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Check-list of the Mosses of Italy

Abstract

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This check-list of Musci (incl. *Sphagnaceae*) of Italy in its political boundaries comprises 818 species representing 202 genera and 53 families, plus two additional lists, of excluded taxa and of names of uncertain application. The main list includes tabular distributional data, by regions, based on literature records and herbarium material; it differentiates between reports based on pre-1950 collections only and those based on more recent confirmations. Critical notes are added on distributional and taxonomic problems.

Introduction

The first list of Italian Mosses is in Bertoloni's (1858-1862) *Flora italica cryptogama*, a work of general nature on all Cryptogams then known. It includes 375 species of Mosses, including *Sphagnum*, providing for each the synonymy, a description in Latin and the distribution for Italy as then known. A few years later appeared De Notaris's (1869) *Epilogo della briologia italiana*, the first work devoted to Bryophytes only, which listed the Mosses, excluding *Sphagnum*, with Latin descriptions, synonyms, habitats, localities and collectors' names. This mainly descriptive list also contains analytical keys to the families and genera. Only 15 years later, at the request of the Italian Cryptogamic Society, Venturi & Bottini (1884) published their *Enumerazione critica dei muschi italiani*, consisting of a list of Mosses, including *Sphagnum*, with a mere list of records by regions (indicated by abbreviations). Finally, after 63 years, Giacomini's (1947) *Syllabus bryophytarum italicarum* came out, a simple list of all Italian Mosses (excluding *Sphagnum*).

The present work includes the complete list of all Mosses known to be present within the current political borders of Italy: 53 families, 202 genera and 818 species. This check-list is formed on literature data (Cortini Pedrotti 1986), herbarium collections and personal collections and records. In cases of uncertain regional reports, a revision of herbarium specimens was undertaken. However for certain species it was not possible to effect such a revision due to our inability to locate the specimens.

We have followed the treatment of Anderson & al. (1990) for the systematic Synopsis. The nomenclature followed in the alphabetically arranged check-list is mainly that of Corley & al. (1981) and Corley & Crundwell (1991). The author's names of the systematic units are reported according to Crosby (1992). Varieties of a certain taxonomic weight have also been taken into consideration.



The distribution by regions is reported for each species. Regions are arranged from north to south and designated by the following abbreviations:

ABR = Abruzzo
 AOS = Val d'Aosta
 BAS = Basilicata
 CAL = Calabria
 CAM = Campania
 EMR = Emilia - Romagna
 FRV = Friuli-Venezia Giulia
 LAZ = Lazio
 LIG = Liguria
 LOM = Lombardia
 MAR = Marche

MOL = Molise
 PIE = Piemonte
 PUG = Puglia
 SAR = Sardegna
 SIC = Sicilia
 SMR = Repubblica di S.
 Marino
 TOS = Toscana
 TRA = Trentino-Alto
 Adige
 UMB = Umbria
 VEN = Veneto

The following symbols are used:

◆	=	report based on collections made before 1950
●	=	report based on at least one collection made after 1949
+	=	report without precise reference to the collection date
(◆) (●)	=	presence uncertain

The check-list is supplemented by critical notes on erroneous reports, problems of synonymy, taxonomic questions and single known collection localities of given species.

Species reported for Italy in a general way by Giacomini (1947) and Düll (1984-1985), but for which no other bibliographic reference exists giving concrete localities of collection or observation, have been excluded from the check-list; some other taxa have been excluded for various reasons, reported case by case. All excluded taxa are listed alphabetically in an appendix.

A further supplementary list of doubtful species includes names that are of uncertain taxonomic application; for each of these the bibliographic source is given.

The list of synonyms comprises all such names as are found in the various publications on Italian Bryophytes.

The growing interest in bryology in recent years, especially on the part of younger students, has led us to publish this work. We hope that it may contribute to greater clarity on the real bryologic patrimony of Italy, and that it may be useful as a point of departure for further datings and detailed studies.

SYSTEMATIC SYNOPSIS OF GENERA

Class MUSCI

Subclass SPHAGNIDAE

Order SPHAGNALES

Family Sphagnaceae

Dumort.

Sphagnum L.

Subclass ANDREAEEIDAE

Order ANDREAEEALES

Family Andreaeaceae

Dumort.

Andreaea Hedw.

Subclass BRYIDAE

Order ARCHIDIALES

Family Archidiaceae

Schimp.

Archidium Brid.

Order DICRANALES

Family Ditrichaceae Limpr.

Pleuridium Rabenh.*Ditrichum* Hampe*Cheilothela* Lindb.*Ceratodon* Brid.*Saelania* Lindb.*Distichum* Bruch & al.

Family Bruchiaceae Schimp.

Trematodon Michx.*Bruchia* Schwägr.

Family Dicranaceae Schimp.

Pseudephemerum (Lindb.)

Loeske

Aongstroemia Bruch & al.*Dicranella* (Müll. Hal.)

Schimp.

Rhabdoweisia Bruch & al.*Oreas* Brid.*Oncophorus* (Brid.) Brid.

Cnestrum I. Hagen

Oreoweisia (Bruch & al.) De

Not.

Cynodontium Schimp.*Dichodontium* Schimp.*Dicranoweisia* Lindb. ex

Milde

Arctoa Bruch & al.*Kiaeria* I. Hagen*Dicranum* Hedw.*Campylopus* Brid.*Dicranodontium* Bruch & al.*Paraleucobryum* (Lindb.)

Loeske

Family Leucobryaceae

Schimp.

Leucobryum Hampe

Order FISSIDENTALES

Family Fissidentaceae

Schimp.

Fissidens Hedw.*Octodiceras* Brid.

Order SELIGERIALES

Family Seligeriaceae

Schimp.

Brachydontium Fürnr.*Seligeria* Bruch & al.*Blindia* Bruch & al.

Order BUXBAUMIALES

Family Buxbaumiaceae

Schwägr.

Buxbaumia Hedw.*Diphygium* D. Mohr

Order POTTIALES

Family Encalyptaceae

Schimp.

Encalypta Hedw.

Family Calymperaceae

Kindb.

Calymperes Sw.

Family Pottiaceae Schimp.

Aschisma Lindb.*Weissia* Hedw.*Gymnostomum* Nees &

Hornsch.

Hymenostylium Brid.

Gyroweisia Schimp.
Eucladium Bruch & al.
Oxystegus (Limpr.) Hilp.
Trichostomum Bruch
Timmia (De Not.) Limpr.
Tortella (Lindb.) Limpr.
Pleurochaete Lindb.
Leptodontium (Müll. Hal.)
 Hampe ex Lindb.
Hyophila Brid.
Didymodon Hedw.
Bryoerythrophyllum P.C.
 Chen
Leptobarbula Schimp.
Barbula Hedw.
Pseudocrossidium R.S.
 Williams
Geheebia Schimp.
Anoetangium Schwägr.
Scopelophila (Müll.) Lindb.
Acaulon Müll. Hal.
Stegonia Venturi
Pterygoneurum Jur.
Crossidium Jur.
Aloina Kindb.
Phascum Hedw.
Pottia (Rchb.) Fühnr.
Desmatodon Brid.
Chenia R.H. Zander
Tortula Hedw.
Cinclidotus Beauvais

Order GRIMMIALES

Family **Grimmiaceae** Arn.
Hydrogrimmia (I. Hagen)
 Loeske
Grimmia Hedw.
Schistidium Brid.
Coscinodon Spreng.
Dryptodon Brid.
Racomitrium Brid.

Family **Ptychomitriaceae**

Schimp.
Campylostelium Bruch &
 al.
Ptychomitrium Fühnr.

Order FUNARIALES

Family **Ephemeraceae**

Schimp.
Ephemerum Hampe

Family **Funariaceae**

Schwägr.
Aphanorhegma Sull.
Physcomitrium (Brid.) Brid.
Pyramidula Brid.
Funaria Hedw.
Entosthodon Schwägr.
Funariella Sérgio

Family **Splachnaceae** Grev.
& Arn.

Voitia Hornsch.
Tayloria Hook.
Tetraplodon Bruch & al.
Splachnum Hedw.

Order SCHISTOSTEGALES

Family **Schistostegaceae**

Schimp.
Schistostega D. Mohr

Order BRYALES

Family **Bryaceae** Schwägr.

Mielichhoferia Hornsch.
Pohlia Hedw.
Anomobryum Schimp.
Epipterygium Lindb.
Plagiobryum Lindb.
Leptobryum Wilson
Bryum Hedw.
Rhodobryum (Schimp.)
 Limpr.

Family **Mniaceae** Schwägr.

Mnium Hedw.
Cinclidium Sw.
Rhizomnium (Broth.) T.J.
 Kop.
Cyrtomnium Holmen
Plagiomnium T.J. Kop.
Pseudobryum (Kindb.) T.J.
 Kop.

Family **Aulacomniaceae**

Schimp.
Aulacomnium Schwägr.

Family **Meesiaceae** Schimp.

Paludella Brid.
Amblyodon Bruch & al.
Meesia Hedw.

Family **Catoscopiaceae**

Boulay ex Broth.
Catoscopium Brid.

Family **Bartramiaceae**

Schwägr.
Plagiopus Brid.
Anacolla Schimp.
Bartramia Hedw.
Conostomum Sw.
Philonotis Brid.

Family **Timmiaeae** Schimp.

Timmia Hedw.

Order **ORTHOTRICHALES**Family **Orthotrichaceae**

Arn.
Zygodon Hook. & Taylor
Amphidium Schimp.
Orthotrichum Hedw.
Ulota D. Mohr

Order **LEUCODONTALES**Family **Fontinalaceae**

Schimp.
Fontinalis Schimp.
Dichelyma Myrin

Family **Climaciaceae** Kindb.

Climacium Weber & D.
Mohr

Family **Anomodontaceae**

Kindb.
Haplohymenium Dozy &
Molk.
Anomodon Hook. & Taylor
Pterogonium Sm.

Family **Hedwigiaceae**

Schimp.
Hedwigia Beauvais
Braunia Bruch & al.

Family **Cryphaeaceae**

Schimp.
Cryphaea D. Mohr

Family **Leptodontaceae**

Schimp.
Leptodon D. Mohr

Family **Leucodontaceae**

Schimp.
Leucodon Schwägr.
Antitrichia Brid.

Family **Meteoriaceae** Kindb.

Barbella M. Fleisch.

Family **Neckeraceae** Schimp.

Neckera Hedw.
Metaneckera Steere
Homalia (Brid.) Bruch & al.

Order **HOOKERIALES**Family **Hookeriaceae**

Schimp.
Hookeria Sm.

Order **HYPNALES**Family **Fabroniaceae**

Schimp.
Fabronia Rakli
Anacamptodon Brid.

Family **Leskeaceae** Schimp.

Habrodon Schimp.
Leskea Hedw.
Lescuraea Bruch & al.
Ptychodium Schimp.
Pseudoleskea Bruch & al.
Pseudoleskeella Kindb.

Family **Pterigynandraceae**

Schimp.
Pterigynandrum Hedw.
Myurella Bruch & al.
Heterocladium Bruch & al.

Family **Thuidiaceae** Schimp.

Haplocladium Müll. Hal.
Thuidium Bruch & al.

Family **Thamnobryaceae**

Margad. & Dering
Thamnobryum Nieuwl.

Family **Amblystegiaceae** G.

Roth
Cratoneuron (Sull.) Spruce
Palustriella Ochyra
Campylium (Sull.) Mitt.

Amblystegium Bruch & al.
Conardia H. Rob.
Sanionia Loeske
Drepanocladus (Müll. Hal.)
 G. Roth
Hamatocaulis Hedenas
Scorpidium (Schimp.)
 Limpr.
Warnstorfia Loeske
Calliergon (Sull.) Kindb.
Hygrohypnum Lindb.
Calliergonella Loeske

Family **Brachytheciaceae** G.
 Roth

Tomentypnum Loeske
Homalothecium Bruch & al.
Scorpiurium Schimp.
Isothecium Brid.
Brachythecium Bruch & al.
Cirriphyllum Grout
Scleropodium Bruch & al.
Rhynchostegium Bruch &
 al.
Eurhynchium Bruch & al.
Rhynchostegiella (Bruch &
 al.) Limpr.

Family **Myriniaceae**
 Schimp.

Helicodontium Schwägr.
Myrinia Schimp.

Family **Entodontaceae**
 Kindb.

Entodon Müll. Hal.

Family **Plagiotheciaceae**
 (Broth.) M. Fleisch.

Plagiothecium Bruch & al.

Family **Sematophyllaceae**
 Broth.

Heterophyllum (Schimp.)
 Müll. Hal. ex Kindb.
Sematophyllum Mitt.

Family **Hypnaceae** Schimp.

Orthothecium Bruch & al.
Platygyrium Bruch & al.
Pylaisia Schimp.

Homomallium (Schimp.)
 Loeske

Platydictya Berk.

Hypnum Hedw.

Callicladium H.A. Crum

Isopterygiopsis Z. Iwats.

Pseudotaxiphyllum Z.
 Iwats.

Taxiphyllum M. Fleisch.

Vesicularia (Müll. Hal.)
 Müll. Hal.

Herzogiella Broth.

Ctenidium (Schimp.) Mitt.

Ptilium De Not.

Family **Hylocomiaceae**

(Broth.) M. Fleisch.

Hylocomium Bruch & al.

Rhytidiadelphus (Limpr.)
 Warnst.

Pleurozium Mitt.

Family **Rhytidiaceae** Broth.

Rhytidium (Sull.) Kindb.

Order **TETRAPHIDALES**

Family **Tetraphidaceae**

Schimp.

Tetraphis Hedw.

Order **POLYTRICHALES**

Family **Polytrichaceae**

Schwägr.

Atrichum Beauvais

Oligotrichum Lam. & DC.

Pogonatum Beauvais

Polytrichum Hedw.

[illegible]

	AUS	PIE	LOM	TEA	VEN	HEV	LIG	EMER	SUB	TOS	MAR	UMR	LAZ	ABR	MOL	CAM	POC	BAS	CAL	SAR	SIC
Achnanthes (Pottiaceae)																					
<i>carnicicum</i> (Weber & D. Mohr) Lindb.										*										*	*
Atrichum (Polytrichaceae)																					
<i>angustatum</i> (Brid.) Bruch & Schimp.			*	*	*	*	*			*	*	*	*						*	*	*
<i>lineatum</i> (Horn.) Bruch & Schimp.		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>undulatum</i> (Hedw.) Basinella		*	*	*	*	*	*			*	*	*	*						*	*	*
var. <i>gracilisetum</i> Bosch.		*	*	*	*	*	*			*	*	*	*						*	*	*
Aulacomnium (Aulacomniaceae)																					
<i>androgynum</i> (Hedw.) Schwaigr.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
<i>palustre</i> (Hedw.) Schwaigr.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
var. <i>imbricatum</i> Bruch & Schimp.			*	*	*	*	*			*	*	*	*						*	*	*
Barbula (Mniaceae)																					
<i>strongylensis</i> Bort. (B)																					*
Barbula (Pottiaceae)																					
<i>laevis</i> (Bruch & al.) Lindb.		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>concolor</i> Hedw.		*	*	*	*	*	*			*	*	*	*						*	*	*
var. <i>commutata</i> (Jur.) Horn.		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>crucosa</i> (Brid.) Weber & D. Mohr		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>ehrenbergii</i> (Lorenz) M. Fleisch.		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>endressii</i> Garov.		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>indica</i> (Hook.) Spreng. (P)		*	*	*	*	*	*			*	*	*	*						*	*	*
<i>unguiculata</i> Hedw.		*	*	*	*	*	*			*	*	*	*						*	*	*
Bartramia (Bartramiaceae)																					
<i>halleriana</i> Hedw.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
<i>thyphylla</i> Brid.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
var. <i>zosterata</i> (Lindb.) Kindb.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
var. <i>strigosa</i> (Wahlenb.) C. Horn.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
<i>pomalensis</i> Hedw.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
var. <i>elongata</i> Turner	*	*	*	*	*	*	*			*	*	*	*						*	*	*
<i>stricta</i> Brid.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
<i>subulata</i> Bruch & al.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
Blindia (Seligeriaceae)																					
<i>acuta</i> (Hedw.) Bruch & al.	*	*	*	*	*	*	*			*	*	*	*						*	*	*
<i>caespiticia</i> (Weber & D. Mohr) Müll. Hal.	*	*	*	*	*	*	*			*	*	*	*						*	*	*

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	AUS	PER	LOM	TRA	VEN	PRV	LD	EMR	SMB	TDS	MAR	UMB	LAZ	ABB	MOI	CAM	PUD	BAS	CAL	SAB	SEC
var. <i>agathianum</i> (Brid.) Schimp.	*	*		*	*		*							*							
<i>Dicranella</i> (Dicranaceae)																					
<i>coniculata</i> (Hedw.) Schimp.	*	*	*	*	*																
<i>crispa</i> (Hedw.) Schimp. (38)	*	*	*	*	*																
<i>provillosa</i> (Brid.) Schimp.	*	*	*	*	*					*	*		*	*	*						
<i>heteromalla</i> (Hedw.) Schimp.	*	*	*	*	*					*	*		*	*	*						
<i>lowei</i> Fernald & Cardot																					
<i>humilis</i> R. Ruthe																					
<i>pubesca</i> (Dicks.) Grundw. ex E.J. Wirtg.																				*	*
<i>reflexans</i> (Dicks.) Schimp.										*	*		*	*	*					*	*
<i>schrebiana</i> (Hedw.) Dicks.					*					*	*		*	*	*					*	*
<i>subulata</i> (Hedw.) Schimp.	*	*	*	*	*					*	*		*	*	*					*	*
var. <i>convata</i> (Hedw.) Rabenth.	*	*	*	*	*					*	*		*	*	*					*	*
var. <i>varia</i> (Hedw.) Schimp.	*	*	*	*	*					*	*		*	*	*					*	*
<i>Dicranodontium</i> (Dicranaceae)																					
<i>aspidium</i> (Mitt.) Broth.			*	*	*					*	*		*	*	*					*	*
<i>denudatum</i> (Brid.) E. Britton			*	*	*					*	*		*	*	*					*	*
var. <i>alpinum</i> (Schimp.) I. Hagen			*	*	*					*	*		*	*	*					*	*
<i>undulatum</i> (Horn.) Jäggi (39)			*	*	*					*	*		*	*	*					*	*
<i>Dicranoweisia</i> (Dicranaceae)																					
<i>crinata</i> (Hedw.) Lindb. ex Mild.	*	*	*	*	*					*	*		*	*	*					*	*
<i>compacta</i> (Schwegr.) Schimp.	*	*	*	*	*					*	*		*	*	*					*	*
<i>crispula</i> (Hedw.) Mild.	*	*	*	*	*					*	*		*	*	*					*	*
<i>Dicranum</i> (Dicranaceae)																					
<i>bojeana</i> De Not.	*	*	*	*	*					*	*		*	*	*					*	*
<i>congestum</i> Brid.	*	*	*	*	*					*	*		*	*	*					*	*
<i>elongatum</i> Schleich. ex Schwegr.	*	*	*	*	*					*	*		*	*	*					*	*
<i>flagellare</i> Hedw.	*	*	*	*	*					*	*		*	*	*					*	*
<i>fragilissimum</i> Lindb.	*	*	*	*	*					*	*		*	*	*					*	*
<i>fulvum</i> Hook.	*	*	*	*	*					*	*		*	*	*					*	*
<i>fulvicans</i> Sm. (40)	*	*	*	*	*					*	*		*	*	*					*	*
<i>grandicatum</i> Brid. (41)	*	*	*	*	*					*	*		*	*	*					*	*
<i>lecontei</i> Kindb.	*	*	*	*	*					*	*		*	*	*					*	*
<i>major</i> Sm.	*	*	*	*	*					*	*		*	*	*					*	*
<i>montanum</i> Hedw.	*	*	*	*	*					*	*		*	*	*					*	*
<i>moehlioides</i> Bruch & al. (42)	*	*	*	*	*					*	*		*	*	*					*	*
var. <i>oblatum</i> (Schimp.) Lindb.	*	*	*	*	*					*	*		*	*	*					*	*

[illegible]

	AUS	POL	LDM	TBA	NEN	FRV	LHO	EABR	SMB	TDS	MAR	UMBR	LAT	ABB	MOJ	CAN	FUG	BAS	CAL	SAR	SEC
<i>dubius</i> Boissalis	*		*		*		*		*		*		*		*		*	*		*	*
<i>exiguus</i> Sull.		*	*		*		*		*		*		*		*		*	*		*	*
<i>exilis</i> Hedw.			*		*		*		*		*		*		*		*	*		*	*
<i>procallitoides</i> Brugg-Nann. & Nyholm			*		*		*		*		*		*		*		*	*		*	*
<i>Gymnanthus filios</i>		*	*		*		*		*		*		*		*		*	*		*	*
<i>incursus</i> Sturm			*		*		*		*		*		*		*		*	*		*	*
var. <i>tamarindifolius</i> (Turner) Braithw.			*		*		*		*		*		*		*		*	*		*	*
<i>lobatus</i> Sull.	*		*		*		*		*		*		*		*		*	*		*	*
var. <i>bombargeri</i> (Schimp. ex Müll.) Düll		*	*		*		*		*		*		*		*		*	*		*	*
<i>caenodoulos</i> Hedw.		*	*		*		*		*		*		*		*		*	*		*	*
<i>ovalifolius</i> R. Ruthe		*	*		*		*		*		*		*		*		*	*		*	*
<i>polypylus</i> Wilson ex Bruch & al.		*	*		*		*		*		*		*		*		*	*		*	*
<i>pustulus</i> (Wilson) Miele		*	*		*		*		*		*		*		*		*	*		*	*
<i>nudans</i> (Spruce) Bruch & al.		*	*		*		*		*		*		*		*		*	*		*	*
<i>rufulus</i> Bruch & al.		*	*		*		*		*		*		*		*		*	*		*	*
<i>semilobus</i> Brid.		*	*		*		*		*		*		*		*		*	*		*	*
<i>taxifolius</i> Hedw.		*	*		*		*		*		*		*		*		*	*		*	*
ssp. <i>paniculatus</i> (Mitt.) Monk. (49)		*	*		*		*		*		*		*		*		*	*		*	*
<i>virentulus</i> (Sw.) Wahlerb.		*	*		*		*		*		*		*		*		*	*		*	*
var. <i>intracallosus</i> (H. Ruche) Düll		*	*		*		*		*		*		*		*		*	*		*	*
Festiniella (Festiniaceae)																					
<i>antipyretica</i> Hedw. ssp. <i>antipyretica</i>	*	*	*		*		*		*		*		*		*		*	*		*	*
var. <i>agaveana</i> (Sull.) Sull.		*	*		*		*		*		*		*		*		*	*		*	*
var. <i>gracilis</i> (Lindb.) Schimp.		*	*		*		*		*		*		*		*		*	*		*	*
<i>antipyretica</i> Hedw. ssp. <i>kieslingii</i> (Renauld & Cardot) Cardot		*	*		*		*		*		*		*		*		*	*		*	*
<i>oleoscapula</i> Bruch & Schimp. (50)		*	*		*		*		*		*		*		*		*	*		*	*
<i>hypnoides</i> C. Hartm.		*	*		*		*		*		*		*		*		*	*		*	*
var. <i>clunensis</i> (Schimp.) Hurn.		*	*		*		*		*		*		*		*		*	*		*	*
<i>squamosa</i> Hedw.		*	*		*		*		*		*		*		*		*	*		*	*
Furaria (Furariaceae)																					
<i>concreta</i> Spruce		*	*		*		*		*		*		*		*		*	*		*	*
<i>Agrostoides</i> Hedw.		*	*		*		*		*		*		*		*		*	*		*	*
var. <i>calvescens</i> (Schwegr.) Mont.		*	*		*		*		*		*		*		*		*	*		*	*
var. <i>muralis</i> Huebener		*	*		*		*		*		*		*		*		*	*		*	*
<i>microstoma</i> Bruch ex Schimp.		*	*		*		*		*		*		*		*		*	*		*	*
<i>multinervi</i> Turner		*	*		*		*		*		*		*		*		*	*		*	*
<i>pubella</i> H. Philb.		*	*		*		*		*		*		*		*		*	*		*	*

