb. = *Pohlia drummondii*
W. pyriformis Hedw. = *Leptobryum pyriforme*
W. rothii Corr. in Limpr. = *Pohlia andalusica*
W. rubella H. Philib. = *Pohlia filum*
W. schimperi (Müll. Hal.) Schimp. = *Pohlia nutans*
W. serrifolia Bryhn = *Pohlia bulbifera*
W. sessilis Lindb. = *Diphyscium foliosum*
W. sphagnicola (Bruch & Schimp.) Schimp. = *Pohlia sphagnicola*
W. subcucullata Müll. Hal. & Kindb. ex Macoun & Kindb. = *Pohlia drummondii*
W. subpolymorpha (Kindb.) Paris = *Pohlia drummondii*
Weissia apiculata Bruch = *Weissia rutilans*
W. caespitosa Brid. = *Pottiopsis caespitosa*
W. caespitosa Bruch = *Tortella humilis*
W. cirrata Hedw. = *Dicranoweisia cirrata*
W. compacta Schwägr. = *Dicranoweisia compacta*
W. crispa (Hedw.) Mitt. = *Weissia longifolia*
W. crispula Hedw. = *Dicranoweisia crispula*
W. cylindrica Bruch = *Oxystegus tenuirostris*
W. fallax Sehm. = *Weissia condensa*
W. fugax Hedw. = *Rhabdoweisia fugax*
W. heteromalla Hedw. = *Ditrichum heteromallum*
W. latifolia Schwägr. = *Stegonichia latifolia*
W. microstoma (Hedw.) Müll. Hal. = *Weissia brachycarpa*
W. mucronata Bruch & Schimp. = *Weissia rutilans*
W. octoblepharis G. Roth = *Orthotrichum affine*
W. pusilla Hedw. = *Seligeria pusilla*
W. recurvata Brid. = *Seligeria recurvata*
W. recurvirostra Hedw. = *Bryoerythrophyllum recurvirostrum*
W. splachnoides Schwägr. = *Tayloria tenuis*
W. tenuis (Hedw.) Müll. Hal. = *Gyroweisia tenuis*
W. tortilis (Schwägr.) Müll. Hal. = *Weissia condensa*
W. trichodes (F. Weber) Hook. & Taylor. = *Brachydontium trichodes*
W. tristicha Brid. = *Seligeria trifaria*
W. triumphans (De Not.) M.O.Hill = *Trichostomum triumphans*
W. truncicola De Not. = *Dicranum montanum*
W. verticillata Brid. = *Eucladium verticillatum*
W. viridula Hedw. = *Weissia controversa*
Zieria demissa Schimp. = *Plagiobryum demissum*
Z. julacea (Dicks.) Schimp. = *Plagiobryum zieri*
Zygodon viridissimus var. *dentatus* Limpr. = *Zygodon dentatus*
Z. viridissimus var. *rupestris* C. Hartm. = *Zygodon rupestris*
Z. baumgartneri Malta = *Zygodon rupestris*
Z. lapponicus Bruch & Schimp. = *Amphidium lapponicum*
Z. mougeotii Bruch & Schimp. = *Amphidium mougeotii*
Z. nowellii Schimp. = *Zygodon gracilis*
Z. vulgaris Nyholm = *Zygodon rupestris*
Zygotrichia cylindrica Taylor = *Didymodon insulanus*

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