	ACS	PTE	JUN	TBA	VEN	LJO	DMP	SAGE	TGS	MAR	UMG	LAT	ASR	NOL	CUM	POC	BAS	CAL	SAR	SEC
Gymnostomum (Peltaceae)																				
aeruginosum Sm.	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
calcareum Nees & Hornsch.	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
var. intermedium Schimp.																				
var. mucosum (Boulav.) Boulay			*									*	*	*	*	*	*	*	*	*
vinetulum Bnd.			*			*			*											
Gynowietia (Peltaceae)																				
refusa (Brid.) Schimp.		*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
tenius (Hedw.) Schimp.	*	*																		*
var. badia Lempz.	*	*																		*
Habrodon (Liskaceae)																				
perpusillus (De Not.) Lindb.							*		*			*		*	*	*	*	*	*	*
Hamatoxaulis (Anthlysiaceae)																				
venicosus (Mitt.) Hedw.	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
Haplecladum (Thuidiaceae)																				
angustifolium (Hampe & Müll. Hal.) Both.			*	*	*	*	*		*			*		*	*	*	*	*	*	*
virginianum (Brid.) Both. (58)	*	*																		*
Haplodymenium (Arenomniaceae)																				
frute (Des. ex De Not.) Kindb.	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
Hedwigia (Hedwigiaceae)																				
ciliata (Hedw.) Beauvais	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
infragrata Beauvais	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
Helicodendrum (Myricaceae)																				
salicum (Schimp.) M. Fleisch. (59)									*			*		*	*	*	*	*	*	*
Heterogloia (Hydnaceae)																				
seigeni (Brid.) Z. Iwats.	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
striatella (Brid.) Z. Iwats. (60)	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
Heterocladium (Heteroglossaceae)																				
dimorphum (Brid.) Bruch & al.	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*
heterophyllum (Bruch & al. (61)	*	*	*	*	*	*	*		*			*		*	*	*	*	*	*	*

	AOS	ITU	COM	TRA	VEN	FRY	LIO	EMR	SHR	TOS	MAC	UMB	LAZ	ABR	MOL	CAM	PUG	BAS	CAL	SAR	REC
<i>splendens</i> (Hedw.) Bruch & al. <i>umbrosum</i> (Hedw.) Bruch & al. (52)	*	*	*	*	*	*	*	*		*		*	*	*			*		*	+	*
Hymenostylium (Pottiaceae)																					
<i>recurvum</i> (Hedw.) Dixon var. <i>latifolium</i> (J.E. Zentgraf) Wijk & Margad.	*	*	*	*	*	*	*	*	*	*		*	*	*							*
Myopila (Pottiaceae)																					
<i>involuta</i> (Hook.) Jäggä	*	*	*	*	*	*	*	*		*		*	*	*							*
Hypnum (Hypnaceae)																					
<i>andrei</i> A.J.E. Sm. <i>bambusa</i> Schimp. <i>caespitosum</i> Brid. <i>caespitosum</i> Hedw. (63) var. <i>lacunosum</i> Brid. var. <i>subulatum</i> Molendo ssp. <i>resupinatum</i> (Taylor ex Spence) C. Hartm. <i>decoloratum</i> Müll. <i>lentile</i> Sandst. <i>hamulosum</i> Bruch & al. <i>apocynum</i> Hedw. <i>arundinum</i> Holmen & E. Wernicke <i>endobryum</i> Müll. <i>pallescens</i> (Hedw.) Bascom (54) <i>pratense</i> (Pursh.) W.D.J. Koch (65) <i>recurvum</i> (Lindb. ex Arnell) Kindb. (66) <i>revolutum</i> (Mitt.) Lindb. <i>saxatile</i> Schimp. <i>vaucheri</i> Less. (6)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Acrocladia (Hypnaceae)																					
<i>muscivora</i> (Schimp.) Z. Nees (67) <i>putchella</i> (Hedw.) Z. Nees. var. <i>minuta</i> (Wahlb.) Broth.	*	*	*	*	*	*	*	*	*	*		*	*	*					*	*	*
Isotriaena (Brachytheciaceae)																					
<i>alpestris</i> (Dubs) Broth. var. <i>robusta</i> (Bruch & al.) Dill. <i>myosurica</i> Brid.	*	*	*	*	*	*	*	*	*	*		*	*	*					*	*	*

	AGS	PEI	LOM	ILA	VEN	PRV	UG	EUR	TOR	TOE	USM	LAJ	ABR	MOI	CAN	PUG	BAS	CAL	SAR	SCI
Klaeria (Dicranaceae) <i>byeti</i> (Bruch & al.) Bruch. <i>talicata</i> (Hedw.) L. Hagen (68) <i>starkeri</i> (Wieber & D. Mohr) L. Hagen	*	*	*	*	*	*	*	*	*	*		*			*		*			*
Leptodontium (Pottiaceae) <i>benica</i> (De Not.) Schimp.		*			*		*	*	*	*		*			*					*
Leptobryum (Bryaceae) <i>pyramide</i> (Hedw.) Wilson		*	*	*	*	*	*	*	*	*	*	*			*					*
Leptodon (Leucodontaceae) <i>arabici</i> (Hedw.) Weber & D. Mohr		*	*	*	*	*	*	*	*	*	*	*			*		*			*
Leptodontium (Pottiaceae) <i>synicum</i> (Jur.) Lemp. (65)						*														
Lescuraea (Leskeaceae) <i>mutabilis</i> (Brid.) Lindb. ex L. Hagen <i>saxicola</i> (Bruch & al.) Milde	*	*	*	*	*	*	*	*	*	*					*		*			*
Leskea (Leskeaceae) <i>polycarpa</i> Hedw.	*	*	*	*	*	*	*	*	*	*	*	*			*		*			*
Leucobryum (Leucobryaceae) <i>glacium</i> (Hedw.) Anger. <i>juniperaceum</i> (Brid.) Mil. Hal.	*	*	*	*	*	*	*	*	*	*	*	*			*		*			*
Leucodon (Leucodontaceae) <i>colurides</i> (Hedw.) Schwägr. var. <i>montense</i> (Schwagr.) De Not. (76)	*	*	*	*	*	*	*	*	*	*	*	*			*		*			*
Mniella (Mniaceae) <i>longipila</i> Hedw. <i>iniqueta</i> (L. ex Richt.) Anger. <i>uliginosa</i> Hedw. (71) var. <i>alpina</i> (Fisch ex Bruch) Hampe	*	*	*	*	*	*	*	*	*	*	*	*			*		*			*
Melanickles (Mniaceae) <i>monticola</i> (Hedw.) Steere	*	*	*	*	*	*	*	*	*	*	*	*			*		*			*

	ACB	HE	LOH	TEA	VEN	FRV	LID	EMR	SMB	TGS	MAE	UMS	LAC	ABE	NOX	CAM	FUG	BAS	CAL	SAR	SKC
Melchtholera (Bryaceae)																					
<i>melchtholera</i> (Furck.) Looske	*	*	*	*	*	*		*		*											*
var. <i>elongata</i> (Hoppe & Hornsch.) Wik & Margad.																					
Melium (Mniaceae)																					
<i>ambiguum</i> H. Müll.	*	*	*	*	*	*		*		*				*					*		*
<i>florum</i> Hedw.	*	*	*	*	*	*		*		*				*					*		*
<i>marginitum</i> (Dicks.) Beauvais	*	*	*	*	*	*		*		*				*					*		*
var. <i>oblongum</i> (H. Müll.) Cernow.	*	*	*	*	*	*		*		*				*					*		*
<i>spinulosum</i> (Vitt.) Schlegel.	*	*	*	*	*	*		*		*				*					*		*
<i>spirulosum</i> Bruch & al.	*	*	*	*	*	*		*		*				*					*		*
<i>stellare</i> Hedw.	*	*	*	*	*	*		*		*				*					*		*
<i>thomsonii</i> Schimp. (72)	*	*	*	*	*	*		*		*				*					*		*
Myrtille (Myrtillaceae)																					
<i>puckinatis</i> (Wahlb.) Schimp. (73)		*																			
Myurella (Pteridomniaceae)																					
<i>villosa</i> (Schw.) Bruch & al.	*	*	*	*	*	*		*		*				*					*		*
<i>villosa</i> (Müll. Hal.) Reimers	*	*	*	*	*	*		*		*				*					*		*
<i>tenerrima</i> (Brid.) Lindb.	*	*	*	*	*	*		*		*				*					*		*
Neckera (Nekiaceae)																					
<i>complanata</i> (Hedw.) Hustbaker	*	*	*	*	*	*		*		*				*					*		*
<i>crispata</i> Hedw.	*	*	*	*	*	*		*		*				*					*		*
<i>dissepens</i> Bruch	*	*	*	*	*	*		*		*				*					*		*
<i>pinnata</i> Hedw. (74)	*	*	*	*	*	*		*		*				*					*		*
<i>pumila</i> Hedw.	*	*	*	*	*	*		*		*				*					*		*
var. <i>puberula</i> Jur. (75)	*	*	*	*	*	*		*		*				*					*		*
Oedodieras (Fissidaceae)																					
<i>fontanum</i> (Bach. Pyl.) Lindb.	*	*	*	*	*	*		*		*				*					*		*
Oligotrichum (Polytrichaceae)																					
<i>heterosporum</i> (Hedw.) Lam. & DC.	*	*	*	*	*	*		*		*				*					*		*
Onoclethrus (Dicranaceae)																					
<i>viridis</i> (Hedw.) Brid. (76)	*	*	*	*	*	*		*		*				*					*		*
<i>Wahlbergii</i> Brid.	*	*	*	*	*	*		*		*				*					*		*

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	ACS	PTL	LOM	TSLA	VES	REV	LIO	ENR	SNR	TCS	MAU/US	LAZ	AIR	MOE	CAM	POC	BAS	CAL	SAR	SEC
<i>velans</i> (Ling.) H. Lindb. <i>wahlenbergii</i> (Weber & D. Mohr) A.L. Andrews var. <i>calcaneum</i> (Wernst.) E.F. Warb. var. <i>glacialis</i> (Brid.) E.F. Warb.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
Polystichum (Polystichaceae)																				
<i>alpinum</i> Hedw. (91)	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>arcticum</i> (Brid.) Brid.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>septentrionale</i> (Sw.) Lindb.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>commune</i> Hedw.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>humile</i> Sw.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>perigouale</i> (Mitt.) Hemsch (9)	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>formosum</i> Hedw.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>juniperinum</i> Hedw.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>longicolum</i> Sw. as Brid.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>pallidulum</i> Funck	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>pallidum</i> Hedw.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>hoppelii</i> (Hornsch.) Rabenh.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>saxatilis</i> Hedw.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>strictum</i> Brid. (82)	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>swartzii</i> C. Horn.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
Pottia (Pottiaceae)																				
<i>bryoides</i> (Dicks.) Mitt.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>caespitosa</i> (Bruch) Müll. Hal.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>commutata</i> Lingr.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>crinita</i> Wilson	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>divalliana</i> (Sm.) C.E.O. Jens.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>brachypoda</i> (Müll. Hal.) D.F. Chamb.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
var. <i>convexa</i> (Schleich.) D.F. Chamb.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>intermedia</i> (Turner) Funck	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>lanceolata</i> (Hedw.) Müll. Hal.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>pallida</i> Lindb.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>recta</i> (Witt.) Mitt.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>strobilata</i> (Hedw.) Müll. Hal.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>truncata</i> (Hedw.) Bruch & Schimp.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
<i>wilsonii</i> (Hook.) Bruch & Schimp.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*
Pseudophanerum (Dicranaceae)																				
<i>nitidum</i> (Hedw.) Rein.	*	*	*	*	*	*	*	*		*	*	*	*					*	*	*

	AOS	PSE	LOM	TBA	VEN	FRV	LUD	UMB	SME	TDS	MAR	UMB	LACZ	ATB	MDL	CAM	JUG	RAS	CAL	SAB	BIC
durius (Mort.) W. Allorge & J. Parze.													*			*				*	*
jacquinii (Garow.) Lmpt. (96)				*	*	*	*									*				*	*
lewisii (Bruch & al.) Lmpt.		*		*	*	*	*					*					*	*	*	*	*
tenella (Dickx.) Lmpt.						*	*		*							*				*	*
var. Alona (De Not.) Fleck. & E.C. Wolsten (88)		*				*	*					*				*				*	*
tenella (Spruce) Kort.		*		*												*				*	*
Rhynchosiastrum (Brachytheciaceae)																					
confertum (Dickx.) Bruch & al.		*		*	*	*	*		*			*		*	*			*	*	*	*
megalospermum (Weber & D. Mohr) Bruch & al.				*	*	*	*					*		*	*			*	*	*	*
var. meridionale Schimp.						*	*					*		*	*			*	*	*	*
mirale (Hedw.) Bruch & al.				*	*	*	*					*		*	*			*	*	*	*
apicoides (Hedw.) C.E.O. Jens.		*		*	*	*	*					*		*	*			*	*	*	*
retundulum (Brid.) Bruch & al.		*		*	*	*	*					*		*	*			*	*	*	*
Rhytidolepis (Hycomniaceae)																					
zirena (Hedw.) Warnst.		*		*	*	*	*					*		*	*			*	*	*	*
aquasius (Hedw.) Warnst.		*		*	*	*	*					*		*	*			*	*	*	*
subpinatus (Lindb.) T.J. Kop.		*		*	*	*	*					*		*	*			*	*	*	*
iniquus (Hedw.) Warnst.		*		*	*	*	*					*		*	*			*	*	*	*
Rhytidium (Rhytidaceae)																					
rugosum (Hedw.) Kindb.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
Saxilepis (Grimmiaceae)																					
glaucescens (Hedw.) Breth.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
Saxilepis (Amblystegiaceae)																					
anchista (Hedw.) Loeske		*		*	*	*	*		*			*		*	*		*	*	*	*	*
Schleridium (Grimmiaceae)																					
agassizii Sull. & Lenz.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
apocarpum (Hedw.) Bruch & Schimp.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
var. confertum (Frick) H. Müller		*		*	*	*	*		*			*		*	*		*	*	*	*	*
atrofuscum (Schimp.) Lmpt. (100)		*		*	*	*	*		*			*		*	*		*	*	*	*	*
brunneolum (Lmpt.) Lmpt.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
flaccidum (De Not.) Ochrya		*		*	*	*	*		*			*		*	*		*	*	*	*	*
maritimum (Turner) Bruch & Schimp.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
nivale (Brid.) Fock.		*		*	*	*	*		*			*		*	*		*	*	*	*	*
sep. latissimum (d. E. Zentgraf) B. Bromar		*		*	*	*	*		*			*		*	*		*	*	*	*	*
strictum (Turner) Loeske ex Martensen		*		*	*	*	*		*			*		*	*		*	*	*	*	*

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Notes

- 1 — Only report for Merano [sub: *Tortula brevirostris*] by Sauter A. E. (1846) who had received the specimen from Bamberger. The same report was made by Dalla Torre & Sarnthein (1904) who considered it uncertain as they could not discover the herbarium specimen.
- 2 — The reports of Raimondo (1979) [sub: *Campylium radicale*] for TOS and of Tosco (1968-69) [sub: *A. radicale*] for PUG are excluded for being erroneously identified.
- 3 — The report for SAR by Düll (1984-85) and by Cortini Pedrotti & Troiano (1985) refers to a specimen collected by Düll and identified as *A. angustata*, but after a revision carried out by Murray it was seen to be *A. rothii* ssp. *falcata*.
- 4 — The report for LAZ is a very generic one; in fact, Brizi (1897-98) mentions it in mountain areas but without referring to any precise locality.
- 5 — The report for LAZ [sub: *A. compactum*] of Brizi (1893) refers to a fossile specimen found at a depth of ca 9 m below the bed of the River Tiber.
- 6 — Only reported by Holler (1906) [sub: *Molendoo hornschiuchiana*] for the Sasso Lungo (Val Gardena).
- 7 — The report for TRA by Düll (1991) in the Val di Rabbi is erroneous because Venturi (1876) explicitly states that in the Val di Rabbi "non mai si rinviene l'*Arctoa fulvella*, ecc."; therefore for TRA only Röll's (1897) report for the Val Senales is valid.
- 8 — Endemic to the Mediterranean and present on the islands of Pantelleria, Stromboli and Vulcano.
- 9 — The report for SIC is by Düll (*in litteris* 12.3.1991).
- 10 — The report for SAR by Cortini (1964) is excluded for being erroneously identified.
- 11 — The report for SAR of Cortini Pedrotti (1980b) is excluded for being erroneously given as a synonym for *B. starkei* var. *praelongum*.
- 12 — The report for CAL [sub: *B. rivulare* ssp. *latifolium*] of Tosco (1965) is excluded for being erroneously identified.
- 13 — The report for SAR of Cortini (1964) is excluded for being erroneously identified.
- 14 — Only reported [sub: *B. tromsöense*] by Kern (1913) for the Passo Grosté.
- 15 — The report for TOS (island of Montecristo) of Cortini Pedrotti (1980a) is excluded for being erroneously identified.
- 16 — Only reported [sub: *B. payotianum*] by Marco (1907) for Valsesia.
- 17 — Only reported [sub: *B. trobasiana*] by De Notaris (1865-67) for Trobaso (Valle Intrasca).
- 18 — Only reported by Giacomini (1938a) for Monte Gaviola (Passo di Gavia).
- 19 — The report for SAR by Cortini (1964) is uncertain since this is a sterile specimen with deteriorated leaves.
- 20 — Nicholson (1909) reports it for a glacier near Solda but states that the plant is distinctly smaller than the North European *Bryum mamillatum*.
- 21 — The report for Campeda (Sardinia) by Cortini Pedrotti & Troiano (1985) is excluded for being erroneously identified; therefore the only report remaining is the generic one for central Sardinia by De Notaris (1865-67) [sub: *B. combae* De Not.].
- 22 — Only reported by De Notaris (1869) on the cliffs and in the gravel along the River Adda (Bergamo).
- 23 — Only reported by De Notaris (1869) for the city walls of Bergamo.

- 24 — The report for PIE refers to a sample erroneously identified as *Plagiothecium latebricola* (Mondino 1974-75). That for SIC by Düll (1984-85) is to be rejected since in the literature there are no other references mentioning the precise locality of its collection or observation.
- 25 — The reports for MAR by Cortini Pedrotti (1970), for UMB by Cortini Pedrotti (1985) and for SAR by Cortini Pedrotti & Troiano (1985) are excluded for being erroneously identified. The only remaining report for LOM (Monti Azzarini and Monte Pisgana) by De Notaris (1869) is uncertain.
- 26 — Reported by various authors only for the island of Pantelleria.
- 27 — Only reported [sub: *Hypnum polygamum* var. *minus*] by Bottini (1913) for Lake Massaciuccoli.
- 28 — The report for MAR by Bellomaria (1972) is excluded for being erroneously identified.
- 29 — The report for TOS (island of Montecristo) by Cortini (1963) has been corrected to *C. introflexus* var. *polytrichoides* (= *C. pilifer*) (Cortini Pedrotti 1980a).
- 30 — The report [sub: *C. fragilis* var. *pyriformis*] for MOL by Bianchini (1987) is excluded for being erroneously identified.
- 31 — Only reported by Zodda (1907b) for Chiapuzza (Belluno) along the Musigo.
- 32 — The report for TOS by Ferrarini (1977, 1982) is excluded for being erroneously identified.
- 33 — Only reported by Philippi (1967) along the Tiber at Ponte Palatino (Roma).
- 34 — Only reported by Lindberg (1881) for the banks of the River Arno near Pisa.
- 35 — The report for SAR by Cortini Pedrotti & Troiano (1985) is excluded for being erroneously identified.
- 36 — The report for TOS by Raimondo (1979) is excluded for being erroneously identified.
- 37 — Only reported by Venturi (1899) for the Valle del Forno behind Monte Cevedale.
- 38 — The report [sub: *Anisothecium vaginale*] for SIC by Raimondo & Dia (1981) is excluded for being erroneously identified.
- 39 — Only reported by Glowacki (1915) for the Val di Lazzago near Vipiteno.
- 40 — For TOS the only report is that of Fitzgerald & Bottini (1881) for the Apennines, whereas that of Raffaelli & Grotteria (1981) for the surroundings of Florence is excluded for being erroneously identified.
- 41 — Only report by Trautmann (1911) for the South Tyrol side of the Stelvio Pass.
- 42 — The report for MAR by Bellomaria (1972) is excluded for being erroneously identified.
- 43 — The report for SAR of *D. kneiffii* var. *sardous* (Zodda 1911b), subsequently reported as *D. aduncus* var. *laxus* (Cortini Pedrotti 1980b), is to be attributed to *D. aduncus* var. *kneiffii*.
- 44 — The report for EMR [sub: *D. intermedius*] by Ferrarini (1982) is excluded for being erroneously identified.
- 45 — The report for TOS by Raffaelli & Grotteria (1981) is excluded for being erroneously identified.
- 46 — As long as no critical revision of herbarium specimens is brought out, all reports of *E. vulgaris* var. *mutica* Brid., var. *obtusata* Nees et Hornsch. and var. *obtusifolia* Funck. have been included in *E. vulgaris*.
- 47 — Only reported by Sotti (1977) for Val Sangone.
- 48 — The reports for TOS by De Dominicis & Barluzzi (1983) and by Murgia & Sassi (1982) are excluded for being erroneously identified.

- 49 — The report for SIC by Düll (1984-85) and by Dia, Miceli & Raimondo (1987) is to be rejected since in the literature there are no other references mentioning the precise locality of its collection or observation.
- 50 — Only reported [sub: *F. cavareana*] by Farneti (1894, 1899) for the surroundings of Pavia.
- 51 — The report for TOS by Ferrarini (1977) is excluded for being erroneously identified.
- 52 — The report for TOS by Lange (1868, 1875) has been placed in doubt by the author, as the specimen is a sterile one.
- 53 — Only reported by Bottini (1913) for Campello Monti.
- 54 — The reports for SAR by Cortini (1964) and for SIC by Privitera & Lo Giudice (1980) are excluded for being erroneously identified.
- 55 — The reports for CAM for the Vesuvian lavas by Licopoli (1871) and for SIC for island of Pantelleria by Privitera & Puglisi (1989), not being confirmed by herbarium specimens, are to be considered as uncertain.
- 56 — The report for TOS by Ferrarini (1984) is excluded for being erroneously identified.
- 57 — The report for VEN by Molendo (1864) was placed in doubt by the Author.
- 58 — The report for TRA by Bálátová-Tuláková & Venanzoni (1990) is excluded for being erroneously identified.
- 59 — Only reported [sub: *Dubyella italica*] by De Notaris (1869) for Massa near Carrara.
- 60 — The report by Murgia & Sassi (1982) [sub: *Dolichotheca striatella*] is not confirmed by herbarium specimen.
- 61 — The report for SAR by Cortini Pedrotti (1966) is uncertain, not being possible to find the herbarium specimen deposited in the Hb FI.
- 62 — The report for TOS by Raffaelli & Grotteria (1981) is excluded for being erroneously identified.
- 63 — A revision of all the Italian specimens of the *Hypnum cupressiforme* group ought to be carried out.
- 64 — The report for TOS by Ferrarini (1977) is excluded for being erroneously identified.
- 65 — The report for LAZ by Zodda (1909) not being confirmed by herbarium specimens, is to be considered as uncertain.
- 66 — The report for PUG by Rabenhorst (1849-50) not being confirmed by herbarium specimens, is to be considered as uncertain.
- 67 — The report for SAR by Berta & Chiappini (1978) not being confirmed by herbarium specimens, is to be considered as uncertain.
- 68 — The report for TOS by Ferrarini (1977) is excluded for being erroneously identified.
- 69 — Only reported by Kern (1908) for Pic Chiadin.
- 70 — The report for TRA by Düll (1991) was placed in doubt by the author.
- 71 — The report for TOS by Ferrarini & Marchetti (1983) is excluded for being erroneously identified.
- 72 — The report for TOS [sub: *M. lycopodioides*] by Ferrarini (1977) for Alta Valle of Sestione is excluded for being erroneously identified.
- 73 — Only generic reported [sub: *Leskea subenervis*] by Garovaglio (1844). The reports for TOS by Ferrarini & Marchetti (1983) and for SIC by Lo Giudice & Privitera (1987) are excluded for being erroneously identified.
- 74 — The report for SAR by Müller (1829) is uncertain in that the author mentions it generically without specifying any precise locality.

- 75 — Only reported [sub: *N. pumila* var. *philippeana*] for Bosco Cansiglio (lg. Düll 6.8.1964).
- 76 — The report [sub: *Cynodontium virens*] for SIC by Lojacono Pojero (1886) was placed in doubt by the author because is a sterile specimen.
- 77 — Only reported [sub: *O. perforatum*] by Trautmann (1911) for the surroundings of S. Geltrude.
- 78 — Only reported [sub: *O. paradoxum*] by Trautmann (1911) for the surroundings of Trafoi.
- 79 — The report for SAR by Cortini Pedrotti & Troiano (1985) is excluded for being erroneously identified; therefore the only report remaining is the generic one by Herzog (1926b).
- 80 — Only reported by Arcangeli (1889) [sub: *Dicranum longifolium* var. *subalpinum*] for Monte Amiata.
- 81 — The report for MAR by Laschin Abu-Saba (1990) is excluded for being erroneously identified.
- 82 — A revision of all herbarium specimens is required, at least for the more southern stations.
- 83 — Only reported by Artaria (1922) for Valle Piniana (Como).
- 84 — Only reported [sub: *P. denticulatum* var. *donii*] by Levier (1905) for Valsesia.
- 85 — The report by Cortini Pedrotti (1980a) for island of Montecristo is excluded for being erroneously identified.
- 86 — The reports for TOS by Ferrarini (1984) and by Ferrarini & Marchetti (1983) are excluded for being erroneously identified.
- 87 — Only reported [sub: *Webera ambigua*] by Kern (1912) for Bagni Tre Chiese (Valle Isarco).
- 88 — Only reported by Aleffi (1992) for Valle Pagana (Mainarde Group).
- 89 — The report for SAR by Düll (1984-85) is to be rejected since in the literature there are no other references mentioning the precise locality of its collection or observation.
- 90 — The report for SIC by Raimondo & Dia (1978) is excluded in that this is a *P. nutans* (rev. Nordhorn-Richter); therefore, there is only the report of Rota in De Notaris (1869) referring to the lombard side of the Tonale Pass, and not to the Trentino side as stated by Düll (1991).
- 91 — The report for MOL refers to a specimen classified as var. *septentrionale* (Bianchini 1987), which however, being sterile, cannot be ascribed to that variety.
- 92 — Only reported by Giacomini (1938b) [sub: *P. illyrica*] for the surroundings of Campobasso.
- 93 — Only reported between Ponte all'Isarco and Campodazzo by Dalla Torre & Sarnthein (1904).
- 94 — Only reported [sub: *P. nigricans* var. *albidens*] by Zodda (1911a) for Acicastello. The report for Italy by Düll (1984-85) is to be rejected since in the literature there are no other references mentioning the precise locality of its collection or observation.
- 95 — As a result of studies by Frisvoll (1983, 1988), a revision of herbarium specimens is required, above all for the *canescens* and *heterostichum* groups.
- 96 — The report for LOM is by Düll (*in litteris* 12.3.1991).
- 97 — The report for TOS by Ferrarini (1984) is excluded for being erroneously identified.

- 98 — The report by Frahm (1979) for Pisino is excluded since this locality is in Croatia; therefore the only report remaining is for Rovereto and Val Martello (Düll 1991).
- 99 — The report for PUG refers to a sample erroneously classified as *Amblystegium radicale* (= *A. saxatile*) (Tosco 1968-69).
- 100 — The report for EMR by Zangheri (1966) has been placed in doubt by the author, the specimen being sterile and insufficient.
- 101 — Only reported [sub: *S. apocarpum* ssp. *brunnescens*] by Tosco (1973) for Cogne, along the road for Lillaz.
- 102 — Only reported by Düll (1991) for the Lake of Ledro to the east of Molina.
- 103 — Being generic, the report for LAZ by Brizi (1897-98) is uncertain; that for PUG refers to a mention in a dissertation thesis, but Tosco (1968-69) considers it uncertain as he could not find the herbarium specimen.
- 104 — The report for SIC is uncertain since the specimen, collected by Zodda (1907a), was classified by Roth with reservation.
- 105 — Only reported [sub: *S. calophyllum* var. *attenuatum*] by Herzog (1961) for island of Vulcano.
- 106 — Only reported by Levier (1905) for Monterivechi (Firenze).
- 107 — The report for TRA by Venturi (1893) is excluded since according to Dalla Torre & Sarnthein (1904) corresponds to *S. tristicha* (= *S. trifaria*).
- 108 — Only reported by Giacomini (1939) for Monte Sobretta (Val dell'Alpe).
- 109 — The herbarium specimen of Fitzgerald & Bottini (1881) for EMR (Rigoso), classified as *S. pusilla*, corresponds to *S. donniana* e *S. recurvata* (rev. L. Gos). The report for ABR (Bottini 1913) corresponds a specimen classified as *S. acutifolia* var. *longiseta* (rev. L. Gos).
- 110 — As a result of a revision by L. Gos, all specimens of *S. trifaria* in the Apuans Alps (Cortini Pedrotti *et alii* 1991) correspond to var. *longifolia*.
- 111 — The report by Tosco (1987) for FRV is excluded for being erroneously identified.
- 112 — Cecchetani (1907) reported the presence of *Sphagnum* sp. in the Campotosto peat bog; this station has now disappeared due to the construction of an artificial lake. It was the only report of *Sphagnum* for the Abruzzi region.
- 113 — Only reported by Röhl (1897) for Terme del Brennero.
- 114 — The report for SIC by Düll (1984-85) and by Dia, Miceli & Raimondo (1987) is to be rejected since in the literature there are no other references mentioning the precise locality of its collection or observation.
- 115 — Endemic to the Mediterranean and present on the island of Pantelleria.
- 116 — Only reported by Filipello (1964) for Rocciacotello.
- 117 — As a result of taxonomic studies by Brassard (1979, 1984), all reports with the binomial *T. megapolitana* have been considered as ssp. *bavarica*. A revision of all the herbarium specimens collected in Italy is thus required.
- 118 — The report for SAR by Cortini Pedrotti & Troiano (1985) is excluded for being erroneously identified.
- 119 — Only reported by Giacomini (1950) [sub: *Syntrichia spuria*] for Val di Susa.
- 120 — Only reported by Loeske (1934) for island of Giglio.
- 121 — The report for SAR by Cortini Pedrotti (1980b) [sub: *T. alpina*] is excluded for being erroneously given as a synonym for *T. pagorum*.
- 122 — The reports for PIE by Sotti (1977) and by Tosco (1981) are excluded for being erroneously identified.
- 123 — The report for LAZ by Fiorini Mazzanti (1841) for Roma (Cloaca Massima) not being confirmed by herbarium specimens, are to be considered as uncertain.

- 124 — The report by Düll (1984-85) for Italy has been subsequently corrected to SIC (Düll *in literis* 5.5.1992).
- 125 — The report by Lojaccono Pojero (1886) [sub: *Hypnum fluitans* var. *stenophyllum*] for SIC has been placed in doubt by the author.
- 126 — Collected by Forsyth Major on the island of Giglio and reported by Geheeb (1886) [sub: *Systegium multicapsularis*]. This is considered uncertain since Bottini was unable to confirm the classification given the bad state of the specimens (Tanfani 1890).
- 127 — The reports for MAR by Andreani & Cortini Pedrotti (1986) and for SAR by Cortini Pedrotti & Troiano (1985) are excluded for being erroneously identified.
- 128 — The report for SIC by Düll (1984-85) refers to the island of Malta (Bottini 1907), and is therefore not in Italy.
- 129 — As a result of a taxonomic study by Düll (1985) for the genus *Zygodon* in Europe, all reports with the binomial *Z. viridissimus* have been considered as *ssp. baumgartneri* (= *Z. rupestris*).

Excluded taxa

Andreaea angustata Lindb. ex Limpr.

Reported by Düll (1984-85) and by Cortini Pedrotti & Troiano (1985) for SAR, but after a revision carried out by Murray seen to be *Andreaea rothii* ssp. *falcata*.

Anoetanglum schliephackei (Schlieph.) Paris

Reported by Giacomini (1947) [sub: *Pleuroweisia schliephackei* Limpr.] and by Düll (1984-85).

Anomobryum julaceum (P. Gaertn. & al.) Schimp. var. *cuspidatum* (J.J. Amann) Düll

Reported by Giacomini (1947) [sub: *A. filiforme* ssp. *cuspidatum* (Amann) Loeske] and by Düll (1984-85).

Antitrichia curtispindula (Hedw.) Brid. fo. *pristoides* (Glow.) Horvatic

Reported by Giacomini (1947) [sub: *A. curtispindula* ssp. *pristoides* (Glow.) Giac.].

Atractyllocarpus alpinus (Schimp. ex Milde) Lindb.

The mention by Giacomini (1947) [sub: *Meizlerella alpina* (Schimp.) Hagen] and by Düll (1984-85) was probably taken from Venturi (1899) who reported it at the border of the Vorarlberg with the Tyrol and said that it could also be found in the upper Valle di Sole. The same report was also made by Dalla Torre & Sarnthein (1904).

Atrichum angustatum (Brid.) Bruch & Schimp. var. *muelleri* (Schimp.) B. Bartram

Reported by Düll (1984-85).

Aulacomnium turgidum (Wahlenb.) Schwägr.

Generically reported by Dalla Torre & Sarnthein (1904) and by Podpera (1954) for the Tyrol, as well as by Giacomini (1947) and Düll (1984-85, 1991), without there being, however, any precise bibliographical mention.

Brachythecium velutinum (Hedw.) Bruch & al. var. *vagans* (Milde) Warnst.

Reported by Düll (1984-85).

Breutelia chrysocoma (Hedw.) Lindb.

Reported by Giacomini (1947) and by Düll (1984-85).

Brotherella lorentziana (Lorentz) Loeske

Reported for PIE by Mondino (1974-75) but it is excluded for being erroneously identified.

Bryoerythrophyllum ferruginascens (Stirt.) Giacom.

Reported by Giacomini (1947) and by Düll (1984-85).

Bryum billardieri Schwägr.

Reported by Fiorini Mazzanti (1841) for LAZ and by Bolle (1865) for CAM, but this species living in America and Australia.

Bryum caespitium* Hedw. var. *culmannii* (Limpr.) Düll**Reported by Giacomini (1947) [sub: *B. culmannii* (Limpr.) Giac.]Bryum colombii* Meyl.**

Reported by Giacomini (1947).

Bryum geheebii* Müll. Hal.**Reported by Düll (1984-85) but it corresponds to *B. gemmiparum* De Not. (Düll in *litteris* 5.5.1992).Bryum imbricatum* (Schwägr.) Bruch & Schimp. var. *languardicum* (H. Winter & Janzen) Podp.**Reported by Giacomini (1947) [sub: *B. languardicum* H. Wint. & Janz.].***Bryum marginatum* Bruch & Schimp.**Reported by Giacomini (1947) [sub: *B. murale* Wils. ssp. *marginatum* (Br. eur.) Giac.].***Bryum pseudotriquetrum* (Hedw.) P. Gaertn. & al. ssp. *septemvasale* (Roth) Podp.**Reported by Giacomini (1947) [sub: *B. septemvasale* Roth].***Bryum treubii* Broth.**

A species living exclusively in Asia, and so its report by Lübenau (1968, 1970) for the island of Vulcano should be considered erroneous.

***Ditrichum x astomoides* Limpr.**

Reported by Düll (1984-85).

***Ditrichum pallidum* (Hedw.) Hampe var. *x knappii* (Jur.) Roth**

Reported by Düll (1984-85).

Ditrichum pusillum* (Hedw.) Hampe var. *glaciale* (Schimp.) Wijk & Margad.**Reported by Giacomini (1947) [sub: *D. nivale* (K. Müll.) Limpr.] and by Düll (1984-85).Drepanocladus brevifolius* (Lindb.) Warnst.**Reported for PIE by Tadini (1973) [sub: *D. lycopodioides* (Schwaeagr.) Warnst. fo. *brevifolius* Mönk.] but it is excluded for being erroneously identified.***Drepanocladus capillifolius* (Warnst.) Warnst.**

Reported by Bálátová-Tuláková and Venanzoni (1989) but it is excluded for being erroneously identified.

***Encalypta mutica* L. Hagen**A subarctic species reported in Europe by Horton & Murray (1976) only for Fennoscandia; Pierrot (1991) mentions it for Scandinavia, and with some reservation for Central Europe. Thus, as long as no critical revision of herbarium specimens is brought out, all reports for Italy (PIE, TRA, VEN, FRV, EMR, TOS, LAZ, SIC) [sub: *E. vulgaris* var. *mutica* Brid., var. *obtusifolia* Nees & Hornsch. and var. *obtusifolia* Funck] should be considered as being *E. vulgaris*.

Encalypta procera Bruch

Reported by Düll (1984-85) with some reservation.

Entosthodon durieui Mont.

Reported by Giacomini (1947) [sub: *E. commutatus* Dur. & Mont.] and by Düll (1984-85).

Eurhynchium concavifolium Tosco

Erroneously described as a new species (Tosco 1968-69).

Fissidens grandifrons Brid.

Reported by Düll (1984-85).

Fissidens kosanii Latzel

Reported by Giacomini (1947) and Düll (1984-85); most probably, Latzel's (1931) mention of it in Ragusa, the present-day Dubrovnik in Croatia, has led to its being mistakenly taken for the Ragusa in Sicily.

Fontinalis antipyretica Hedw. ssp. *antipyretica* var. *arvernica* (Renauld) Husn.

Reported by Giacomini (1947) [sub: *F. antipyretica* ssp. *arvernica* (Ren.) Card.].

Fontinalis antipyretica Hedw. ssp. *antipyretica* var. *heldreichii* (Müll. Hal.) Ruthe

Reported by Giacomini (1947) [sub: *F. heldreichii* C. Müll.].

Grimmia donniana Sm. var. *brevisetata* Loeske

Reported by Giacomini (1947) and by Düll (1984-85).

Grimmia hartmanii Schimp. var. *montenegrina* Beck & Szyszyl.

Reported by Giacomini (1947) [sub: *G. hartmanii* ssp. *montenegrina* (Breidl.) Giac.] and by Düll (1984-85).

Grimmia pitardii Corb.

Reported by Giacomini (1947) and by Düll (1984-85).

Haplocladium microphyllum (Hedw.) Broth.

Reported for PIE by Tadini (1959, 1973) and for TRA by Bálátová-Tulácková and Venanzoni (1990) but it is excluded for being erroneously identified.

Helodium blandowii (Weber & D. Mohr) Warnst.

Reported by Düll (1984-85).

Hygroamblystegium sculerense Tadini

Erroneously described as a new species (Tadini 1973).

Hygrohypnum styriacum (Limpr.) Broth.

Reported by Giacomini (1947) and by Düll (1984-85).

Hyocomium armoricum (Brid.) Wijk & Margad.

Reported for PIE by De Andrade and Sotti (1976) but it is excluded for being erroneously identified.

- Isoetecium rigidissimum* (Müll. Hal.) M. Fleisch.
Reported for SAR by Berta and Chiappini (1978) but it is excluded for being erroneously identified.
- Leskea obscura* Hedw.
Reported by Düll (1984-85).
- Micromitrium tenerum* (Bruch & Schimp.) Crosby var. *longifolium* Limpr.
Generically reported for LAZ by Brizi (1897-98) [sub: *Ephemerum philibertii* Besch.], but without confirmation from herbarium specimens.
- Neckera pennata* Hedw. var. *cephalonica* (Jur. & Unger) Schimp.
Reported by Giacomini (1947) [sub: *N. pennata* ssp. *cephalonica* (Jur.) Giac.] and by Düll (1984-85).
- Orthotrichum gymnostomum* Bruch ex Brid.
Reported by Giacomini (1947) and by Düll (1984-85).
- Oxyrrhynchium homalothecioides* Tosco
Erroneously described as a new species (Bianchini 1987).
- Phascum floerkeanum* Weber & D. Mohr var. *arbenae* (Loitl.) Podp.
Reported by Giacomini (1947) [sub: *P. arbenae* Loitlesb.].
- Plagiothecium latebricola* Bruch & Schimp.
Reported for PIE by Fanelli and Tosco (1962) and by Mondino (1965, 1974-75) but it is excluded for being erroneously identified.
- Plagiothecium neckeroideum* Bruch & al.
Reported by Giacomini (1947) and by Düll (1984-85).
- Pohlia elongata* Hedw. ssp. *berninae* (Herzog & Podp.) Wijk & Margad.
Reported by Giacomini (1947) [sub: *Webera berninae* (Herzog & Podp.) Giac.].
- Pottia truncata* (Hedw.) Bruch & Schimp. var. *illyrica* (Latzel) Podp.
Reported by Giacomini (1947) [sub: *P. illyrica* Latzel].
- Pseudoleskea radicata* (Mitt.) Mönk. var. *denudata* (Kindb.) E. Lawton
Reported by Giacomini (1947) [sub: *P. denudata* Kindb.] and by Düll (1984-85).
- Pseudoleskeella sibirica* (Arnell) P.S. Wilson & D.H. Norris
Generically reported by Wilson & Norris (1989) for Italy "in the mountains, rare".
- Rhabdoweisia crenulata* (Mitt.) H. Jameson
Reported by Giacomini (1947).
- Rhynchostegiella calidiorum* Tosco
Erroneously described as a new species (Tosco 1981).

Seligeria paucifolia (Dicks.) Carruth.

Reported for TOS by Levier (1905), Giacomini (1947) and Düll (1984-85). On the basis of a review of herbarium specimens carried out by Ochyra it is seen to be *S. recurvata*.

Seligeria tristichoides Kindb.

Reported for TOS by Santarelli (1933) but without confirmation from herbarium specimens (Cortini Pedrotti *et alii* (1991).

Sphagnum lindbergii Schimp. ex Lindb.

Reported for FRV (Gemona on Monte Chiampon and Tolmezzo on Monte Arvensis) by Bottini (1919) and with reservation by Düll (1984-85); in fact, Podpera (1954) excluded the presence of this species since it had not been found in the mentioned zones.

Taylora rudolphiana (Garov.) Bruch & Schimp.

Reported by Düll (1984-85).

Tetradontium brownianum (Dicks.) Schwägr.

Reported by Giacomini (1947) and by Düll (1984-85).

Trichostomum crispulum Bruch var. *pseudo-weisia* Schimp.

Reported by Düll (1984-85).

Ulota drummondii (Hook. & Grev. ex Grev.) Brid.

Erroneously reported by Dalla Torre and Samthien (1904).

Weissia squarrosa (Nees & Hornsch.) Müll. Hal.

Erroneously reported by Düll (1984-85).

Zygodon conoideus (Dicks.) Hook. & Taylor

Reported by various authors in the last century and mistaken for *Z. forsteri*.

Zygodon dentatus (Breidl. ex Limpr.) Kartt.

Reported by Giacomini (1947) [sub: *Z. viridissimus* (Dicks.) R. Br. ssp. *dentatus* (Breidl.) Malta] and by Düll (1984-85).

Zygodon viridissimus (Dicks.) Brid. ssp. *viridissimus*

An oceanic element of Central Europe (Düll 1985) reported by Giacomini (1947) and with reservations by Düll (1984-85). Thus, as long as no critical revision of herbarium specimens is brought out, all reports of this subspecies should be considered as the ssp. *baumgartneri* (= *Z. rupestris*).

Doubtful species

Bryum fuscescens Rota
LOM (De Notaris 1869)

Bryum garovaglii De Not.
AOS (Vaccari 1906)
LOM (De Notaris 1869)

Bryum pedemontanum I. Hagen
PIE (Hagen 1908)

Cirriphyllum pirottae (Brizi) Broth.
LAZ (Brizi 1896) [sub: *Rhynchostegium pirottae* Brizi]

Cirriphyllum romanum (Brizi) Broth.
LAZ (Brizi 1896)

Didymodon flavipes De Not.
LOM (Garovaglio 1844)

Entosthodon italicus Rota
LOM (De Notaris 1869)

Grimmia camoniana Rota
TRA (De Notaris 1869)

Grimmia gebhardii Spreng.
TRA (De Notaris 1838)

Grimmia mixta Herzog
SAR (Herzog 1926a)

Grimmia orbiculari-tergestina H. Philib.
AOS (Giacomini 1950) [sub: *G. philiberti* Giac.]

Grimmia pilosissima Herzog
SAR (Herzog 1911)

Hygrohypnum glaciale Warnst.
LOM (Warnstorf 1916)

Hypnum curvatum Schimp.
TRA (Heufler 1851)
LAZ (Fiorini Mazzanti 1841)
PUG (Rabenhorst 1849-50)

Lescuraea serrata Warnst.
TOS (Warnstorf 1916)

Orthotrichum arcangelicum Massari
SAR (Massari 1897)

Orthotrichum gracile Herzog
SAR (Herzog 1905)

Pohlia geniculata (Brid.) Wijk & Margad.
LOM (De Notaris 1869) [sub: *Bryum geniculatum* Brid.]
TRA (Dalla Torre & Sarnthein 1904) [sub: *Bryum geniculatum* Brid.]

Pohlia rhaetica (Rota) Broth.
LOM (De Notaris 1869) [sub: *Bryum rhaeticum* Rota]

Tortula calcarea Fior. - Mazz.
UMB (Fiorini Mazzanti 1841)

Synonyms

- Abietinella abietina* (Hedw.) Fleisch. = *Thuidium abietinum*
Acaulon carniolicum (Web. et Mohr) C. Müll. = *Aschisma carniolicum*
Acaulon mediterraneum Limpr. = *A. muticum* var. *mediterraneum*
Acaulon minus (Hook. et Tayl.) Jäg. = *A. muticum*
Acaulon muticum var. *piligerum* Vent. et Bott. = *A. piligerum*
Acaulon pellucidum Fleisch. = *A. muticum* var. *mediterraneum*
Acrocladium cuspidatum (Hedw.) Lindb. = *Calliergonella cuspidata*
Acrocladium stramineum (Brid.) Rich. et Wallace = *Calliergon stramineum*
Aloidella rigida Hedw. = *Aloina rigida*
Aloina aloides var. *ambigua* (B. et S.) Craig = *A. ambigua*
Aloina ericaefolia (Lindb.) Kindb. = *A. ambigua*
Aloina pilifera Crum et Szwere = *A. bifrons*
Aloina rigida var. *ambigua* (B. et S.) Craig = *A. ambigua*
Aloina stellata (Schreb.) Kindb. = *A. rigida*
Aloina stellata var. *pilifera* (De Not.) Schiffn. = *A. bifrons*
Amblystegiella confervoides (Brid.) Loeske = *Amblystegium confervoides*
Amblystegiella jungermannioides (Brid.) Giac. = *Platydictya jungermannioides*
Amblystegiella subtilis (Hedw.) Loeske = *Amblystegium subtile*
Amblystegium ambiguum De Not. = *A. riparium*
Amblystegium anzianum De Not. = *Platydictya jungermannioides*
Amblystegium chrysophyllum (Brid.) De Not. = *Campylidium chrysophyllum*
Amblystegium commutatum Hedw. = *Palustriella commutata* var. *commutata*
Amblystegium compactum (C. Muell.) Aust. = *Conardia compacta*
Amblystegium cordifolium (Hedw.) De Not. = *Calliergon cordifolium*
Amblystegium curvicaule (Jur.) Dix. et Jam. = *Cratoneuron curvicaule*
Amblystegium densum Milde = *Conardia compacta*
Amblystegium elegantulum De Not. = *Palustriella commutata* var. *commutata*
Amblystegium exannulatum (B. S. et G.) De Not. = *Warnstorfia exannulata*
Amblystegium falcatum (Brid.) De Not. = *Palustriella commutata* var. *falcata*
Amblystegium falcatum var. *fluctuans* (B. S. et G.) Anzi = *Palustriella commutata* var. *fluctuans*
Amblystegium falcatum var. *subsulcatum* (Schimp.) Anzi = *Palustriella commutata* var. *sulcata*
Amblystegium fallax (Brid.) Milde = *Cratoneuron filicinum* var. *filicinum*
Amblystegium filicinum De Not. = *Cratoneuron filicinum* var. *filicinum*
Amblystegium filicinum ssp. *fallax* (Brid.) Lindb. = *Cratoneuron filicinum* var. *filicinum*
Amblystegium fluitans (Hedw.) De Not. = *Warnstorfia fluitans*
Amblystegium fluitans var. *falcatum* (B. S. et G.) Braithw. = *Warnstorfia fluitans* var. *falcata*
Amblystegium formianum Fior.-Mazz. = *Cratoneuron filicinum* var. *atrovirens*
Amblystegium gallicum Bryhn = *A. riparium*
Amblystegium giganteum (Schimp.) De Not. = *Calliergon giganteum*
Amblystegium glaucum (Lam.) Lindb. = *Palustriella commutata* var. *commutata*
Amblystegium gracile Jur. = *Haplocladium angustifolium*
Amblystegium halleri L. = *Campylidium halleri*
Amblystegium hausmannii De Not. = *A. riparium*
Amblystegium hygrophilum Schimp. = *A. saxatile*
Amblystegium intermedium Lindb. = *Drepanocladus cossonii*

- Amblystegium irrigatum* (Zett.) Vent. et Bott. = *Palustriella commutata* var. *fluctuans*
Amblystegium irriguum (Wils.) Schimp. = *A. tenax*
Amblystegium irriguum var. *fallax* (Brid.) Schimp. = *Cratoneuron filicinum* var. *filicinum*
Amblystegium jungermannioides (Brid.) A. J. E. Sm. = *Platydictya jungermannioides*
Amblystegium juratzkanum Schimp. = *A. serpens* var. *juratzkanum*
Amblystegium kneiffii B. S. et G. = *Drepanocladus aduncus* var. *kneiffii*
Amblystegium kochii B. S. et G. = *A. humile*
Amblystegium leptophyllum Schimp. = *A. riparium*
Amblystegium lycopodioides (Brid.) De Not. = *Drepanocladus lycopodioides*
Amblystegium orsinianum De Not. = *Palustriella commutata* var. *falcata*
Amblystegium polycarpum (Voit) Vent. et Bott. = *Drepanocladus aduncus* var. *polycarpus*
Amblystegium pseudostramineum (C. Muell.) Lindb. = *Warnstorfia pseudostraminea*
Amblystegium radicale (P. Beauv.) Mitt. = *A. saxatile*
Amblystegium radicale B. S. et G. = *A. varium*
Amblystegium revolvens De Not. = *Drepanocladus revolvens*
Amblystegium rigescens Limpr. = *A. serpens* var. *serpens*
Amblystegium rotae De Not. = *Warnstorfia exannulata*
Amblystegium sarmentosum (Wahlenb.) De Not. = *Calliergon sarmentosum*
Amblystegium sendtneri (Schimp.) De Not. = *Drepanocladus sendtneri*
Amblystegium sprucei (Bruch) B. S. et G. = *Platydictya jungermannioides*
Amblystegium stramineum (Brid.) De Not. = *Calliergon stramineum*
Amblystegium sulcatum (Schimp.) Hag. = *Palustriella commutata* var. *sulcata*
Amblystegium trichopodium (K. F. Schultz) Warnst. = *A. humile*
Amblystegium trifarium (Web. et Mohr) De Not. = *Calliergon trifarium*
Amblystegium uncinatum (Hedw.) De Not. = *Sanionia uncinata*
Amphoridium lapponicum Schimp. = *Amphidium lapponicum*
Amphoridium mougeotii (B. et S.) Schimp. = *Amphidium mougeotii*
Amphoridium viridissimum De Not. = *Zygodon viridissimus*
Amphoritheca ericetorum (Bals. et De Not.) Jäg. = *Entosthodon obtusus*
Anacalypta caespitosa Bruch = *Pottia caespitosa*
Anacalypta lanceolata var. *brachyoda* Lindb. = *Pottia lanceolata*
Anacalypta latifolia Nees et Hornsch. = *Stegonia latifolia*
Anacalypta latifolia var. *pilifera* (Brid.) Schimp. = *Stegonia latifolia* var. *pilifera*
Anacalypta rubella Hüb. = *Bryoerythrophyllum recurvirostrum*
Anacalypta starkeana Nees et Hornsch. = *Pottia starkeana*
Anacalypta starkeana var. *brachyodus* B. S. et G. = *Pottia davalliana* var. *brachyoda*
Anacalypta tophacea (Brid.) Führr. = *Didymodon tophaceus*
Andreaea crassinervia ssp. *crassinervia* (Bruch) Dix. = *A. crassinervia*
Andreaea falcata B. S. et G. = *A. rothii* ssp. *falcata*
Andreaea huntii Limpr. = *A. rothii* ssp. *falcata*
Andreaea petrophila Ehrh. = *A. rupestris* var. *rupestris*
Andreaea petrophila var. *alpestris* Thed. = *A. alpestris*
Andreaea rothii ssp. *crassinervia* (Bruch) Dix. = *A. crassinervia*
Andreaea rothii ssp. *frigida* (Hüb.) Schultze-Motel = *A. frigida*
Andreaea rothii var. *frigida* (Hüb.) Lindb. = *A. frigida*
Andreaea rothii var. *grimsulana* (Bruch) C. Müll. = *A. frigida*
Andreaea rothii var. *hamata* Lindb. = *A. rothii* ssp. *rothii*
Andreaea rupestris Hedw. ssp. *rupestris* = *A. rupestris* var. *rupestris*
Andreaea rupestris ssp. *sparsifolia* (Zett.) C. Jens. = *A. rupestris* var. *papillosa*

- Andreaea rupestris* var. *acuminata* (B. S. et G.) Sharp = *A. rupestris* var. *papillosa*
Andreaea rupestris var. *alpestris* (Thed.) Sharp = *A. alpestris*
Andreaea rupestris var. *alpina* (Hedw.) Roth = *A. alpina*
Andreaea sparsifolia Zett. = *A. rupestris* var. *papillosa*
Anictangium ciliatum Hedw. = *Hedwigia ciliata*
Anictangium ciliatum var. *concolor* De Not. = *Hedwigia integrifolia*
Anictangium flaccidum De Not. = *Schistidium flaccidum*
Anisothecium grevilleanum (B. S. et G.) Arn. = *Dicranella grevilleana*
Anisothecium palustre (Dicks.) Hag. = *Dicranella palustris*
Anisothecium rigidulum (Hedw.) C. Jens. = *Dicranella humilis*
Anisothecium rubrum Lindb. = *Dicranella varia*
Anisothecium rufescens (Smith.) Lindb. = *Dicranella rufescens*
Anisothecium schreberianum (Hedw.) Dix. = *Dicranella schreberiana*
Anisothecium squarrosum (Mitt.) Broth. = *Dicranella palustris*
Anisothecium vaginale (Dicks.) Loeske = *Dicranella crispa*
Anisothecium varium (Hedw.) Mitt. = *Dicranella varia*
Anodus donianus (Sm.) B. S. et G. = *Seligeria donniana*
Anoetangium aquaticum Hedw. = *Cinclidon aquaticus*
Anoetangium compactum Schwaegr. = *A. aestivum*
Anoetangium compactum var. *brevifolium* Jur. = *A. tenuinerve*
Anoetangium lapponicum (Hedw.) Schwaegr. = *Amphidium lapponicum*
Anoetangium mougeotii (B. S. et G.) Lindb. = *Amphidium mougeotii*
Anoetangium sciuroides Bals. et De Not. = *Brugia alopecura*
Anomobryum concinnatum (Spruce) Lindb. = *A. julaceum* var. *concinnatum*
Anomobryum filiforme (Dicks.) Solms = *A. julaceum* var. *julaceum*
Anomobryum juliforme Solms = *A. julaceum* var. *julaceum*
Anomobryum sericeum Husn. = *A. julaceum* var. *concinnatum*
Anomodon apiculatus Sull. = *A. rugelii*
Anomodon cladorrhizans (Hedw.) Führe. = *Entodon cladorrhizans*
Anomodon curtispindulus (Hedw.) Hook. et Tayl. = *Antitrichia curtispindula*
Anomodon fragilis Wils. = *Haplophymenium triste*
Anomodon nervosus Hüb. = *Pseudoleskeella nervosa*
Anomodon repens Hüb. = *Platygyrium repens*
Anomodon striatus Hüb. = *Lescurea mutabilis*
Anomodon tristis (Ces. ex De Not.) Kindb. = *Haplophymenium triste*
Anomodon ventricosus Rabenh. = *Grimmia anodon*
Antitrichia curtispindula var. *hispanica* B. S. et G. = *A. californica*
Antitrichia hispanica B. S. et G. = *A. californica*
Apiocarpa mielichhoferi Hüb. = *Mielichhoferia mielichhoferiana*
Archidium phascoides Brid. = *A. alternifolium*
Aschisma speciosum Moris et Lisa = *A. carniolicum*
Astomum crispum (Hedw.) Hampe = *Weissia longifolia*
Astomum levieri Limpr. = *Weissia levieri*
Atrichum attenuatum (Br. eur.) Vent. = *A. undulatum* var. *gracilisetum*
Atrichum haussknechtii Jur. et Milde = *A. undulatum* var. *gracilisetum*
Atrichum undulatum var. *attenuatum* B. S. et G. = *A. undulatum* var. *gracilisetum*
Barbula aciphylla Br. et Sch. = *Tortula norvegica*
Barbula acuta (Brid.) Brid. = *Didymodon acutus*
Barbula aestiva (Hedw.) Schultze = *Tortula muralis* var. *aestiva*
Barbula aloides (Schultze) Bruch = *Aloina aloides*
Barbula alpina Br. eur. = *Tortula sinensis*

- Barbula alpina* var. *inermis* (Milde) De Not. = *Tortula fragilis*
Barbula alpina var. *mutica* Mol. = *Tortula fragilis*
Barbula ambigua B. S. et G. = *Aloina ambigua*
Barbula anomala Schimp. = *Timmella anomala*
Barbula atrovirens Schimp. = *Tortula atrovirens*
Barbula brebissonii Brid. = *Cinclidotus macronatus*
Barbula caespitosa Schwaegr. = *Tortella humilis*
Barbula canescens Bruch = *Tortula canescens*
Barbula cavifolia Schimp. = *Pterygoneurum ovatum*
Barbula chionostoma Vent. = *Tortula marginata*
Barbula chloronothos Brid. = *Crossidium crassinerve*
Barbula cirrata Hedw. = *Dicranoweisia cirrata*
Barbula commutata Jur. = *B. convoluta* var. *commutata*
Barbula convoluta var. *sardoa* (B. S. et G.) Podp. = *B. convoluta* var. *commutata*
Barbula cordata (Jur.) Mönk. = *Didymodon cordatus*
Barbula cuneifolia Brid. = *Tortula cuneifolia*
Barbula cylindrica Tayl. = *Didymodon insularis*
Barbula cylindrica var. *sinuosa* (Mitt.) Lindb. = *Didymodon sinuosus*
Barbula drummondii (Mitt.) Milde = *Tortella fragilis*
Barbula fallax Hedw. = *Didymodon fallax*
Barbula fallax var. *adriatica* Baumg. = *Didymodon fallax* var. *adriatica*
Barbula fiorii Vent. = *Tortula revolvens* var. *obtusata*
Barbula flavipes B. S. et G. = *B. enderesii*
Barbula fragilis (Tayl.) C. Müll. = *Tortula fragilis*
Barbula fragilis Wils. = *Tortella fragilis*
Barbula gigantea Funck = *Geheebia gigantea*
Barbula gracilis Schwaegr. = *Didymodon acutus*
Barbula hornsckuchiana Schultz = *Pseudocrossidium hornsckuchianum*
Barbula icmadophila Schimp. = *Didymodon icmadophilus*
Barbula inclinata Schwaegr. = *Tortella inclinata*
Barbula inermis (Brid.) Garov. = *Tortula inermis*
Barbula insidiosa Jur. et Milde = *Didymodon spadiceus*
Barbula intermedia (Brid.) Milde = *Tortula intermedia*
Barbula laevipila Brid. = *Tortula laevipila*
Barbula lamellata Lindb. = *Pterygoneurum lamellatum*
Barbula latifolia Bruch = *Tortula latifolia*
Barbula lurida (Hornsch.) Lindb. = *Didymodon luridus*
Barbula marginata Schimp. = *Tortula marginata*
Barbula membranifolia Schultz = *Crossidium squamiferum*
Barbula montana Nees = *Tortula intermedia*
Barbula mucronifolia (Schwaegr.) Garov. = *Tortula mucronifolia*
Barbula muelleri (Bruch) Wils. = *Tortula princeps*
Barbula muralis Hedw. = *Tortula muralis*
Barbula muralis var. *aestiva* Brid. = *Tortula muralis* var. *aestiva*
Barbula nervosa Milde = *Tortula atrovirens*
Barbula nitida (Lindb.) Renauld = *Tortella nitida*
Barbula obtusifolia Schwaegr. = *Tortula obtusifolia*
Barbula pagorum Milde = *Tortula pagorum*
Barbula paludosa Schleid. = *B. crocea*
Barbula papillosa Wils. = *Tortula papillosa*
Barbula princeps De Not. = *Tortula princeps*

- Barbula pulvinata* Jur. = *Tortula virescens*
Barbula recurvifolia Mol. = *Didymodon ferrugineus*
Barbula reflexa Brid. = *Didymodon ferrugineus*
Barbula revoluta (Schröd.) Brid. = *Pseudocrossidium revolutum*
Barbula revolvens Schimp. = *Tortula revolvens*
Barbula rigida Hedw. = *Aloina rigida*
Barbula rigida var. *pilifera* B. S. et G. = *Aloina bifrons*
Barbula rigidula (Hedw.) Milde = *Didymodon rigidulus*
Barbula rufa Jur. = *Didymodon asperifolius*
Barbula ruraliformis (Besch.) Boul. = *Tortula ruraliformis*
Barbula ruralis (L.) Hedw. = *Tortula ruralis*
Barbula ruralis var. *hirsuta* Vent. = *Tortula ruralis* ssp. *hirsuta*
Barbula ruralis var. *rupestris* B. S. et G. = *Tortula intermedia*
Barbula sinuosa (Mitt.) Garov. = *Didymodon sinuosus*
Barbula spadicea (Mitt.) Braithw. = *Didymodon spadiceus*
Barbula squamigera Viv. = *Crossidium squamiferum*
Barbula squarrosa Brid. = *Pleurochaete squarrosa*
Barbula subulata (Hedw.) P. Beauv. = *Tortula subulata*
Barbula subulata var. *angustata* Schimp. = *Tortula subulata* var. *angustata*
Barbula subulata var. *integrifolia* Boul. = *Tortula subulata* var. *angustata*
Barbula tophacea (Brid.) Mitt. = *Didymodon tophaceus*
Barbula tortuosa (L.) Web. et Mohr = *Tortella tortuosa*
Barbula tortuosa var. *fragilifolia* Jur. = *Tortella tortuosa* var. *fragilifolia*
Barbula trifaria (Hedw.) Mitt. = *Didymodon luridus*
Barbula vahlana (K. F. Schultz) Mont. = *Tortula vahlana*
Barbula vinealis Brid. = *Didymodon vinealis*
Barbula vinealis ssp. *cylindrica* (Tayl.) Podp. = *Didymodon insulanus*
Barbula vinealis var. *flaccida* B. S. et G. = *Didymodon insulanus*
Barbula virescens De Not. = *Tortula virescens*
Bartramia breviseta Lindb. = *B. ithyphylla* var. *breviseta*
Bartramia crispa Sw. = *B. pomiformis* var. *elongata*
Bartramia fontana Brid. = *Philonotis fontana*
Bartramia fontana var. *marchica* (Hedw.) Hook. et Tayl. = *Philonotis marchica*
Bartramia halleri Gray = *B. halleriana*
Bartramia ithyphylla var. *rigidula* Schimp. = *B. ithyphylla* var. *strigosa*
Bartramia marchica Schw. = *Philonotis marchica*
Bartramia norvegica Lindb. = *B. halleriana*
Bartramia oederi Brid. = *Plagiopus oederiana* var. *oederiana*
Bartramia oederi var. *condensata* Brid. = *Plagiopus oederiana* var. *alpina*
Bartramia oederi var. *subnivalis* Mol. = *Plagiopus oederiana* var. *alpina*
Bartramia pomiformis var. *crispa* (Sw.) Br. eur. = *B. pomiformis* var. *elongata*
Bartramia rigida Bals. et De Not. = *Philonotis rigida*
Bartramia viridissima (Brid.) Kindb. = *B. subulata*
Blindia trichodes Lindb. = *B. acuta*
Brachyodes trichodes B. S. et G. = *Brachydontium trichodes*
Brachythecium alpinum (De Not.) Anzi = *B. glareosum* var. *alpinum*
Brachythecium amoenum Milde = *B. populeum* var. *amoenum*
Brachythecium aureum De Not. = *Homalothecium aureum*
Brachythecium cirrosum Schimp. = *Cirriphyllum cirrosum*
Brachythecium cylindricum (B. S. et G.) Torre et Sarnth. = *B. capillaceum*
Brachythecium durieui (Mont.) De Not. = *Rhynchostegiella durieui*

- Brachythecium funckii* Schimp. = *Eurhynchium crassinervium*
Brachythecium gelidum Bryhn = *B. glaciale*
Brachythecium glareosum var. *latifolium* Herzog = *B. glareosum* var. *glareosum*
Brachythecium illecebrum De Not. = *Scleropodium touretii* var. *touretii*
Brachythecium jucundum De Not. = *B. salebrosum* var. *salebrosum*
Brachythecium laetum (Dewey ex Brid.) B. S. et G. = *B. oxycladum*
Brachythecium ligusticum De Not. = *B. salebrosum* var. *salebrosum*
Brachythecium lutescens (Huds.) De Not. = *Homalothecium lutescens* var. *lutescens*
Brachythecium payotianum Boul. = *B. trachypodium* var. *payotianum*
Brachythecium plicatum (Schleich.) De Not. = *Ptychodium plicatum*
Brachythecium polyphyllum (Dicks.) Hornsch. = *Ptychomitrium polyphyllum*
Brachythecium rivulare ssp. *latifolium* (Kindb.) Kindb. = *B. latifolium*
Brachythecium rotaceanum De Not. = *B. capillaceum*
Brachythecium salebrosum var. *mildeanum* Vent. et Bott. = *B. mildeanum*
Brachythecium salebrosum var. *palustre* Schimp. = *B. mildeanum*
Brachythecium salicinum B. S. et G. = *B. olympicum*
Brachythecium sericeum Warnst. = *B. salebrosum* var. *salebrosum*
Brachythecium tauriscorum Mol. = *B. glareosum* var. *alpinum*
Brachythecium tromsöense Kaur. et Arn. = *B. starkei* var. *tromsöense*
Brachythecium velutinum var. *venustum* (De Not.) Arc. = *B. olympicum*
Brachythecium venturii Warnst. = *B. populeum* var. *amoenum*
Brachythecium venustum (De Not.) De Not. = *B. olympicum*
Brachythecium vineale Milde = *B. salebrosum* var. *vineale*
Brachythecium zickendrahtii Warnst. = *B. salebrosum* var. *salebrosum*
Braunia sciuroides (Bals. et De Not.) B. S. et G. = *B. alopecura*
Breidleria arcuata (L.) Loeske = *Hypnum lindbergii*
Breidleria pratensis (Koch) Loeske = *Hypnum pratense*
Brotherella nemorosa (Koch) Loeske = *Heterophyllum affine*
Bruchia trobasiana De Not. = *B. flexuosa*
Bryum abduanum Rota = *B. muehlenbeckii* var. *abduanum*
Bryum acuminatum Br. et Schimp. = *Pohlia elongata* var. *acuminata*
Bryum affine F. Schultz = *B. creberrimum*
Bryum alpinum ssp. *gemmiparum* (De Not.) Kindb. = *B. gemmiparum*
Bryum alpinum var. *gemmiparum* (De Not.) Kindb. = *B. gemmiparum*
Bryum alpinum var. *mediterraneum* De Not. = *B. gemmiparum*
Bryum androgynum Hedw. = *Aulacomnium androgynum*
Bryum angustirete Kindb. = *B. algovicum*
Bryum annotinum Hedw. = *Pohlia annotina*
Bryum apocarpum L. = *Schistidium apocarpum*
Bryum arenarium Jur. = *B. bicolor*
Bryum aschersonii Podp. = *B. bicolor*
Bryum atropurpureum B. S. et G. = *B. bicolor*
Bryum atropurpureum Wahlenb. = *Pohlia atropurpurea*
Bryum atrovirens Brid. = *B. blindii*
Bryum badium (Brid.) Schimp. = *B. caespiticium* var. *badium*
Bryum baenitzii C. Müll. = *B. pallens*
Bryum baldense Vent. = *B. pallens* var. *pallens*
Bryum barnesii Wood = *B. bicolor*
Bryum bicolor ssp. *podperae* (Hag.) Giac. = *B. bicolor*
Bryum billardieri B. et S. = *B. canariense* var. *provinciale*
Bryum bimoideum De Not. = *B. pseudotriquetrum* var. *bimoideum*

- Bryum binum* (Brid.) Turn. = *B. pseudotriquetrum* var. *binum*
Bryum bohemicum Podp. = *B. bicolor*
Bryum bomanssoni Lindb. = *B. blindii*
Bryum caespitiforme De Not. = *B. pallens*
Bryum caespiticium ssp. *kunzei* (Hornsch.) Giac. = *B. kunzei*
Bryum caespiticium var. *comense* (Schimp.) Husn. = *B. comense*
Bryum caespiticium var. *imbricatum* B. S. et G. = *B. kunzei*
Bryum caespitosum (Hoppe et Hornsch.) Brid. = *Pohlia nutans*
Bryum calabrica Wanst. et Tayl. = *B. cellulare*
Bryum calcareum Vent. = *B. pallens* var. *pallens*
Bryum canescens Brid. = *Tetraplodon mnioides*
Bryum capillare ssp. *torquescens* (B. et S.) Kindb. = *B. torquescens*
Bryum capillare var. *caenomanicum* Podp. = *B. pallens*
Bryum capillare var. *cuspidatum* Schimp. = *B. creberrimum*
Bryum capillare var. *elegans* (Nees ex Brid.) Lindb. = *B. elegans*
Bryum capillare var. *ferchellii* (Funck) Brid. = *B. elegans*
Bryum capillare var. *flaccidum* B. S. et G. = *B. subelegans*
Bryum capillare var. *macrocarpum* Schimp. = *B. creberrimum*
Bryum capillare var. *meridionale* Schimp. = *B. capillare* var. *capillare*
Bryum capillare var. *rufifolium* (Dix.) Podp. = *B. capillare* var. *capillare*
Bryum capillare var. *torquescens* (B. et S.) Husn. = *B. torquescens*
Bryum carneum L. = *Pohlia melanodon*
Bryum carneum var. *atropurpureum* Wahlenb. = *Pohlia atropurpurea*
Bryum cernuum (Hedw.) B. S. et G. = *B. uliginosum*
Bryum ciliare Dicks. = *Encalypta ciliata*
Bryum cirrhaum Hoppe et Hornsch. = *B. pallens*
Bryum combae De Not. = *B. muehlenbeckii* var. *muehlenbeckii*
Bryum concinatum Spruce = *Anomobryum julaceum* var. *concinatum*
Bryum crispulum (Hampe) Hagen = *B. pseudotriquetrum* var. *pseudotriquetrum*
Bryum crudum Huds. = *Pohlia cruda*
Bryum cucullatum Schwægr. = *Pohlia obtusifolia*
Bryum cuspidatum (B. S. et G.) Schimp. = *B. creberrimum*
Bryum cuspidatum Schreb. = *Plagiomnium cuspidatum*
Bryum demissum Hook. = *Plagiobryum demissum*
Bryum donii Grev. = *B. donianum*
Bryum dubium Podp. = *B. bicolor*
Bryum duriae Schimp. ex Besch. = *B. radiculosum*
Bryum duvalii Voit = *B. weigeli*
Bryum duvalioides Izigs. = *B. pseudotriquetrum* var. *duvalioides*
Bryum elongatum Dicks. = *Pohlia elongata* var. *elongata*
Bryum elongatum var. *alpinum* Br. et Schp. = *Pohlia longicollis*
Bryum elongatum var. *grimsulana* Schimp. = *Pohlia longicollis*
Bryum erythrocarpum Schwægr. = *B. blindii*
Bryum extincitorium L. = *Encalypta vulgaris*
Bryum fallax Milde = *B. pallens* var. *alpinum*
Bryum fallax var. *baldense* (Vent.) Limpr. = *B. pallens* var. *pallens*
Bryum filiforme Dicks. = *Anomobryum julaceum* var. *julaceum*
Bryum flaccidum Brid. = *B. subelegans*
Bryum flexuosum (Hedw.) L. ex With. = *Campylopus flexuosus*
Bryum geniculatum Brid. = *Pohlia geniculata*
Bryum glaucum L. = *Leucobryum glaucum*

- Bryum herzogii* Podp. = *B. bicolor*
Bryum heteromallum (Hedw.) L. = *Dicranella heteromalla*
Bryum hornum Schreb. = *Mnium hornum*
Bryum hybridum Bruch = *B. creberrimum*
Bryum hygrometricum Scop. = *Funaria hygrometrica* var. *hygrometrica*
Bryum hypnoides L. = *Racomitrium lanuginosum*
Bryum imberbe Huds. ex With. = *Didymodon fallax*
Bryum inclinatum (Brid.) Bland. = *B. imbricatum*
Bryum insulare De Not. = *B. donianum*
Bryum intermedium ssp. *carnolicum* (Glow.) Podp. = *B. intermedium*
Bryum intermedium var. *cirrhatum* B. S. et G. = *B. pallescens*
Bryum julaceum Brid. = *Anomobryum julaceum* var. *julaceum*
Bryum laevifolium Syed. = *B. subelegans*
Bryum lanatum (P. Beauv.) Brid. = *B. argenteum*
Bryum latifolium (Schwaegr.) Brid. = *B. schleicheri* var. *latifolium*
Bryum ligulatum Schreb. = *Plagiomnium undulatum*
Bryum limprichtii Kaur. = *B. imbricatum*
Bryum longicollum Br. et Sch. = *Pohlia longicollis*
Bryum ludwigii Schwaegr. = *Pohlia ludwigii*
Bryum marginatum B. et S. = *B. blindii*
Bryum marginatum Dicks. = *Mnium marginatum* var. *marginatum*
Bryum microlacustre Amann = *B. pallescens*
Bryum microstegium Br. eur. = *B. intermedium*
Bryum minii Podp. = *B. blindii*
Bryum monianum Lam. = *Distichium capillaceum*
Bryum murale Wils. ex Hunt = *B. radiculosum*
Bryum muralis L. = *Tortula muralis*
Bryum murorum (Schimp.) Berk. = *B. radiculosum*
Bryum muticum Lang. = *B. gemmiparum*
Bryum neodamense var. *ovatum* Lindb. et Arn. = *B. subneodamense*
Bryum nutans Schreb. = *Pohlia nutans*
Bryum obconicum Hornsch. ex B. S. et G. = *B. pallescens*
Bryum ovatum Jur. = *B. subneodamense*
Bryum pachyloma Card. = *B. donianum*
Bryum paludosum L. = *Seligeria pusilla*
Bryum palustre (Hedw.) Turn. = *Aulacomnium palustre* var. *palustre*
Bryum palustre Swartz = *Dicranella palustris*
Bryum pellucidum L. = *Dichodontium pellucidum*
Bryum pendulum (Hornsch.) Schimp. = *B. algovicum*
Bryum pfefferi De Not. = *B. elegans*
Bryum platyloma Schwaegr. = *B. capillare* var. *platyloma*
Bryum polymorphum Br. eur. = *Pohlia elongata* var. *polymorpha*
Bryum polymorphum var. *brachycarpum* (Hoppe et Hornsch.) B. S. et G. = *Pohlia elongata* var. *elongata*
Bryum polymorphum var. *curvisetum* (Hoppe et Hornsch.) B. S. et G. = *Pohlia elongata* var. *elongata*
Bryum pomiforme (Hedw.) L. ex With. = *Bartramia pomiformis* var. *pomiformis*
Bryum provinciale Philib. = *B. canariense* var. *provinciale*
Bryum pseudo-fuckii Anzi = *B. elegans*
Bryum pseudokunzei Limpr. = *B. kunzei*

- Bryum pseudotriquetrum* ssp. *bimum* (Brid.) Hartm. = *B. pseudotriquetrum* var. *bimum*
Bryum pulchellum Hedw. = *Pohlia lescuriana*
Bryum pulvinatum L. = *Grimmia pulvinata*
Bryum punctatum Schreb. = *Rhizomnium punctatum*
Bryum pyriforme Sw. = *Leptobryum pyriforme*
Bryum pyriforme L. = *Physcomitrium pyriforme*
Bryum reinhardii Podp. = *B. alpinum*
Bryum restitutum De Not. = *B. elegans*
Bryum reyeri Breidl. = *B. alpinum*
Bryum roseum Schreb. = *Rhodobryum roseum*
Bryum rufifolium (Dix.) Dem. et Wilcz. = *B. capillare* var. *capillare*
Bryum rurale L. = *Tortula ruralis*
Bryum sanguineum Brid. = *B. blindii*
Bryum scoparium (Hedw.) L. = *Dicranum scoparium*
Bryum siculum Roth = *B. cellulare*
Bryum simplex L. = *Dicranella varia*
Bryum speciosum Voigt = *B. pallens* var. *pallens*
Bryum sphagnicola B. S. et G. = *Pohlia sphagnicola*
Bryum splachnoides (Harv.) C. Müll. = *B. cellulare*
Bryum stellare (Hedw.) Sm. = *Mnium stellare*
Bryum striatum L. = *Oriopteridium striatum*
Bryum subbicolor Bryhn = *B. bicolor*
Bryum subrotundum Brid. = *B. pallescens*
Bryum subulatum (Hedw.) L. = *Tortula subulata*
Bryum sydownii Podp. = *B. capillare* var. *capillare*
Bryum tectorum De Not. = *B. kunzei*
Bryum tomentosum Brid. = *B. torquescens*
Bryum tortuosum (Hedw.) L. = *Tortella tortuosa*
Bryum tozeri Grev. = *Epipterygium tozeri*
Bryum triste De Not. = *B. capillare* var. *capillare*
Bryum truncatum L. ex With. = *Pottia truncata*
Bryum turbinatum var. *latifolium* B. S. et G. = *B. schleicheri* var. *latifolium*
Bryum turbinatum var. *schleicheri* (Schwagr.) Fühnr. = *B. schleicheri* var. *schleicheri*
Bryum undulatum (Hedw.) L. ex With. = *Arichum undulatum*
Bryum unguiculatum (Hedw.) L. ex With. = *Barbula unguiculata*
Bryum ventricosum Lindb. = *B. pseudotriquetrum* var. *pseudotriquetrum*
Bryum ventricosum ssp. *bimoides* (De Not.) Kindb. = *B. pseudotriquetrum* var. *bimoides*
Bryum venturii De Not. = *Brachythecium glaciale*
Bryum versisporum Bomanss. = *B. pallens* var. *pallens*
Bryum viridulum L. = *Weissia controversa*
Bryum wahlenbergii Schwagr. = *Pohlia wahlenbergii* var. *wahlenbergii*
Bryum wahlenbergii var. *glaciale* (Brid.) Hüb. = *Pohlia wahlenbergii* var. *glacialis*
Bryum zierii Dicks. = *Plagiobryum zieri*
Buxbaumia foliosa L. ex Hedw. = *Diphyscium foliosum*
Buxbaumia indusiata Brid. = *B. viridis*
Calliergon cuspidatum (Hedw.) Kindb. = *Calliergonella cuspidata*
Calymperes sommieri Bott. = *C. erosum*
Camptothecium aureum (Lag.) B. S. et G. = *Homalothecium aureum*

- Camptothecium lutescens* (Hedw.) B. S. et G. = *Homalothecium lutescens* var. *lutescens*
Camptothecium lutescens var. *fallax* (Philib. ex Schimp.) Düll = *Homalothecium lutescens* var. *fallax*
Camptothecium nitens (Hedw.) Schimp. = *Tomentypnum nitens*
Camptothecium philippeanum (Spruce) Kindb. = *Homalothecium philippeanum*
Camptothecium sericeum (Hedw.) Kindb. = *Homalothecium sericeum* var. *sericeum*
Campylium hispidulum Brid. = *C. calcareum*
Campylium hispidulum var. *sommerfeltii* (Myr.) Lindb. = *C. calcareum*
Campylium protensum (Brid.) Kindb. = *C. stellatum* var. *protensum*
Campylium radicale (P. Beauv.) Grout = *Amblystegium saxatile*
Campylophyllum halleri (Hedw.) Fleisch. = *Campylium halleri*
Campylopus adustus De Not. = *C. atrovirens*
Campylopus atrovirens ssp. *adustus* (De Not.) Kindb. = *C. atrovirens*
Campylopus brevifolius Schimp. = *C. subulatus*
Campylopus compactus Schimp. = *C. schimperi*
Campylopus fragilis var. *pyriformis* (K. F. Schultz) Ångstr. = *C. pyriformis*
Campylopus introflexus var. *polytrichoides* (De Not.) Giac. = *C. pilifer*
Campylopus longipilus Brid. = *C. atrovirens*
Campylopus mildei Limpr. = *C. oerstedianus*
Campylopus polytrichoides De Not. = *C. pilifer*
Campylopus polytrichoides var. *daldinianus* De Not. = *C. pilifer*
Campylopus polytrichoides var. *vaporarius* De Not. = *C. pilifer*
Campylopus pulvinatus (Hedw.) Brid. = *Grimmia pulvinata*
Campylopus turfaceus Br. eur. = *C. pyriformis*
Catharinea angustata (Brid.) Brid. = *Atrichum angustatum*
Catharinea haussknechtii (Jur. et Milde) Broth. = *Atrichum undulatum* var. *gracilisetum*
Catharinea hercynica (Hedw.) Web. et Mohr = *Oligotrichum hercynicum*
Catharinea tenella Röll = *Atrichum tenellum*
Catharinea undulata (L.) Web. et Mohr = *Atrichum undulatum*
Ceratodon chloropus (Brid.) Brid. = *Cheilothea chloropus*
Ceratodon corsicus B. S. et G. = *C. conicus*
Ceratodon cylindricus (Hedw.) Fühnr. = *Ditrichum cylindricum*
Ceratodon inclinatus (Hedw.) Hüb. = *Distichium inclinatum*
Ceratodon purpureus var. *conicus* (Hampe) Husn. = *C. conicus*
Ceratodon purpureus var. *corsicus* (Schimp.) Mönk. = *C. conicus*
Ceratodon purpureus var. *dimorphus* (Philib.) Mönk. ex Geh. = *C. purpureus* var. *rotundifolius*
Ceratodon purpureus var. *flavisetus* Limpr. = *C. purpureus* var. *xanthopus*
Ceratodon purpureus var. *obtusifolius* Limpr. = *C. purpureus* var. *rotundifolius*
Ceratodon stenocarpus var. *corsicus* (Schimp.) Podp. = *C. conicus*
Chamberlainia albicans (Hedw.) Robins. = *Brachythecium albicans*
Chionobryum venturii (De Not.) Glow. = *Brachythecium glaciale*
Chrysohypnum chrysophyllum (Brid.) Loeske = *Campylium chrysophyllum*
Chrysohypnum sommerfeltii Myr. = *Campylium calcareum*
Chrysohypnum stellatum (Hedw.) Loeske = *Campylium stellatum* var. *stellatum*
Cinclidium hymenophyllum (Br. eur.) Lindb. = *Cyrtomnium hymenophyllum*
Cinclidotus brebissonii (Brid.) Husn. = *C. mucronatus*
Cinclidotus falcatus Kindb. = *C. aquaticus*
Cinclidotus minor L. = *C. fontinaloides*

- Cinclidotus nigricans* (Brid.) Wijk et Marg. = *C. riparius*
Cirriphyllum cirrosum var. *breidleri* (Limpr.) Glow. = *C. cirrosum*
Cirriphyllum cirrosum var. *molendoi* (Schimp.) Marg. = *C. cirrosum*
Cirriphyllum crassinervium (Tayl.) Loeske et Fleisch. = *Eurhynchium crassinervium*
Cirriphyllum filiforme (Lam.) Broth. = *Eurhynchium flotowianum*
Cirriphyllum germanicum (Grebe) Loeske et Fleisch. = *Rhynchostegiella tenuicaulis*
Cirriphyllum ornellanum (Mol.) Loeske = *Scleropodium ornellanum*
Cirriphyllum reichenbachianum (Hüb.) Wijk et Marg. = *Eurhynchium flotowianum*
Cirriphyllum tenuinerve (Lindb.) Wijk et Marg. = *C. tommasinii*
Cirriphyllum vaucheri (Schimp.) Fleisch. et Loeske = *C. tommasinii*
Cirriphyllum vaucheri var. *fagineum* H. Müll. = *Rhynchostegiella tenuicaulis*
Cirriphyllum velutinoides (B. S. et G.) Loeske et Fleisch. = *Eurhynchium*
flotowianum
Conomitrium julianum Mont. = *Octodiceras fontanum*
Conostomum boreale Swartz = *C. tetragonum*
Coscinodon humilis Milde = *C. cribrerosus*
Coscinodon lanceolatus (Hedw.) Brid. = *Pottia lanceolata*
Coscinodon latifolius De Not. = *Stegonia latifolia*
Coscinodon pulvinatus Spreng. = *C. cribrerosus*
Coscinodon purpureus De Not. = *Ceratodon purpureus*
Coscinodon verticillatus Brid. = *Eucladium verticillatum*
Cratoneuron commutatum (Hedw.) Roth = *Palustriella commutata* var. *commutata*
Cratoneuron commutatum ssp. *falcatum* (Brid.) Giac. = *Palustriella commutata* var.
falcata
Cratoneuron commutatum ssp. *sulcatum* (Lindb.) Giac. = *Palustriella commutata* var.
sulcata
Cratoneuron commutatum var. *virescens* (Schimp.) Richs. et Wall. = *Palustriella*
commutata var. *fluctuans*
Cratoneuron falcatum Brid. = *Palustriella commutata* var. *falcata*
Cratoneuron filicinum ssp. *curvicaule* (Jur.) Broth. = *C. curvicaule*
Cratoneuron filicinum ssp. *fallax* (Brid.) Giac. = *C. filicinum* var. *filicinum*
Cratoneuron filicinum var. *fallax* (Brid.) Roth = *C. filicinum* var. *filicinum*
Cratoneuron fluctuans Mol. = *Palustriella commutata* var. *fluctuans*
Cratoneuron glaucum Broth. = *Palustriella commutata* var. *commutata*
Cratoneuron glaucum var. *irrigatum* (Zett.) Broth. = *Palustriella commutata* var.
fluctuans
Cratoneuron irrigatum (Zett.) Roth = *Palustriella commutata* var. *fluctuans*
Cratoneuron sulcatum (Lindb.) Roth = *Palustriella commutata* var. *sulcata*
Crossidium chloronothos (Bruch) Jur. = *C. crassinerve*
Cryphaea arborea (Huds.) Lindb. = *C. heteromalla*
Cryphaea lamyi C. Müll. ex Henriq. = *C. lamyana*
Ctenidium distinguendum Glow. = *C. molluscum* var. *molluscum*
Ctenidium subplumiferum Kindb. = *C. molluscum* var. *robustum*
Cylindrothecium cladorrhizans (Hedw.) B. S. et G. = *Entodon cladorrhizans*
Cylindrothecium concinnum (De Not.) Schimp. = *Entodon concinnum*
Cylindrothecium montagnei B. S. et G. = *Entodon concinnum*
Cylindrothecium orthocarpum (Brid.) Dalla Torre et Sarnth. = *Entodon concinnum*
Cylindrothecium repens De Not. = *Platygyrium repens*
Cylindrothecium schleicheri Br. eur. = *Entodon schleicheri*
Cynodontium alpestre Lindb. = *Cnestrum alpestre*
Cynodontium capillaceum (Hedw.) Brid. = *Distichium capillaceum*

- Cynodontium meridionale* Herz. = *C. bruntonii*
Cynodontium polycarpon var. *strumiferum* (Hedw.) Schimp. = *C. strumiferum*
Cynodontium sardoum Herz. = *Oncophorus wahlenbergii*
Cynodontium schisti Wahlenb. = *Cnestrum schisti*
Cynodontium torquescens (Bruch) Limpr. = *C. tenellum*
Cynodontium virens Schimp. = *Oncophorus virens*
Cynodontium virens var. *wahlenbergii* (Brid.) Hartm. = *Oncophorus wahlenbergii*
Daltonia heteromalla Hook. et Tayl. = *Cryphaea heteromalla*
Desmatodon affinis (Hook. et Tayl.) F. Mazz. = *Pottia davalliana* var. *brachyoda*
Desmatodon atrovirens (Smith.) Jur. = *Tortula atrovirens*
Desmatodon caespitosus Hüb. = *Pottia caespitosa*
Desmatodon canescens (Mont.) Jur. = *Tortula canescens*
Desmatodon convolutus (Brid.) Grout = *Tortula atrovirens*
Desmatodon funckii Sendtn. et Hassk. = *Stegonia latifolia* var. *pilifera*
Desmatodon glacialis Funck = *D. latifolius* var. *muticus*
Desmatodon gracilis Anzi = *D. latifolius*
Desmatodon inermis (Brid.) Mitt. = *Tortula inermis*
Desmatodon lanceolatus Bruch = *Pottia lanceolata*
Desmatodon latifolius (Schwaegr.) Vent. = *Stegonia latifolia*
Desmatodon latifolius var. *glacialis* (Brid.) Ångstr. = *D. latifolius* var. *muticus*
Desmatodon mucronifolius (Schwaegr.) Mitt. = *Tortula mucronifolia*
Desmatodon nervosus Hook. et Tayl. = *Tortula atrovirens*
Desmatodon obliquus B. S. et G. = *D. leucostoma*
Desmatodon obtusifolius (Schwaegr.) Schimp. = *Tortula obtusifolia*
Desmatodon starkei De Not. = *Pottia starkeana*
Desmatodon suberectus (Drumm.) Limpr. = *D. leucostoma*
Dialytrichia brebissonii (Brid.) Limpr. = *Cinclidonus mucronatus*
Dialytrichia mucronata (Brid.) Limpr. = *Cinclidonus mucronatus*
Dichodontium pellucidum var. *serratum* (B. S. et G.) Schimp. = *D. flavescens*
Dicranella curvata (Hedw.) Schimp. = *D. subulata* var. *curvata*
Dicranella decipiens Milde. = *Pleuridium subulatum*
Dicranella rubra (Huds.) Lindb. = *D. varia*
Dicranella schreberi (Hedw.) Schimp. = *D. schreberiana*
Dicranella secunda Lindb. = *D. subulata* var. *curvata*
Dicranella simplex (P. Beauv.) Brockm. = *D. varia*
Dicranella squarrosa Schimp. = *D. palustris*
Dicranella varia var. *tenella* Br. eur. = *D. humilis*
Dicranella varia var. *tenuifolia* (B. S. et G.) Schimp. = *D. howei*
Dicranodontium aristatum Schimp. = *D. asperulum*
Dicranodontium longirostre (Stärke) Schimp. = *D. denudatum*
Dicranodontium longirostre var. *alpinum* (Schimp.) Milde = *D. denudatum* var. *alpinum*
Dicranoweisia bruntonii (Smith.) Schimp. = *Cynodontium bruntonii*
Dicranoweisia crispula var. *compacta* (Schwaegr.) Kindb. = *D. compacta*
Dicranum adiantoides Hedw. = *Fissidens adiantoides*
Dicranum affine Funck = *D. undulatum*
Dicranum albicans B. S. et G. = *Paraleucobryum enerve*
Dicranum bambergeri Schimp. = *D. muehlenbeckii* var. *neglectum*
Dicranum bergeri Bland. = *D. undulatum*
Dicranum blytii Schimp. = *Kiaeria blytii*
Dicranum bonjeanii var. *polycladon* B. S. et G. = *D. leioneuron*

- Dicranum brevifolium* Lindb. = *D. muehlenbeckii* var. *cirratum*
Dicranum bryoides Swartz = *Fissidens bryoides*
Dicranum cerviculatum Hedw. = *Dicranella cerviculata*
Dicranum crispum Hedw. = *Dicranella crispa*
Dicranum curvatum Hedw. = *Dicranella subulata* var. *curvata*
Dicranum enerve Thed. = *Paraleucobryum enerve*
Dicranum falcatum Hedw. = *Kiaeria falcata*
Dicranum flexuosum Hedw. = *Campylopus flexuosus*
Dicranum fulvellum (Dicks.) Sm. = *Arctoa fulvella*
Dicranum fuscescens ssp. *congestum* (Brid.) Kindb. = *D. congestum*
Dicranum glaucum Swartz = *Leucobryum glaucum*
Dicranum gracilescens (Web. et Mohr) Schimp. = *Cynodontium gracilescens*
Dicranum grevilleanum Br. et Sch. = *Dicranella grevilleana*
Dicranum heteromallum Hedw. = *Dicranella heteromalla*
Dicranum hostianum Schwaeagr. = *D. montanum*
Dicranum intermedium Hedw. = *Ceratodon purpureus*
Dicranum interruptum Brid. = *D. montanum*
Dicranum interruptum Hedw. = *Dicranella heteromalla*
Dicranum juniperifolium Sendtn. = *D. bonjeanii*
Dicranum latifolium var. *piliferum* Hook. et Tayl. = *Desmatodon latifolius*
Dicranum longifolium Hedw. = *Paraleucobryum longifolium*
Dicranum longifolium var. *subalpinum* (Milde) Demaret = *Paraleucobryum longifolium* var. *subalpinum*
Dicranum longirostre Schwaeagr. = *D. fuscescens*
Dicranum mixtum De Not. = *Cynodontium gracilescens*
Dicranum neglectum Jur. = *D. muehlenbeckii* var. *neglectum*
Dicranum ovale Hedw. = *Grimmia ovalis*
Dicranum ovanum Brid. = *Grimmia ovalis*
Dicranum palustre Br. eur. = *D. bonjeanii*
Dicranum palustre La Pyl. = *Campylopus flexuosus*
Dicranum pellucidum Sw. = *Dichodontium pellucidum*
Dicranum polycarpon Hedw. = *Cynodontium polycarpon*
Dicranum pulvinatum Smith. = *Grimmia pulvinata*
Dicranum purpureum Hedw. = *Ceratodon purpureus*
Dicranum pusillum L. = *Dicranella cerviculata*
Dicranum rufescens Turn. = *Dicranella rufescens*
Dicranum rugosum Brid. = *D. polysetum*
Dicranum sauteri Schimp. = *Paraleucobryum sauteri*
Dicranum schraderi Web. et Mohr = *D. undulatum*
Dicranum schreberi Swartz = *Dicranella schreberiana*
Dicranum sciurodes Hedw. = *Leucodon sciuroides*
Dicranum scoparium var. *majus* Turn. = *D. majus*
Dicranum sphagni Wahlenb. = *D. elongatum*
Dicranum squarrosum Stark. = *Dicranella palustris*
Dicranum starkei Web. et Mohr = *Kiaeria starkei*
Dicranum strictum Schleich. = *D. tauricum*
Dicranum strumiferum Ehrh. = *Cynodontium strumiferum*
Dicranum subulatum Hedw. = *Dicranella subulata*
Dicranum taxifolium Swartz = *Fissidens taxifolius*
Dicranum undulatum Ehrh. ex Web. et Mohr = *D. polysetum*
Dicranum undulatum Turn. = *D. bonjeanii*

- Dicranum varium* Hedw. = *Dicranella varia*
Dicranum virens Hedw. = *Oncophorus virens*
Dicranum virens var. *compactum* B. S. et G. = *Oncophorus wahlenbergii*
Dicranum virens var. *wahlenbergii* (Brid.) Hüb. = *Oncophorus wahlenbergii*
Dicranum viridissimum Rota = *Campylopus oerstedianus*
Dicranum viridulum Swartz = *Fissidens viridulus*
Dicranum viridulum var. *exilis* (Hedw.) Röhl. = *Fissidens exilis*
Dicranum viridulum var. *osmundoides* (Hedw.) Dub. = *Fissidens osmundoides*
Didymodon alpinus Vent. = *Bryoerythrophyllum alpinum*
Didymodon anomodon Bals. et De Not. = *Bryoerythrophyllum recurvirostrum*
Didymodon apiculatus Arn. = *Desmatodon latifolius*
Didymodon aureus De Not. = *Ditrichum subulatum*
Didymodon barbula (Brid.) Mönk. = *Timmia barbula*
Didymodon capillaceus (Hedw.) Web. et Mohr = *Distichium capillaceum*
Didymodon cylindricus (Bruch) Br. eur. = *Oxystegus tenuirostris*
Didymodon flavipes De Not. = *Barbula enderesii*
Didymodon flexicaulis (Schwaegr.) Röhl. = *Ditrichum flexicaule*
Didymodon giganteus Jur. = *Geheebia gigantea*
Didymodon glaucescens Web. et Mohr = *Saelania glaucescens*
Didymodon homomallus Hedw. = *Ditrichum heteromallum*
Didymodon ictericus De Not. = *Cheilothela chloropus*
Didymodon inclinatus (Hedw.) Web. et Mohr = *Distichium inclinatum*
Didymodon indicus (Hook.) Zander = *Barbula indica*
Didymodon lanceolatus (Hedw.) Bals. et De Not. = *Pottia lanceolata*
Didymodon ligulifolius Roth = *D. tophaceus*
Didymodon longirostris Brid. = *Dicranodontium denudatum*
Didymodon nervosus Hook. et Tayl. = *Tortula atrovirens*
Didymodon nitidum Lindb. = *Tortella nitida*
Didymodon obscurus Kaulf. = *Cynodontium bruntonii*
Didymodon pallidus (Hedw.) P. Beauv. = *Ditrichum pallidum*
Didymodon pilifer Wahlenb. = *Desmatodon cernuus*
Didymodon piliferum De Not. = *Desmatodon latifolius*
Didymodon pulchellus De Not. = *Pottia caespitosa*
Didymodon purpureum Hook. et Tayl. = *Ceratodon purpureus*
Didymodon pusillus Hedw. = *Ditrichum pusillus*
Didymodon rubellus (Hoffm.) B. S. et G. = *Bryoerythrophyllum recurvirostrum*
Didymodon rubellus var. *cavernarum* Mol. = *Bryoerythrophyllum rubrum*
Didymodon rubellus var. *dentatus* Schimp. = *Bryoerythrophyllum alpinum*
Didymodon ruber Jur. = *Bryoerythrophyllum rubrum*
Didymodon rufus Lorentz = *D. asperifolius*
Didymodon spathulatus De Not. = *Desmatodon latifolius* var. *muticus*
Didymodon systilius (Schimp.) Kindb. = *Desmatodon systilius*
Didymodon torilis (Schrad.) P. Beauv. = *Ditrichum pusillus*
Didymodon tricolor Bals. et De Not. = *Tortella flavovirens*
Didymodon trifarius (Hedw.) Röhl. = *D. luridus*
Didymodon trifarius var. *tophaceum* (Brid.) Mont. = *D. tophaceus*
Didymodon validus Limpr. = *D. rigidulus* var. *validus*
Diphyscium sessile (Schmid.) Lindb. = *D. foliosum*
Dissodon froehlichianus (Hedw.) Grev. et Arn. = *Tayloria froehlichiana*
Dissodon hornschi Grev. et Arn. = *Tayloria hornschi*
Dissodon splachnoides (Thunb.) Grev. et Arn. = *Tayloria lingulata*

- Distichium montanum* L. Hag. = *D. capillaceum*
Ditrichum brevifolium (Kindb.) Par. = *D. flexicaule*
Ditrichum flexicaule var. *longifolium* (Zett.) Hag. = *D. crispissimum*
Ditrichum giganteum Williams = *D. crispissimum*
Ditrichum glaucescens (H.) Hampe = *Saelania glaucescens*
Ditrichum homomallum (Hedw.) Hampe = *D. heteromallum*
Ditrichum homomallum var. *zonatum* (Brid.) Kindb. = *D. zonatum*
Ditrichum tortile (Schrader) Brockm. = *D. pusillum*
Ditrichum vaginans (Sull.) Hampe = *Ditrichum lineare*
Dolichotheca repens Pollich. = *Herzogiella seligeri*
Dolichotheca seligeri (Brid.) Loeske = *Herzogiella seligeri*
Dolichotheca striatella (Brid.) Loeske = *Herzogiella striatella*
Drepanocladus fluitans var. *amphibius* (San.) Broth. = *Warnstorffia fluitans*
Drepanocladus intermedius (Lindb.) Warnst. = *D. cossonii*
Drepanocladus kneiffii (B. S. et G.) Warnst. = *D. aduncus* var. *kneiffii*
Drepanocladus pseudofluitans (San.) Warnst. = *D. aduncus* var. *aduncus*
Drepanocladus purpurascens (Schimp.) Loeske = *Warnstorffia exannulata*
Drepanocladus rotae (De Not.) Warnst. = *Warnstorffia exannulata*
Drepanocladus simplicissimus Warnst. = *D. aduncus* var. *kneiffii*
Drepanocladus uncinatus (Hedw.) Warnst. = *Sanionia uncinata*
Drepanocladus vernicosus (Mitt.) Warnst. = *Hamatocaulis vernicosus*
Drepanocladus wilsonii (Lindb.) Loeske = *D. sendtneri*
Dryptodon atratus Amann = *Grimmia atrata*
Dryptodon funalis (Schwaegr.) Brid. = *Grimmia funalis*
Dryptodon hartmanii Limpr. = *Grimmia hartmanii*
Dryptodon ovatus Brid. = *Grimmia ovalis*
Dryptodon pulvinatus (Hedw.) Brid. = *Grimmia pulvinata*
Dubyella italica Schimp. = *Helicodontium italicum*
Encalypta apophysata Nees et Hornsch. = *E. affinis*
Encalypta ciliata var. *microstoma* (Bals. et De Not.) Husn. = *E. microstoma*
Encalypta ciliata var. *microstoma* Schimp. = *E. ciliata*
Encalypta commutata Nees et Hornsch. = *E. alpina*
Encalypta contorta Hoppe ex Lindb. = *E. streptocarpa*
Encalypta extensoria Sw. = *E. vulgaris*
Encalypta fimbriata Lam. et Cand. = *E. ciliata*
Encalypta lacera De Not. = *E. alpina*
Encalypta laciniata Lindb. = *E. ciliata*
Encalypta lanceolata Hedw. = *Pottia lanceolata*
Encalypta pilifera Funck = *E. rhyptocarpa*
Encalypta rhyptocarpa var. *leptodon* (Bruch) Lindb. = *E. rhyptocarpa* var. *trachymitria*
Encalypta rhyptocarpa var. *spathulata* (C. Müll.) Husn. = *E. spathulata*
Entodon orthocarpus (De Not.) Par. = *E. concinnus*
Entodon schreberi (Willd.) Mönk. = *Pleurozium schreberi*
Entosthodon curvisetus (Schwaegr.) C. Müll. = *Funariella curviseta*
Entosthodon ericetorum (De Not.) C. Müll. = *E. obtusus*
Entosthodon notarisii (Schimp.) Picone = *E. obtusus*
Entosthodon templetonii (Sm.) Schwaegr. = *E. attenuatus*
Ephemerella recurvifolia (Dicks.) Schimp. = *Ephemerum recurvifolium*
Ephemerum crassinervium Hampe = *E. sessile*
Ephemerum serratum var. *angustifolium* B. S. et G. = *E. serratum* var. *minutissimum*
Ephemerum stenophyllum Schimp. = *E. sessile*

- Eremodon splachnoides* Brid. = *Tayloria lingulata*
Erythrophyllum rubellum (Hedw.) Loeske = *Bryoerythrophyllum recurvirostrum*
Eucladium angustifolium Glow. = *E. verticillatum*
Eucladium styriacum Glow. = *E. verticillatum*
Eucladium verbanum Nich. et Dixon = *Didymodon glaucus*
Eurhynchium abbreviatum (Turn.) Brockm. = *E. schleicheri*
Eurhynchium androgynum (B. S. et G.) Schimp. = *E. speciosum*
Eurhynchium circinatum (Brid.) Fleisch. et Loeske = *Scorpiurium circinatum*
Eurhynchium circinatum var. *deflexifolium* (Solms) Boulay = *Scorpiurium deflexifolium*
Eurhynchium circinatum var. *leskeoides* (Suse) Mönk. = *Scorpiurium sendtneri*
Eurhynchium circinatum var. *myosuroides* Bott. = *Scorpiurium deflexifolium*
Eurhynchium circinatum var. *rivulare* (De Not.) Bott. = *Scorpiurium deflexifolium*
Eurhynchium circinatum var. *ruderales* (Briz.) Podp. = *Scorpiurium deflexifolium*
Eurhynchium circinatum var. *sendtneri* Schimp. = *Scorpiurium sendtneri*
Eurhynchium cirrosum (Schwaegr.) Mol. = *Cirriphyllum cirrosum*
Eurhynchium cirrosum var. *funckii* (Schimp.) Herz. = *E. crassinervium*
Eurhynchium confertum (Dicks.) Br. eur. = *Rhynchostegium confertum*
Eurhynchium crassinervium var. *imbricatum* Zedda = *E. pulchellum* var. *praecox*
Eurhynchium curvisetum (Brid.) Limpr. = *Rhynchostegiella curviseta*
Eurhynchium histrio Mol. = *Cirriphyllum cirrosum*
Eurhynchium murale (Hedw.) Br. eur. = *Rhynchostegium murale*
Eurhynchium myosuroides Schimp. = *Isoetecium myosuroides*
Eurhynchium piliferum (Hedw.) Grout = *Cirriphyllum piliferum*
Eurhynchium praecox De Not. = *E. pulchellum* var. *praecox*
Eurhynchium praelongum ssp. *schleicheri* (Hedw.) Kindb. = *E. schleicheri*
Eurhynchium praelongum ssp. *swartzii* (Turn.) Kindb. = *E. hians* var. *hians*
Eurhynchium praelongum ssp. *swartzii* var. *meridionale* Limpr. = *E. hians* var. *rigidum*
Eurhynchium praelongum ssp. *swartzii* var. *rigidum* (Boul.) Husn. = *E. hians* var. *rigidum*
Eurhynchium praelongum var. *atrovirens* Brid. = *E. hians* var. *rigidum*
Eurhynchium praelongum var. *hians* = *E. hians* var. *hians*
Eurhynchium praelongum var. *meridionale* Boul. = *E. hians* var. *rigidum*
Eurhynchium rusciforme (Neck.) Br. eur. = *Rhynchostegium riparioides*
Eurhynchium stokesii (Turn.) Br. eur. = *E. praelongum* var. *stokesii*
Eurhynchium striatum ssp. *meridionale* (B. S. et G.) Amann = *E. meridionale*
Eurhynchium striatum var. *meridionale* (B. S. et G.) Schimp. = *E. meridionale*
Eurhynchium strigosum (Web. et Mohr) Schimp. = *E. pulchellum* var. *pulchellum*
Eurhynchium strigosum var. *praecox* (Hedw.) Husn. = *E. pulchellum* var. *praecox*
Eurhynchium swartzii (Turn.) Curnow = *E. hians* var. *hians*
Eurhynchium swartzii var. *abbreviatum* Dix. = *E. schleicheri*
Eurhynchium swartzii var. *meridionale* (Boul.) Warnst. = *E. hians* var. *rigidum*
Eurhynchium swartzii var. *robustum* Limpr. = *E. hians* var. *rigidum*
Eurhynchium teesdalei Schimp. = *Rhynchostegiella teesdalei*
Eurhynchium tenellum (Dicks.) Mildc = *Rhynchostegiella tenella* var. *tenella*
Eurhynchium ticinense (Kindb.) Kindb. = *Rhynchostegiella teesdalei*
Eurhynchium tommasinii Sendtn. = *Cirriphyllum tommasinii*
Eurhynchium vaucheri (Br. eur.) Loeske et Fleisch. = *Cirriphyllum tommasinii*
Eurhynchium velutinoides (Bruch) Br. eur. = *Eurhynchium slotowianum*
Eurhynchium zetterstedtii Störn. = *E. angustirete*

- Fabronia major* De Not. = *F. ciliaris*
Fabronia octoblepharis (Schleich.) Schwaegr. = *F. ciliaris*
Fabronia schimperiana De Not. = *F. pusilla*
Fiorinia italica Schimp. = *Helicodontium italicum*
Fissidens bambergeri Schimp. = *F. limbatulus* var. *bambergeri*
Fissidens bryoides ssp. *curvii* (Mitt.) Dix. = *F. curvii*
Fissidens bryoides ssp. *incurvus* (Röhl.) Bertsch = *F. incurvus*
Fissidens bryoides ssp. *tamarindifolius* (Turn.) Podp. = *F. incurvus* var. *tamarindifolius*
Fissidens bryoides ssp. *viridulum* (Sw.) Kindb. = *F. viridulum*
Fissidens bryoides var. *caespitosus* Schimp. = *F. curvii*
Fissidens bryoides var. *exilis* (Hedw.) Röhl. = *F. exilis*
Fissidens bryoides var. *hedwigii* Limpr. = *F. viridulum*
Fissidens bryoides var. *incurvus* (Röhl.) Hüb. = *F. incurvus*
Fissidens cristatus Wils. = *F. dubius*
Fissidens cyprius Jur. = *F. limbatulus*
Fissidens decipiens De Not. = *F. dubius*
Fissidens herzogii Ruthe = *F. limbatulus*
Fissidens impar Mitt. = *F. viridulum*
Fissidens inconstans Schimp. = *F. bryoides*
Fissidens incurvus ssp. *bottinii* Zodda = *F. bryoides*
Fissidens incurvus var. *bambergeri* Schimp. = *F. limbatulus* var. *bambergeri*
Fissidens incurvus var. *pusillus* (Wils.) Schimp. = *F. pusillus*
Fissidens incurvus var. *viridulum* (Sw.) Vent. et Bott. = *F. viridulum*
Fissidens intralimbatus Ruthe = *F. viridulum* var. *intralimbatus*
Fissidens julianus (Cand.) Schimp. = *Octodiceras fontanum*
Fissidens langei De Not. = *F. serrulatus*
Fissidens major Mitt. = *F. adianthoides*
Fissidens mildeanus Schimp. = *F. crassipes* var. *rufipes*
Fissidens minutulus Sull. = *F. gracilifolius*
Fissidens minutulus ssp. *pusillus* (Wils.) Wijk et Marg. = *F. pusillus*
Fissidens obductus (Vent.) Giac. = *F. ovatifolius*
Fissidens pallidicaulis Mitt. = *F. taxifolius* ssp. *pallidicaulis*
Fissidens pulvinatus Timm. = *Grimmia pulvinata*
Fissidens pusillus var. *tenuifolius* (Boul.) A. J. E. Sm. = *F. gracilifolius*
Fissidens sardagnai Vent. = *F. algarvicus*
Fissidens sardous De Not. = *F. incurvus*
Fissidens submarginatus Philib. = *F. exiguus*
Fissidens tamarindifolius (Turn.) Brid. = *F. incurvus* var. *tamarindifolius*
Fissidens warnstorffii Fleisch. = *F. crassipes* var. *philibertii*
Fontinalis androgyna (Ruthe) Mönk. = *F. antipyretica* ssp. *antipyretica* var. *antipyretica*
Fontinalis antipyretica ssp. *duriaei* = *F. hypnoides* var. *duriaei*
Fontinalis antipyretica var. *latifolia* Milde = *F. antipyretica* ssp. *antipyretica* var. *gigantea*
Fontinalis antipyretica var. *robusta* Card. = *F. antipyretica* ssp. *antipyretica* var. *gigantea*
Fontinalis capillacea L. = *Dichelyma capillaceum*
Fontinalis cavareana Farn. = *F. dalecarlica*
Fontinalis cavifolia Warnst. et Fleisch. = *F. antipyretica* ssp. *antipyretica* var. *antipyretica*

- Fontinalis dolosa* Card. = *F. antipyretica* ssp. *antipyretica* var. *antipyretica*
Fontinalis duriaei Schimp. = *F. hypnoides* var. *duriaei*
Fontinalis gracilis Lindb. = *F. antipyretica* ssp. *antipyretica* var. *gracilis*
Fontinalis hypnoides var. *ramosa* Farn. = *F. hypnoides* var. *duriaei*
Fontinalis juliana Savi = *Octodiceras fontanum*
Fontinalis kindbergii Ren. et Card. = *F. antipyretica* ssp. *kindbergii*
Fontinalis minor L. = *F. antipyretica* ssp. *antipyretica* var. *antipyretica*
Fontinalis pennata Huds. = *Neckera pumila* var. *pumila*
Fontinalis ravanii Hy = *F. hypnoides* var. *hypnoides*
Fontinalis squamosa var. *tenella* Br. et Schimp. = *F. hypnoides* var. *hypnoides*
Funaria attenuata (Dicks.) Lindb. = *Entosthodon attenuatus*
Funaria calcarea Wahlenb. = *F. muhlenbergii*
Funaria calcarea var. *convexa* (Spruce) Husn. = *F. convexa*
Funaria calcarea var. *mediterranea* (Lindb.) Kindb. = *F. muhlenbergii*
Funaria calvescens Schwaegr. = *F. hygrometrica* var. *calvescens*
Funaria curviseta (Schwaegr.) Milde = *Funariella curviseta*
Funaria dentata Crome = *F. muhlenbergii*
Funaria dentata ssp. *mediterranea* (Lindb.) Amann = *F. muhlenbergii*
Funaria dentata var. *convexa* (Spruce) Husn. = *F. convexa*
Funaria dentata var. *mediterranea* (Lindb.) Limpr. = *F. muhlenbergii*
Funaria fascicularis (Hedw.) Lindb. = *Entosthodon fascicularis*
Funaria fontanesii Schwaegr. = *F. muhlenbergii*
Funaria hibernica Hook = *F. muhlenbergii*
Funaria hygrometrica var. *patula* B. S. et G. = *F. hygrometrica* var. *muralis*
Funaria mediterranea Lindb. = *F. muhlenbergii*
Funaria mediterranea var. *flaccida* (B. S. et G.) Limpr. = *F. muhlenbergii*
Funaria mediterranea var. *patula* (B. S. et G.) Limpr. = *F. muhlenbergii*
Funaria neglecta De Not. = *F. muhlenbergii*
Funaria notarisi Schimp. = *Entosthodon obtusus*
Funaria obtusa (Hedw.) Lindb. = *Entosthodon obtusus*
Funaria pallescens (Jur.) Lindb. = *Entosthodon pallescens*
Funaria pustulosa Zedda = *F. convexa*
Gagea compacta Radlk. = *Zygodon forsteri*
Georgia pellucida (L.) Rabenh. = *Tetraphis pellucida*
Glyphomitrium polyphyllum (Dicks.) Mitt. = *Prychomitrium polyphyllum*
Grimmia africana Arn. = *G. pulvinata* var. *africana*
Grimmia alpestris ssp. *ungeri* (Jur.) Kindb. = *G. alpestris*
Grimmia alpicola Sw. = *Schistidium agassizii*
Grimmia alpicola var. *rivulare* (Brid.) Limpr. = *Schistidium rivulare*
Grimmia andreaeoides Limpr. = *Didymodon rigidulus*
Grimmia apocarpa Hedw. = *Schistidium apocarpum*
Grimmia apocarpa var. *alpicola* Swartz = *Schistidium agassizii*
Grimmia apocarpa var. *atrofusca* (Schimp.) Husn. = *Schistidium atrofusum*
Grimmia apocarpa var. *helvetica* Nees et Hornsch. = *Schistidium rivulare*
Grimmia apocarpa var. *nigrescens* Mol. = *Schistidium atrofusum*
Grimmia apocarpa var. *rivulare* Br. germ. = *Schistidium rivulare*
Grimmia aquatica (P. Beauv.) C. Müll. = *Racomitrium aquaticum*
Grimmia arcuata De Not. = *Dryptodon patens*
Grimmia arenaria Hampe = *G. donniana* var. *curvula*
Grimmia atrofusca Schimp. = *Schistidium atrofusum*
Grimmia atrovirens Sm. = *Tortula atrovirens*

- Grimmia bifrons* De Not. = *G. donniana*
Grimmia calvescens Kindb. = *G. funalis*
Grimmia campestris Bruch = *G. laevigata*
Grimmia capillata De Not. = *G. crinita*
Grimmia commutata Hüb. = *G. ovalis*
Grimmia conferta Funck = *Schistidium apocarpum* var. *confertum*
Grimmia contorta Schimp. = *G. incurva*
Grimmia cribrosa Hedw. = *Coscinodon cribrosus*
Grimmia curvula Bruch = *G. donniana* var. *curvula*
Grimmia donli Sm. = *G. donniana*
Grimmia donniana var. *arenaria* (Hampe) Loeske = *G. donniana* var. *curvula*
Grimmia elliptica Funck = *G. ovalis*
Grimmia flaccida (De Not.) Lindb. = *Schistidium flaccidum*
Grimmia fragilis Schimp. = *G. donniana*
Grimmia gigantea Schimp. = *Geheebia gigantea*
Grimmia glyphomitrioides Bals. et De Not. = *Ptychomitrium incurvum*
Grimmia gracilis (Schleich.) Schwaegr. = *Schistidium strictum*
Grimmia hausmanniana De Not. = *G. ovalis*
Grimmia holleri Mol. = *G. apiculata*
Grimmia inconspicua Bert. = *Fabronia pusilla*
Grimmia jacquinii Garov. = *G. caespiticia*
Grimmia jaeggiana Giac. = *G. tergestina*
Grimmia leucophaea Grev. = *G. laevigata*
Grimmia limprichtii Kern = *G. anodon*
Grimmia lisae De Not. = *G. trichophylla* var. *brachycarpa*
Grimmia longipila Bert. = *G. elatior*
Grimmia maritima Turn. = *Schistidium maritimum*
Grimmia microstoma Br. eur. = *G. alpestris*
Grimmia mollis B. S. et G. = *Hydrogrimmia mollis*
Grimmia muehlenbeckii Schimp. = *G. trichophylla* var. *tenuis*
Grimmia obtusa Schwaegr. = *G. donniana*
Grimmia ovata Web. et Mohr = *G. ovalis*
Grimmia ovata var. *affinis* (Hornsch.) B. S. et G. = *G. affinis*
Grimmia ovata var. *patens* (Hornsch.) Hüb. = *G. ovalis*
Grimmia ovata var. *sciuroides* Hüb. = *G. affinis*
Grimmia patens (Hedw.) B. et S. = *Dryptodon patens*
Grimmia procera Bals. et De Not. = *Racomitrium sudeticum*
Grimmia pulvinata var. *obtusata* Brid. = *G. pulvinata* var. *africana*
Grimmia recurvata Hedw. = *Seligeria recurvata* var. *recurvata*
Grimmia ryani Limpr. = *G. funalis*
Grimmia sardoa De Not. = *G. trichophylla* var. *brachycarpa*
Grimmia schultzei (Brid.) Hüb. = *G. decipiens*
Grimmia sphaerica Schimp. = *G. anodon*
Grimmia spiralis Hook. = *G. funalis*
Grimmia subsulcata Limpr. = *G. alpestris*
Grimmia sulcata Sant. = *G. caespiticia*
Grimmia trichophylla ssp. *meridionalis* (C. Müll.) Loeske = *G. trichophylla* var. *brachycarpa*
Grimmia trichophylla var. *meridionalis* C. Müll. = *G. trichophylla* var. *brachycarpa*
Grimmia triformis Carest. et De Not. = *G. donniana* var. *triformis*
Grimmia uncinata Kaulf. = *G. incurva*

- Grimmia zahlbruckneri* Garov. = *G. donniana* var. *curvula*
Gymnostomum aestivum Hedw. = *Anoetangium aestivum*
Gymnostomum aquaticum (Hedw.) Web. et Mohr = *Cinclidonus aquaticus*
Gymnostomum bicolor B. S. et G. = *Barbula bicolor*
Gymnostomum brevirostre Nees et Hornsch. = *Hymenostylium recurvirostrum*
Gymnostomum caespitium Web. et Mohr = *Blindia caespiticia*
Gymnostomum calcareum var. *brevifolium* Bauc. = *G. viridulum*
Gymnostomum ciliatum (Hedw.) Lag. = *Hedwigia ciliata*
Gymnostomum combae De Not. = *Pottia wilsonii*
Gymnostomum conicum Schwaegr. = *Pottia davalliana* var. *conica*
Gymnostomum curvirostre Hedw. = *Hymenostylium recurvirostrum*
Gymnostomum curvirostrum var. *scabrum* (Lindb.) Dix. = *Hymenostylium recurvirostrum* var. *latifolium*
Gymnostomum curvisetum Schwaegr. = *Funariella curviseta*
Gymnostomum cuspidatum Röhl. = *Pottia truncata*
Gymnostomum ericetorum (De Not.) C. Müll. = *Entosthodon obtusus*
Gymnostomum fasciculare Hedw. = *Entosthodon fascicularis*
Gymnostomum fasciculare var. *schultzei* Nees et Hornsch. = *Physcomitrium pyriforme*
Gymnostomum gracillimum Nees et Hornsch. = *G. calcareum*
Gymnostomum hedwigia Web. et Mohr = *Hedwigia ciliata*
Gymnostomum heinii Hedw. = *Desmatodon heinii*
Gymnostomum intermedium Turm. = *Pottia intermedia*
Gymnostomum involutum Roth = *Trichostomum crispulum* var. *elatum*
Gymnostomum laisieri (Sergio) Sergio ex Crundw. = *G. viridulum*
Gymnostomum microcarpon Nees et Hornsch. = *Hymenostylium recurvirostrum*
Gymnostomum microstomum Hedw. = *Weissia brachycarpa*
Gymnostomum minutulum Schwaegr. = *Pottia davalliana*
Gymnostomum obtusum Hedw. = *Entosthodon obtusus*
Gymnostomum ovatum Hedw. = *Pterygoneurum ovatum*
Gymnostomum pallidisetum Nees et Hornsch. = *Hymenostylium recurvirostrum*
Gymnostomum pyriforme Hedw. = *Physcomitrium pyriforme*
Gymnostomum rupestre Schleich. = *G. aeruginosum*
Gymnostomum rutilans Hedw. = *Weissia rutilans*
Gymnostomum sphaericum Schwaegr. = *Physcomitrium sphaericum*
Gymnostomum tenue Schrad. = *Gyroweisia tenuis*
Gymnostomum tortile Schwaegr. = *Weissia condensa*
Gymnostomum truncatulum Hedw. = *Pottia truncata*
Gymnostomum truncatulum var. *maius* (Web. et Mohr) B. et S. = *Pottia intermedia*
Gyroweisia acutifolia Philib. = *Gyroweisia tenuis* var. *badia*
Habrodon notarisii Schimp. = *H. perpusillus*
Haplocladium microphyllum ssp. *virginianum* (Brid.) Reim. = *H. virginianum*
Hedwigia albicans Hedw. = *H. ciliata*
Hedwigia aquatica Hedw. = *Cinclidonus aquaticus*
Hedwigia ciliata var. *concolor* (De Not.) De Not. = *H. integrifolia*
Hedwigia filiformis (Michx.) P. Beauv. = *H. integrifolia*
Hedwigia imberbe (Sm.) B. S. et G. = *H. integrifolia*
Heterocladium squarrosulum (Voit) Lindb. = *H. dimorphum*
Heterophyllum haldanianum (Grev.) Fleisch. = *Callicladium haldanianum*
Heterophyllum nemorosum (Brid.) Loeske = *H. affine*
Homalia complanata De Not. = *Neckera complanata*

- Homalia sendtneriana* B. S. et G. = *H. besseri*
Homalothecium fallax (Philib.) Philib. = *H. lutescens* var. *fallax*
Homalothecium nitens (Hedw.) Robins. = *Tomentypnum nitens*
Homalothecium philippeii (Spruce) Br. eur. = *H. philippeanum*
Homalothecium sericeum var. *robustum* Warnst. = *H. sericeum* var. *meridionale*
Hydrogonium ehrenbergii (Lor.) Jäg. = *Barbula ehrenbergii*
Hydrogonium mediterraneum (C. Muell.) Ren. = *Barbula ehrenbergii*
Hygroamblystegium curvicaule (Jur.) Loeske = *Cratoneuron curvicaule*
Hygroamblystegium fallax (Brid.) Loeske = *Cratoneuron filicinum* var. *filicinum*
Hygroamblystegium filicinum (Hedw.) Loeske = *Cratoneuron filicinum* var. *filicinum*
Hygroamblystegium fluviale (Hedw.) Loeske = *Amblystegium fluviale*
Hygroamblystegium irriguum (Hook. et Wils.) Loeske = *Amblystegium tenax*
Hygroamblystegium tenax (Hedw.) Jenn. = *Amblystegium tenax*
Hygrohypnum dilatatum (Wils.) Loeske = *H. duriusculum*
Hygrohypnum palustre (Brid.) Loeske = *H. luridum* var. *luridum*
Hygrohypnum rivulare (Sw.) Broth. = *H. alpestre*
Hylocomiastrum umbratum (Ehrh.) Fleisch. = *Hylocomium umbratum*
Hylocomium loreum (L.) Br. eur. = *Rhytidiadelphus loreus*
Hylocomium oakesii Sull. = *H. pyrenaicum*
Hylocomium proliferum Brid. = *H. splendens*
Hylocomium purum (L.) De Not. = *Scleropodium purum*
Hylocomium rugosum De Not. = *Rhytidium rugosum*
Hylocomium schreberi Willd. = *Pleurozium schreberi*
Hylocomium squarrosum (L.) Br. eur. = *Rhytidiadelphus squarrosus*
Hylocomium squarrosum var. *subpinnatus* Lindb. = *Rhytidiadelphus subpinnatus*
Hylocomium subpinnatum Lindb. = *Rhytidiadelphus subpinnatus*
Hylocomium triquetrum (L.) Br. eur. = *Rhytidiadelphus triquetrus*
Hymenostomum brachycarpum Nees et Hornsch. = *Weissia brachycarpa*
Hymenostomum crispatum Nees et Hornsch. = *Weissia controversa* var. *crispata*
Hymenostomum microstomum (Hedw.) R. Brown = *Weissia brachycarpa*
Hymenostomum microstomum var. *brachycarpum* De Not. = *Weissia brachycarpa*
Hymenostomum microstomum var. *muelleri* (Bruch) De Not. = *Trichostomum brachydontium*
Hymenostomum muelleri Bruch = *Trichostomum brachydontium*
Hymenostomum murale Sprence = *Weissia wimmeriana*
Hymenostomum torile (Schwaegr.) Br. eur. = *Weissia condensa*
Hymenostomum triquetrum Spruce = *Acaulon triquetrum*
Hymenostylium curvirostre Mitt. = *H. recurvirostrum*
Hymenostylium curvirostre var. *scabrum* (Lindb.) Limpr. = *H. recurvirostrum* var. *latifolium*
Hypnum abietinum L. = *Thuidium abietinum*
Hypnum aciculare Scop. = *Racomitrium aciculare*
Hypnum adianthoides (Hedw.) L. ex With. = *Fissidens adianthoides*
Hypnum aduncum Hedw. = *Drepanocladus aduncus* var. *aduncus*
Hypnum aduncum var. *blandowii* San. = *Drepanocladus aduncus* var. *polycarpus*
Hypnum albicans Neck. ex Hedw. = *Brachythecium albicans*
Hypnum algerianum (P. Beauv.) Brid. = *Rhynchostegiella tenella* var. *tenella*
Hypnum alopecurum L. = *Thamnobryum alopecurum*
Hypnum alpestre Sw. = *Hygrohypnum alpestre*
Hypnum alpinum Schimp. = *Hygrohypnum alpinum*
Hypnum aquaticum Jacq. = *Cinclidotus aquaticus*

- Hypnum arbuscula* Brid. = *Thamnobryum alopecurum*
Hypnum arcticum Sommerf. = *Hygrohypnum smithii*
Hypnum arcuatum Lindb. = *H. lindbergii*
Hypnum argenteum (Hedw.) Web. et Mohr = *Bryum argenteum*
Hypnum atrovirens Dicks. = *Pseudoleskea incurvata*
Hypnum attenuatum (Hedw.) Sm. = *Anomodon attenuatus*
Hypnum aureum Hag. = *Homalothecium aureum*
Hypnum bottinii Breidl. = *Sematophyllum bottinii*
Hypnum breidleri Jur. = *Calliergon richardsonii*
Hypnum brevirostre Ehrh. = *Hylacomium brevirostre*
Hypnum bryoides L. = *Fissidens bryoides*
Hypnum caespitium (Hedw.) Web. et Mohr = *Bryum caespitium* var. *caespitium*
Hypnum campestre (C. Muell.) Mitt. = *Brachythecium campestre*
Hypnum capillare (Hedw.) Web. et Mohr = *Bryum capillare* var. *capillare*
Hypnum carinatum Scop. = *Platygyrium repens*
Hypnum cassubicum Scop. = *Homalothecium lutescens* var. *lutescens*
Hypnum catenulatum (Schröd.) Brid. = *Pseudoleskea catenulata*
Hypnum chrysophyllum Brid. = *Campylium chrysophyllum*
Hypnum chrysophyllum var. *protensum* Vent. = *Campylium stellatum* var. *protensum*
Hypnum circinatum Brid. = *Scorpiurium circinatum*
Hypnum circinatum Brotero = *Pterogonium gracile*
Hypnum cirratum Weiss = *Dicranoweisia cirrata*
Hypnum clavellatum L. = *Rhynchostegium confertum*
Hypnum cochlearifolium Vent. = *Hygrohypnum cochlearifolium*
Hypnum coelophyllum Mol. = *H. revolutum*
Hypnum collinum Schlecht. = *Brachythecium collinum*
Hypnum commutatum Hedw. = *Palustriella commutata* var. *commutata*
Hypnum commutatum ssp. *irrigatum* (Zeu.) Boul. = *Palustriella commutata* var. *fluctuans*
Hypnum commutatum var. *falcatum* (Brid.) Fiedl. = *Palustriella commutata* var. *falcata*
Hypnum commutatum var. *fluctuans* B. S. et G. = *Palustriella commutata* var. *fluctuans*
Hypnum complanatum L. = *Neckera complanata*
Hypnum compressum L. ex With. = *Ctenidium molluscum* var. *molluscum*
Hypnum concinnum De Not. = *Entodon concinnus*
Hypnum condensatum Schimp. = *H. bambergeri*
Hypnum confertum Schwaegr. = *Rhynchostegium confertum*
Hypnum confertum var. *megapolitanum* (Web. et Mohr) Hampe = *Rhynchostegium megapolitanum* var. *megapolitanum*
Hypnum confervoides Brid. = *Amblystegium confervoides*
Hypnum contiguum Nees = *Sanionia uncinata*
Hypnum cordifolium Hedw. = *Calliergon cordifolium*
Hypnum cossonii Schimp. = *Drepanocladus cossonii*
Hypnum crispum L. = *Neckera crispata*
Hypnum crista-castrensis L. = *Ptilium crista-castrensis*
Hypnum cupressiforme ssp. *imponens* (Hedw.) Boul. = *H. imponens*
Hypnum cupressiforme var. *brevisetum* Schimp. = *H. cupressiforme* var. *cupressiforme*
Hypnum cupressiforme var. *elatum* B. S. et G. = *H. cupressiforme* var. *lacunosum*

- Hypnum cupressiforme* var. *ericetorum* B. S. et G. = *H. jutlandicum*
Hypnum cupressiforme var. *filiforme* Brid. = *H. cupressiforme* var. *cupressiforme*
Hypnum cupressiforme var. *imbrication* Boul. = *H. cupressiforme* var. *subulaceum*
Hypnum cupressiforme var. *longirostre* B. S. et G. = *H. cupressiforme* var. *cupressiforme*
Hypnum cupressiforme var. *manillatum* Brid. = *H. andoi*
Hypnum cupressiforme var. *resupinatum* Hartm. = *H. cupressiforme* ssp. *resupinatum*
Hypnum cupressiforme var. *tectorum* B. S. et G. = *H. cupressiforme* var. *lacunosum*
Hypnum cupressiforme var. *uncinatum* B. S. et G. = *H. cupressiforme* var. *cupressiforme*
Hypnum cupressiforme var. *uncinatum* Boul. = *H. cupressiforme* var. *cupressiforme*
Hypnum curtispiculum (Hedw.) L. ex With. = *Antitrichia curtispiculum*
Hypnum curvatum Swartz = *Isoetecium alopecuroides* var. *alopecuroides*
Hypnum curvicaule Jur. = *Cratoneuron curvicaule*
Hypnum cuspidatum L. ex Hedw. = *Calliergonella cuspidata*
Hypnum cuspidatum var. *concinnum* (De Not.) De Not. = *Entodon concinnum*
Hypnum decipiens (De Not.) Limpr. = *Palustriella decipiens*
Hypnum delicatulum L. = *Thuidium recognitum*
Hypnum demissum De Not. = *Sematophyllum demissum*
Hypnum dendroides L. = *Climacium dendroides*
Hypnum denticulatum L. = *Plagiothecium denticulatum* var. *denticulatum*
Hypnum dilatatum Wils. = *Hygrohypnum duriusculum*
Hypnum dilatatum var. *duriusculum* Limpr. = *Hygrohypnum duriusculum*
Hypnum dimorphum Brid. = *Heterocladium dimorphum*
Hypnum elodes Spruce = *Campylium elodes*
Hypnum erectum Raddi = *Hylocomium brevirostre*
Hypnum exannulatum B. S. et G. = *Warnstorfia exannulata*
Hypnum falcatum Brid. = *Palustriella commutata* var. *falcata*
Hypnum fallaciosum Jur. = *Campylium polygamum* var. *polygamum*
Hypnum fastigiatum Schimp. = *H. recurvatum*
Hypnum filamentosum Dicks. = *Pseudoleskea incurvata*
Hypnum filicinum Hedw. = *Cratoneuron filicinum* var. *filicinum*
Hypnum flagellare Hedw. = *Brachythecium plumosum*
Hypnum fluitans L. = *Warnstorfia fluitans*
Hypnum fluitans var. *falcatum* (C. Jens.) Roth = *Warnstorfia fluitans* var. *falcata*
Hypnum fluitans var. *pseudostramineum* Milde = *Warnstorfia pseudostraminea*
Hypnum fluitans var. *stenophyllum* Schimp. = *Warnstorfia exannulata*
Hypnum fluviatile Sw. ex Hedw. = *Amblystegium fluviatile*
Hypnum formianum (Fior.-Mazz.) G. Roth = *Cratoneuron filicinum* var. *atrovirens*
Hypnum fulgidulum Rota = *Sanionia uncinata*
Hypnum giganteum Schimp. = *Calliergon giganteum*
Hypnum glareosum Bruch ex Spruce = *Brachythecium glareosum* var. *glareosum*
Hypnum goudardii (Schimp.) Loeske = *Hygrohypnum cochlearifolium*
Hypnum gracile Savi = *Pterogonium gracile*
Hypnum haldanianum Grev. = *Calicladium haldanianum*
Hypnum halleri Swartz = *Campylium halleri*
Hypnum hamifolium Schimp. = *Drepanocladus sendtneri*
Hypnum hausmannii De Not. = *Amblystegium riparium*
Hypnum heufleri Jur. = *H. revolutum*
Hypnum illecebrum L. = *Scleropodium touretii* var. *touretii*
Hypnum incurvatum Brid. = *Homomallium incurvatum*

- Hypnum incurvatum* Hedw. = *Pseudoleskea incurvata*
Hypnum intermedium Lindb. = *Drepanocladus cossonii*
Hypnum intermedium var. *cossonii* Sanio = *Drepanocladus cossonii*
Hypnum intermedium var. *revolvens* Renauld = *Drepanocladus revolvens*
Hypnum intricatum Schreb. ex Hedw. = *Brachythecium velutinum* var. *velutinum*
Hypnum irrigatum Zett. = *Palustriella commutata* var. *fluctuans*
Hypnum irroratum C. Müll. = *Orthothecium intricatum*
Hypnum julaceum (Gaertn., Meyer et Scherb.) Web. et Mohr = *Anomobryum*
julaceum var. *julaceum*
Hypnum julaceum Schwægr. = *Myurella julacea*
Hypnum kneiffii (B. S. et G.) Schimp. = *Drepanocladus aduncus* var. *kneiffii*
Hypnum litoreum De Not. = *Rhynchostegiella tenella* var. *litorea*
Hypnum longirostrum Brid. = *Eurhynchium striatum*
Hypnum loreum L. = *Rhyidiadelphus loreus*
Hypnum lucens L. = *Hookeria lucens*
Hypnum lutescens Hedw. = *Homalothecium lutescens* var. *lutescens*
Hypnum lycopodioides Brid. = *Drepanocladus lycopodioides*
Hypnum magapolitanum Bland. = *Rhynchostegium megapolitanum* var.
magapolitanum
Hypnum mediterraneum Soudn. = *Scorpiurium circinatum*
Hypnum medium Dicks. = *Leskea polycarpa*
Hypnum meridionale De Not. = *Eurhynchium meridionale*
Hypnum mildeanum Schimp. = *Brachythecium mildeanum*
Hypnum molle Dicks. = *Hygrohypnum molle* var. *molle*
Hypnum molle var. *schimperianum* (Lor.) Schimp. = *Hygrohypnum molle* var.
schimperianum
Hypnum molluscum Hedw. = *Ctenidium molluscum* var. *molluscum*
Hypnum molluscum var. *condensatum* Schimp. = *Ctenidium molluscum* var.
condensatum
Hypnum molluscum var. *subplumiferum* (Kindb.) Limpr. = *Ctenidium molluscum*
var. *robustum*
Hypnum moniliforme Wahlenb. = *Myurella julacea*
Hypnum mühlenbeckii Schimp. = *Herzogiella striatella*
Hypnum murale Dicks. = *Rhynchostegium murale*
Hypnum myosuroides Brid. = *Isothecium myosuroides*
Hypnum nemorosum Koch = *Heterophyllum affine*
Hypnum nitens Schreb. ex Hedw. = *Tomentypnum nitens*
Hypnum nivale Lor. = *Calliergon stramineum*
Hypnum oakesii Sull. = *Hylocomium pyrenaicum*
Hypnum ochraceum Turn. = *Hygrohypnum ochraceum*
Hypnum ornellianum Mol. = *Scleropodium ornellianum*
Hypnum ornithopodioides Scop. = *Neckera complanata*
Hypnum pallescens var. *reptile* (Michx.) Husn. = *H. pallescens*
Hypnum paludosum Arn. = *Leskea polycarpa*
Hypnum palustre L. = *Hygrohypnum luridum* var. *luridum*
Hypnum palustre var. *subsphaericarpon* (Brid.) Schwægr. = *Hygrohypnum luridum*
var. *subsphaericarpon*
Hypnum parietinum L. ex Wahlenb. = *Pleurozium schreberi*
Hypnum patientiae Lindb. = *H. lindbergii*
Hypnum pellucidum Wils. = *Hamatocaulis vernicosus*
Hypnum piliferum Schreb. ex Hedw. = *Cirriphyllum piliferum*

- Hypnum plicatum* Schleich. = *Ptychodium plicatum*
Hypnum plumosum Hedw. = *Brachythecium plumosum*
Hypnum polyanthos Schreb. = *Pylaisia polyantha*
Hypnum polycephalum Neck. = *Cryphaea heteromalla*
Hypnum polygamum (B. S. et G.) Wils. = *Campylium polygamum* var. *polygamum*
Hypnum polygamum var. *minus* Schimp. = *Campylium polygamum* var. *minus*
Hypnum polymorphum Hedw. = *Eurhynchium praelongum* var. *stokesii*
Hypnum polymorphum Hook. et Tayl. = *Campylium chrysophyllum*
Hypnum populeum Hedw. = *Brachythecium populeum* var. *populeum*
Hypnum praelongum Hedw. = *Eurhynchium praelongum* var. *praelongum*
Hypnum procerrimum Mol. = *Ctenidium procerrimum*
Hypnum proliferum L. = *Hylocomium splendens*
Hypnum protuberans Brid. = *H. pallescens*
Hypnum pseudo-delicatulum Raddi = *Eurhynchium praelongum* var. *stokesii*
Hypnum pseudofluitans (Hedw.) Warnst. = *Drepanocladus aduncus* var. *aduncus*
Hypnum pseudostramineus C. Müll. = *Warnstorfia pseudostraminea*
Hypnum pulchellum Dicks. = *Isopterygiopsis pulchella* var. *pulchella*
Hypnum pumilum Wils. = *Eurhynchium pumilum*
Hypnum punctatum Bals. et De Not. = *Haplocladum virginianum*
Hypnum purpurascens (Schimp.) Limpr. = *Warnstorfia exannulata*
Hypnum purum L. = *Scleropodium purum*
Hypnum pyrenaicum Spruce = *Hylocomium pyrenaicum*
Hypnum rabenhorsii Mol. = *Hamatocaulis vernicosus*
Hypnum recognitum Hedw. = *Thuidium recognitum*
Hypnum reflexum Sturk. = *Brachythecium reflexum*
Hypnum reptile Michx. = *H. pallescens*
Hypnum revolutum var. *dolomiticum* (Milde) Mönk. = *H. dolomiticum*
Hypnum revolvens Swartz = *Drepanocladus revolvens*
Hypnum richardsonii (Mitt.) Lesq. et Jam. = *Calliergon richardsonii*
Hypnum riparioides Hedw. = *Rhynchostegium riparioides*
Hypnum riparium L. = *Amblystegium riparium*
Hypnum rivulare (B. S. et G.) Bruch = *Brachythecium rivulare*
Hypnum rotae (De Not.) Bolt. = *Warnstorfia exannulata*
Hypnum rotundifolium De Not. = *Rhynchostegium rotundifolium*
Hypnum rufescens Brid. = *Orthothecium rufescens*
Hypnum rugosum (L.) Ehrh. = *Rhytidium rugosum*
Hypnum rugulosum Web. et Mohr = *Rhytidium rugosum*
Hypnum ruscifolium Neck. ex With. = *Rhynchostegium riparioides*
Hypnum rutabulum L. = *Brachythecium rutabulum*
Hypnum salebrosum Hoffm. ex Web. et Mohr = *Brachythecium salebrosum* var. *salebrosum*
Hypnum sarmentosum Wahlenb. = *Calliergon sarmentosum*
Hypnum schimperi Lor. = *Sematophyllum demissum*
Hypnum schimperianum Lor. = *Hygrohypnum molle* var. *schimperianum*
Hypnum schleicheri Hedw. = *Eurhynchium schleicheri*
Hypnum schleicheri var. *tenellum* De Not. = *Rhynchostegiella curviseta*
Hypnum schreberi Willd. ex Brid. = *Pleurozium schreberi*
Hypnum sciuroides Hedw. = *Leucodon sciuroides*
Hypnum scorpioides L. = *Scorpidium scorpioides*
Hypnum sendtneri Schimp. = *Drepanocladus sendtneri*
Hypnum sericeum L. = *Homalothecium sericeum* var. *sericeum*

- Hypnum serpens* L. = *Amblystegium serpens* var. *serpens*
Hypnum silesiacum P. Beauv. = *Herzogiella seligeri*
Hypnum silvaticum L. = *Plagiothecium nemorale*
Hypnum simplicissimum Warnst. = *Drepanocladus aduncus* var. *kneiffii*
Hypnum solmsii Kindb. = *Sanionia uncinata*
Hypnum sommerfeltii Myr. = *Campylium calcareum*
Hypnum speciosum Brid. = *Eurhynchium speciosum*
Hypnum sphaericarpon Schleich. = *Hygrohypnum luridum* var. *subsphaericarpon*
Hypnum splendens Hedw. = *Hylocomium splendens*
Hypnum squarrosum L. = *Rhytidiadelphus squarrosus*
Hypnum squarrosum var. *calvescens* (Wils.) Hobkirk = *Rhytidiadelphus subpinnatus*
Hypnum starkei Brid. = *Brachythecium starkei* var. *starkei*
Hypnum stellatum Schreb. ex Hedw. = *Campylium stellatum* var. *stellatum*
Hypnum stellatum ssp. *protensum* (Brid.) Kindb. = *Campylium stellatum* var. *protensum*
Hypnum stellatum var. *minus* Hook. et Tayl. = *Campylium chrysophyllum*
Hypnum stellatum var. *protensum* (Brid.) Röhl. = *Campylium stellatum* var. *protensum*
Hypnum stokesii (Turn.) Br. eur. = *Eurhynchium praelongum* var. *stokesii*
Hypnum stramineum Dicks. ex Brid. = *Calliergon stramineum*
Hypnum striatum Schreb. ex Hedw. = *Eurhynchium striatum*
Hypnum strigosum Hoffm. = *Eurhynchium pulchellum* var. *pulchellum*
Hypnum subaduncum (Warnst.) Mönk. = *Drepanocladus aduncus* var. *aduncus*
Hypnum subchrysophyllum Hedw. = *Campylium chrysophyllum*
Hypnum subsulcatum Schimp. = *Palustriella commutata* var. *sulcata*
Hypnum subtile (Hedw.) Dicks. = *Amblystegium subtile*
Hypnum sulcatum Schimp. = *Palustriella commutata* var. *sulcata*
Hypnum sulcatum var. *subsulcatum* (Schimp.) Schimp. = *Palustriella commutata* var. *sulcata*
Hypnum tamariscinum L. = *Thuidium tamariscinum*
Hypnum taxifolium L. = *Fissidens taxifolius*
Hypnum teesdalei Schimp. = *Rhynchostegiella teesdalei*
Hypnum tenellum Dicks. = *Rhynchostegiella tenella* var. *tenella*
Hypnum thomasi Brid. = *Brachythecium salebrosum* var. *salebrosum*
Hypnum trichomanoides Hedw. = *Homalia trichomanoides*
Hypnum trifarium Web. et Mohr = *Calliergon trifarium*
Hypnum triquetrum (L.) Br. eur. = *Rhytidiadelphus triquetrus*
Hypnum turgescens T. Jens. = *Scorpidium turgescens*
Hypnum umbratum Ehrh. = *Hylocomium umbratum*
Hypnum uncinatum Hedw. = *Sanionia uncinata*
Hypnum undulatum L. = *Plagiothecium undulatum*
Hypnum vallis-clausae Brid. = *Cratoneuron filicinum* var. *atrovirens*
Hypnum vaucheri var. *coelophyllum* (Mol.) Pfeff. = *H. revolutum*
Hypnum velutinum L. ex Hedw. = *Brachythecium velutinum* var. *velutinum*
Hypnum vernicosum Lindb. = *Hamatocaulis vernicosus*
Hypnum virescens Boul. = *Palustriella commutata* var. *fluctuans*
Hypnum viticulosum (Hedw.) L. ex With. = *Anomodon viticulosus*
Hypnum wissgrillii Garov. = *Taxiphyllum wissgrillii*
Isoterygium bottinii (Brid.) Kindb. = *Sematophyllum bottinii*
Isoterygium depressum (Bruch) Mitt. = *Taxiphyllum wissgrillii*
Isoterygium elegans (Brid.) Lindb. = *Pseudotaxiphyllum elegans*

- Isopterygium muellerianum* Schimp. = *Isopterygiopsis muelleriana*
Isopterygium piliferum (Hartm.) Loeske = *Plagiothecium piliferum*
Isopterygium pulchellum (Hedw.) Jäg. = *Isopterygiopsis pulchella* var. *pulchella*
Isopterygium pulchellum var. *nitidulum* (Wahlenb.) Roth = *Isopterygiopsis pulchella* var. *nitidula*
Isopterygium seligeri (Brid.) Dix. = *Herzogiella seligeri*
Isothecium catenulatum Brid. = *Pseudoleskeella catenulata*
Isothecium filescens (Brid.) Mönk. = *Eurhynchium striatulum*
Isothecium julaceum Brid. = *Myurella julacea*
Isothecium moniliforme Hüb. = *Myurella julacea*
Isothecium myurum (Brid.) Brid. = *I. alopecuroides* var. *alopecuroides*
Isothecium myurum var. *robustum* B. S. et G. = *I. alopecuroides* var. *robustum*
Isothecium robustum Schimp. = *I. alopecuroides* var. *robustum*
Isothecium rufescens Hüb. = *Orthothecium rufescens*
Isothecium sericeum Spruce = *Homalothecium sericeum* var. *sericeum*
Isothecium striatulum (Spruce) Kindb. = *Eurhynchium striatulum*
Isothecium viviparum Lindb. = *I. alopecuroides* var. *alopecuroides*
Isothecium viviparum var. *robustum* (B. S. et G.) Corb. = *I. alopecuroides* var. *robustum*
Lasia smithii Brid. = *Leptodon smithii*
Leersia lanceolata Hedw. = *Pottia lanceolata*
Leptodictyum kochii (B. S. et G.) Warnst. = *Amblystegium humile*
Leptodictyum riparium (Hedw.) Warnst. = *Amblystegium riparium*
Leptohymenium filiforme Hüb. = *Pterigynandrum filiforme* var. *filiforme*
Leptohymenium gracile Hüb. = *Pterogonium gracile*
Leptotrichum cylindricum (Hedw.) Vent. et Bott. = *Ditrichum cylindricum*
Leptotrichum flexicaule (Schwaegr.) Hampe = *Ditrichum flexicaule*
Leptotrichum glaucescens Hedw. = *Saetania glaucescens*
Leptotrichum homomallum (Hedw.) Hampe = *Ditrichum heteromallum*
Leptotrichum molendoanum Lor. = *Ditrichum zonatum*
Leptotrichum pallidum (Hedw.) Hampe = *Ditrichum pallidum*
Leptotrichum subulatum Hampe = *Ditrichum subulatum*
Leptotrichum tortile (Schröd.) Hampe = *Ditrichum pusillum*
Leptotrichum vaginans (Sull.) Mol. = *Ditrichum lineare*
Lescurea incurvata (Hedw.) Lawt. = *Pseudoleskea incurvata*
Lescurea mutabilis var. *decipiens* (Limpr.) Mönk. = *L. saxicola*
Lescurea mutabilis var. *saxicola* (Mol.) Br. eur. = *L. saxicola*
Lescurea patens (Lindb.) H. Arn. et C. Jens. = *Pseudoleskea patens*
Lescurea plicata (Web. et Mohr) Broth. = *Ptychodium plicatum*
Lescurea saviana (De Not.) Lawt. = *Pseudoleskea saviana*
Lescurea striata var. *decipiens* (Limpr.) Mönk. = *L. saxicola*
Lescurea striata var. *saxatilis* Vent. = *L. mutabilis*
Lescurea striata var. *saxicola* Schimp. = *L. saxicola*
Leskea atrovirens Trev. = *Pseudoleskea incurvata*
Leskea attenuata Hedw. = *Anomodon attenuatus*
Leskea catenulata (Brid.) Mitt. = *Pseudoleskeella catenulata*
Leskea dendroides Hedw. = *Climacium dendroides*
Leskea fragilis Hook. f. et Wils. = *Haplomyenium triste*
Leskea incurvata Hedw. = *Pseudoleskea incurvata*
Leskea nervosa (Schw.) Myrin = *Pseudoleskeella nervosa*
Leskea pallescens Hedw. = *Hypnum pallescens*

- Leskea paludosa* Hedw. = *L. polycarpa*
Leskea polyantha Hedw. = *Pylaisia polyantha*
Leskea rostrata Hedw. = *Anomodon rostratus*
Leskea rufescens Swaegr. = *Orthothecium rufescens*
Leskea sericea Hedw. = *Homalothecium sericeum* var. *sericeum*
Leskea subnervis Swaegr. = *Myrinia pulvinata*
Leskea subtilis Hedw. = *Amblystegium subtile*
Leskea tectorum (A. Braun.) Lindb. = *Pseudoleskeella tectorum*
Leskea trichomanoides Hedw. = *Homalia trichomanoides*
Leskea tristis Ces. = *Haplodymenium triste*
Leskeella nervosa Loeske = *Pseudoleskeella nervosa*
Leskeobryum brevirostre (Swaegr.) Fleisch. = *Hylocomium brevirostre*
Leskia complanata Hedw. = *Neckera complanata*
Leucobryum albidum (P. Beauv.) Lindb. = *L. juniperoideum*
Leucobryum glaucum ssp. *albidum* (Hedw.) Dixon et Janes = *L. juniperoideum*
Leucodon morensis Swaegr. = *L. sciuroides* var. *morensis*
Limnobia alpinum Schimp. = *Hygrohypnum alpinum*
Limnobia arcticum Sommerf. = *Hygrohypnum smithii*
Limnobia cochlearifolium Vent. = *Hygrohypnum cochlearifolium*
Limnobia dilatatum Wils. = *Hygrohypnum duriusculum*
Limnobia gouldii Schimp. = *Hygrohypnum cochlearifolium*
Limnobia molle De Not. = *Hygrohypnum molle* var. *molle*
Limnobia palustre Br. eur. = *Hygrohypnum luridum* var. *luridum*
Limnobia subsphaericarpon (Schleich.) De Not. = *Hygrohypnum luridum* var. *subsphaericarpon*
Meesia alpina Funck = *M. uliginosa* var. *alpina*
Meesia dealbata Sw. ex Hedw. = *Amblyodon dealbatus*
Meesia minor Brid. = *M. uliginosa* var. *alpina*
Meesia trichodes Spruce = *M. uliginosa* var. *uliginosa*
Meesia trichodes var. *alpina* (Bruch) Braithw. = *M. uliginosa* var. *alpina*
Meesia trichodes var. *minor* (Brid.) Braithw. = *M. uliginosa* var. *alpina*
Meesia tristicha (Funk) Br. eur. = *M. triquetra*
Microbryum floerkeanum Schimp. = *Phascum floerkeanum*
Mielichhoferia elongata (Hoppe et Hornsch. ex Hook.) Hornsch. = *M. mielichhoferiana* var. *elongata*
Mielichhoferia nitida (Funck) Hornsch. = *M. mielichhoferiana*
Mielichhoferia notarisii Mitt. = *Bryum gemmiparum*
Mildeella bryoides (Dicks.) Limpr. = *Pottia bryoides*
Mniobryum albicans (Wahlenb.) Limpr. = *Pohlia wahlenbergii* var. *wahlenbergii*
Mniobryum albicans var. *calcareum* Warnst. = *Pohlia wahlenbergii* var. *calcareum*
Mniobryum albicans var. *glaciale* (Brid.) Limpr. = *Pohlia wahlenbergii* var. *glacialis*
Mniobryum atropurpureum (Wahlenb.) Hag. = *Pohlia atropurpurea*
Mniobryum calcareum Limpr. = *Pohlia wahlenbergii* var. *calcareum*
Mniobryum carneum (L.) Limpr. = *Pohlia melanodon*
Mniobryum delicatulum (Hedw.) Dix. = *Pohlia melanodon*
Mniobryum lutescens (Limpr.) Loeske = *Pohlia lutescens*
Mniobryum vexans Limpr. = *Pohlia vexans*
Mniobryum wahlenbergii (Web. et Mohr) Jenn. = *Pohlia wahlenbergii* var. *wahlenbergii*
Mniobryum wahlenbergii var. *calcareum* (Warnst.) Wijk et Marg. = *Pohlia wahlenbergii* var. *calcareum*

- Mnium affine* Bland. = *Plagiomnium affine*
Mnium affine var. *elatum* B. S. et G. = *Plagiomnium elatum*
Mnium affine var. *medium* (B. S. et G.) Husn. = *Plagiomnium medium*
Mnium affine var. *rugicum* B. S. et G. = *Plagiomnium ellipticum*
Mnium androgynum (Hedw.) L. ex Sm. = *Aulacomnium androgynum*
Mnium caespiticium (Hedw.) With. = *Bryum caespiticium* var. *caespiticium*
Mnium capillare (Hedw.) With. = *Bryum capillare* var. *capillare*
Mnium cinclidioides Blytt. = *Pseudobryum cinclidioides*
Mnium cirratum L. = *Dicranoweisia cirrata*
Mnium cuspidatum Hedw. = *Plagiomnium cuspidatum*
Mnium fontanum L. = *Philonotis fontana*
Mnium hygrometricum L. = *Funaria hygrometrica* var. *hygrometrica*
Mnium hymenophylloides Hüb. = *Cyrtomnium hymenophylloides*
Mnium hymenophyllum B. S. et G. = *Cyrtomnium hymenophyllum*
Mnium inclinatum Lindb. = *M. ambiguum*
Mnium insigne Mitt. = *Plagiomnium elatum*
Mnium longirostre Brid. = *Plagiomnium rostratum*
Mnium lycopodioides Schwaegr. = *M. thomsonii*
Mnium lycopodioides ssp. *orthorrhynchum* (Lindb.) Wijk et Marg. = *M. ambiguum*
Mnium medium B. et S. = *Plagiomnium medium*
Mnium orthorrhynchum Br. eur. = *M. ambiguum*
Mnium orthorrhynchum var. *nivale* Pfeff. = *M. thomsonii*
Mnium palustre L. ex Hedw. = *Aulacomnium palustre* var. *palustre*
Mnium pellucidum L. = *Tetraphis pellucida*
Mnium polytrichoides L. = *Pogonatum nanum*
Mnium proliferum Leyss. = *Rhodobryum roseum*
Mnium pseudopunctatum Bruch = *Rhizomnium pseudopunctatum*
Mnium punctatum Hedw. = *Rhizomnium punctatum*
Mnium punctatum var. *elatum* Schpr. p.p. = *Rhizomnium magnifolium*
Mnium purpureum (Hedw.) L. = *Ceratodon purpureus*
Mnium pyriforme L. = *Leptobryum pyriforme*
Mnium riparium Mitt. = *M. marginatum* var. *dioicum*
Mnium roseum Hedw. = *Rhodobryum roseum*
Mnium rostratum Schrad. = *Plagiomnium rostratum*
Mnium rugicum Laurer = *Plagiomnium ellipticum*
Mnium seligeri Jur. = *Plagiomnium elatum*
Mnium serpyllifolium Neck. = *Rhizomnium punctatum*
Mnium serratum Schrad. = *M. marginatum* var. *marginatum*
Mnium setaceum Pollich = *Barbula convoluta* var. *convoluta*
Mnium subglobosum Br. eur. = *Rhizomnium pseudopunctatum*
Mnium triquetrum L. = *Meesia triquetra*
Mnium turbinatum Hedw. = *Bryum turbinatum*
Mnium undulatum (Hedw.) T. kop. = *Plagiomnium undulatum*
Molendoo hornschiuchiana (Hook.) Lindb. = *Anoetangium hornschiuchianum*
Molendoo sendtneriana (Br. eur.) Limpr. = *Anoetangium sendtnerianum*
Myurella apiculata (Hüb.) Schimp. = *M. tenerima*
Myurella careyana Sull. = *M. sibirica*
Myurella julacea var. *scabrifolia* Lindb. ex Limpr. = *M. julacea*
Neckera attenuata (Hedw.) Myr. = *Anomodon attenuatus*
Neckera besserii (Lob.) Jur. = *Homalia besserii*
Neckera cladorrhizans Hedw. = *Entodon cladorrhizans*

- Neckera curtipendula* Timm, ex Hedw. = *Antitrichia curtipendula*
Neckera gennati Rota = *Metaneckera menziesii*
Neckera heteromalla Hedw. = *Cryphaea heteromalla*
Neckera lejophylla Güm. = *Homalia besseri*
Neckera menziesii Hook. = *Metaneckera menziesii*
Neckera menziesii var. *turgida* (Jur.) Giac. = *Metaneckera menziesii*
Neckera perpusilla C. Müll. = *Habrodon perpusillus*
Neckera sendtneriana B. S. et G. = *Homalia besseri*
Neckera turgida Jur. = *Metaneckera menziesii*
Neckera viticulosa Leys = *Anomodon viticulosus*
Neckeradelphus menziesii (Hook.) Swere = *Metaneckera menziesii*
Notarisia italica Hampe = *Pycomitrium incurvum*
Octodiceras julianum (Savi) Brid. = *O. fontanum*
Oligotrichum incurvum Lindb. = *O. hercynicum*
Oncophorus glaucus Bruch = *Leucobryum glaucum*
Oncophorus sardous Herz. = *O. wahlenbergii*
Oreoweisia bruntanii (Smith.) Milde = *Cynodontium bruntanii*
Oreoweisia serrulata (Funk) De Not. = *O. torquescens*
Orthodicranum flagellare Hedw. = *Dicranum flagellare*
Orthodicranum montanum (Hedw.) Loeske = *Dicranum montanum*
Orthodicranum strictum Broth. = *Dicranum tauricum*
Orthothecium binervium Mol. = *O. strictum*
Orthothecium durieui (Mont.) Besch. = *Rhynchostegiella durieui*
Orthotrichum aetnense De Not. = *O. rupestre* var. *rupestre*
Orthotrichum affine var. *neglectum* (Vent.) Vent. = *O. affine* var. *fastigiatum*
Orthotrichum appendiculatum Schimp. = *O. affine* var. *fastigiatum*
Orthotrichum arnellii Grönv. = *O. pallens* var. *pallens*
Orthotrichum braunii Br. eur. = *O. stellatum*
Orthotrichum caespitosum Herz. = *O. rupestre* var. *rupestre*
Orthotrichum coarctatum P. Beauv. = *Ulota coarctata*
Orthotrichum crispulum Hornsch. = *Ulota crispa*
Orthotrichum crispum Bruch = *Ulota crispa*
Orthotrichum fallax Schimp. = *O. pumilum*
Orthotrichum fallax var. *philibertii* Vent. = *O. philibertii*
Orthotrichum fastigiatum Brid. = *O. affine* var. *fastigiatum*
Orthotrichum franzonianum (De Not.) Vent. = *O. rupestre* var. *franzonianum*
Orthotrichum hutchinsiae Sm. = *Ulota hutchinsiae*
Orthotrichum killaisii C. Müll. = *O. speciosum*
Orthotrichum lejocarpum B. S. et G. = *O. striatum*
Orthotrichum leucomitrium Br. eur. = *O. scanicum*
Orthotrichum ludwigii Brid. = *Ulota coarctata*
Orthotrichum nigrum B. S. et G. = *Ulota hutchinsiae*
Orthotrichum nudum Dicks. = *O. cupulatum* var. *riparium*
Orthotrichum nudum var. *rudolphianum* Vent. = *O. cupulatum* var. *riparium*
Orthotrichum octoblephare Brid. = *O. affine* var. *affine*
Orthotrichum octoblephare ssp. *fastigiatum* (Bruch) Giac. = *O. affine* var. *fastigiatum*
Orthotrichum pallens var. *parvum* Vent. = *O. microcarpum*
Orthotrichum pallidum Grönv. = *O. pallens* var. *pallens*
Orthotrichum paradoxum Grönv. = *O. pallens* var. *paradoxum*
Orthotrichum perforatum Limpr. = *O. limprichtii*
Orthotrichum pumilum var. *fallax* (Bruch) Kickx. = *O. pumilum*

- Orthotrichum pumilum* var. *philibertii* Vent. = *O. philibertii*
Orthotrichum rogeri var. *defluens* Vent. = *O. rogeri*
Orthotrichum sardagnanum Vent. = *O. cupulatum* var. *sardagnanum*
Orthotrichum saxatile Brid. = *O. anomalum*
Orthotrichum schimperi Hammar = *O. pumilum*
Orthotrichum schubertianum Lor. = *O. urnigerum* var. *schubertianum*
Orthotrichum shawii Wils. = *O. striatum*
Orthotrichum speciosum ssp. *killaisii* (C. Müll.) Giac. = *O. speciosum*
Orthotrichum stramineum ssp. *patens* (Bruch) Giac. = *O. patens*
Orthotrichum stramineum var. *defluens* Vent. = *O. stramineum*
Orthotrichum stramineum var. *vexabile* Limpr. = *O. stramineum*
Orthotrichum strangulatum P. Beauv. = *O. cupulatum* var. *cupulatum*
Orthotrichum sturmii Hoppe et Hornsch. = *O. rupestris* var. *sturmii*
Orthotrichum subalpinum Limpr. = *O. rogeri*
Orthotrichum tomentosum Glow. = *O. cupulatum* var. *cupulatum*
Orthotrichum venturii De Not. = *O. urnigerum* var. *venturii*
Oxyrrhynchium hians (Hedw.) Loeske = *Eurhynchium hians* var. *hians*
Oxyrrhynchium pallidirostris (Brid.) Wijk et Marg. = *Eurhynchium pumilum*
Oxyrrhynchium praelongum (Hedw.) Warnst. = *Eurhynchium praelongum* var. *praelongum*
Oxyrrhynchium praelongum var. *stokesii* (Turn.) Podp. = *Eurhynchium praelongum* var. *stokesii*
Oxyrrhynchium pumilum (Wils.) Loeske = *Eurhynchium pumilum*
Oxyrrhynchium rusciforme (Neck.) Warnst. = *Rhynchostegium riparioides*
Oxyrrhynchium schleicheri (Hedw. f.) Röhl = *Eurhynchium schleicheri*
Oxyrrhynchium speciosum (Brid.) Warnst. = *Eurhynchium speciosum*
Oxyrrhynchium swartzii (Turn.) Warnst. = *Eurhynchium hians* var. *hians*
Oxyrrhynchium swartzii var. *robustum* Limpr. = *Eurhynchium hians* var. *rigidum*
Oxystegus cylindricus (Bruch ex Brid.) A. J. E. Sm. = *O. tenuirostris*
Paraleucobryum fulvum (Hook.) Loeske = *Dicranum fulvum*
Paraleucobryum longifolium ssp. *sauteri* (Schimp.) C. Jens. = *P. sauteri*
Pseudoleskea atrovirens (Dicks.) Br. cur. = *P. incurvata*
Phascum acaulon L. = *P. cuspidatum*
Phascum acaulon var. *mitraeforme* Limpr. = *P. cuspidatum* var. *mitraeforme*
Phascum alternifolium Dicks. = *Archidium alternifolium*
Phascum axillare Dicks. ex Sm. = *Pseudephemerum nitidum*
Phascum badium Voit = *P. floerkeanum*
Phascum bruchii Spreng. = *Archidium alternifolium*
Phascum bryoides Dicks. = *Pottia bryoides*
Phascum bulbosum var. *minimum* De Not. = *Acaulon triquetrum*
Phascum bulbosum var. *piligerum* De Not. = *Acaulon piligerum*
Phascum carniolicum Web. et Mohr = *Aschisma carniolicum*
Phascum crispum Hedw. = *Weissia longifolia*
Phascum heterophyllum De Not. = *Ephemerium cohaerens*
Phascum intermedium Bals. et De Not. = *Pleuridium subulatum*
Phascum mitraeforme Warnst. = *P. cuspidatum* var. *mitraeforme*
Phascum muticum Schreb. = *Acaulon muticum*
Phascum muticum var. *piligerum* De Not. = *Acaulon piligerum*
Phascum nitidum Hedw. = *Pseudephemerum nitidum*
Phascum patens Hedw. = *Aphanorhegma patens*
Phascum piliferum Schreb. = *P. cuspidatum* var. *piliferum*

- Phascum piligerum* De Not. = *Acaulon piligerum*
Phascum rectum With. = *Poasia recta*
Phascum serratum Schreb. = *Ephemerum serratum* var. *serratum*
Phascum subulatum L. ex Web. et Mohr = *Pleuridium acuminatum*
Phascum subulatum Schreb. = *Pleuridium subulatum*
Phascum triquetrum Spruce = *Acaulon triquetrum*
Philonotis alpicola Jur. = *P. tomentella*
Philonotis capillaris Lindb. = *P. arnellii*
Philonotis confervoides Zedda = *P. arnellii*
Philonotis crassicosuata Warnst. = *P. calcarea*
Philonotis falcata (Hook.) Brid. = *P. calcarea*
Philonotis fontana var. *caespitosa* (Jur.) Limpr. = *P. caespitosa*
Philonotis fontana var. *capillaris* (Lindb.) Lindb. = *P. arnellii*
Philonotis fontana var. *falcata* Brid. = *P. calcarea*
Philonotis fontana var. *pumila* (Turn.) Brid. = *P. tomentella*
Philonotis laxa Limpr. = *P. marchica*
Philonotis ryanii Philib. = *P. arnellii*
Physcomitrella patens (Hedw.) B. et S. = *Aphanorhegma patens*
Physcomitrium acuminatum (Schleich.) Br. eur. = *P. eurytomum*
Physcomitrium curvisetum (Schwaegr.) B. S. et G. = *Funariella curviseta*
Physcomitrium fasciculare Brid. = *Entosthodon fascicularis*
Plagiomnium rugicum (Laur.) Kop. = *P. ellipticum*
Plagiotheciella pilifera (Sw.) Fleisch. = *Plagiothecium piliferum*
Plagiothecium borneri Spruce = *Pseudotaxiphyllum elegans*
Plagiothecium bottinii (Brid.) Br. et Vent. = *Sematophyllum bottinii*
Plagiothecium demissum (Wils.) Dix. = *Sematophyllum demissum*
Plagiothecium denticulatum ssp. *laetum* (B. S. et G.) Kindb. = *P. laetum*
Plagiothecium denticulatum var. *donii* Lindb. = *P. denticulatum* var. *obtusifolium*
Plagiothecium denticulatum var. *gravelii* (Piré) Husn. = *P. laetum*
Plagiothecium denticulatum var. *laetum* (B. S. et G.) Limpr. = *P. laetum*
Plagiothecium denticulatum var. *myurum* B. S. et G. = *P. cavifolium*
Plagiothecium denticulatum var. *sublaetum* Lindb. = *P. laetum*
Plagiothecium denticulatum var. *tenellum* Br. eur. = *P. laetum*
Plagiothecium depressum (Bruch) Dix. = *Taxiphyllum wissgrillii*
Plagiothecium elegans (Hook.) Sull. = *Pseudotaxiphyllum elegans*
Plagiothecium incurvatum (Schrad.) De Not. = *Homomallium incurvatum*
Plagiothecium muellerianum Schimp. = *Isopterygiopsis muelleriana*
Plagiothecium muhlenbeckii Schimp. = *Herzogiella striatella*
Plagiothecium nanum Jur. = *Pseudotaxiphyllum elegans*
Plagiothecium neglectum Mönk. = *P. nemorale*
Plagiothecium nitidulum Wahlenb. = *Isopterygiopsis pulchella* var. *nitidula*
Plagiothecium pulchellum (Hedw.) Schimp. = *Isopterygiopsis pulchella* var. *pulchella*
Plagiothecium pulchellum var. *nitidulum* (Wahlenb.) Ren. et Card. = *Isopterygiopsis pulchella* var. *nitidula*
Plagiothecium repens (Pollich.) Lindb. = *Herzogiella seligeri*
Plagiothecium roeseanum (Hampe) Br. eur. = *P. cavifolium*
Plagiothecium ruthei var. *pseudosilvaticum* Warnst. = *P. ruthei*
Plagiothecium ruthei var. *rupicola* Limpr. = *P. platyphyllum*
Plagiothecium silesiacum (P. Beauv.) Br. eur. = *Herzogiella seligeri*
Plagiothecium sylvaticum (Brid.) B. S. et G. = *P. nemorale*
Plagiothecium sylvaticum var. *aurium* Kern. = *P. ruthei*

- Plagiothecium sylvaticum* var. *orthocladium* (B. S. et G.) Schimp. = *P. cavifolium*
Plagiothecium sylvaticum var. *roesei* Lindb. = *P. cavifolium*
Plasteurhynchium duriaeum (Mont.) Allorge = *Eurhynchium meridionale*
Plasteurhynchium meridionale (Schimp.) Fleisch. = *Eurhynchium meridionale*
Plasteurhynchium striatulum (Spruce) Fleisch. = *Eurhynchium striatulum*
Platydictya confervoides (Brid.) Crum = *Amblystegium confervoides*
Platyhypnidium rusciforme (Hedw.) Podp. = *Rhynchostegium riparioides*
Pleuridium alternifolium Aut. var. = *P. subulatum*
Pleuridium nitidum Br. et Sch. = *Pseudephemerum nitidum*
Pleuridium subulatum (Huds.) Br. eur. = *P. acuminatum*
Pogonatum aloides var. *longisetum* (Hampe) Br. eur. = *P. aloides* var. $\times$ *longisetum*
Pogonatum aloides var. *minimum* (Crom.) Mol. = *P. aloides* var. $\times$ *minimum*
Pogonatum alpinum (Hedw.) Röhl. = *Polytrichum alpinum*
Pogonatum alpinum var. *arcticum* (Schröd.) Brid. = *Polytrichum alpinum* var. *arcticum*
Pogonatum briosianum Farn. = *P. aloides* var. *obtusifolium*
Pohlia albicans Schimp. = *P. wahlenbergii* var. *wahlenbergii*
Pohlia annotina var. *glareola* (Ruthe ex Grebe) Warnst. = *P. andalusica*
Pohlia brachycarpa Spreng. = *P. elongata* var. *elongata*
Pohlia cirrhifera De Not. = *Bryum imbricatum*
Pohlia commutata (Schimp.) Lindb. = *P. drummondii*
Pohlia commutata var. *filum* Schimp. = *P. drummondii*
Pohlia cucullata (Schwaeagr.) Lindb. = *P. obtusifolia*
Pohlia delicatula (Hedw.) Grout = *P. melanodon*
Pohlia dimorpha De Not. = *P. elongata* var. *polymorpha*
Pohlia gracilis (Schleich.) Lindb. = *P. erecta*
Pohlia grandiflora Lindb. = *P. annotina*
Pohlia inclinata Sw. ex Brid. = *Bryum imbricatum*
Pohlia laete-virens De Not. = *P. obtusifolia*
Pohlia minor Schwaeagr. = *P. elongata* var. *elongata*
Pohlia minor ssp. *acuminata* (Hoppe et Hornsch.) Wijk et Marg. = *P. elongata* var. *acuminata*
Pohlia payotii (Schimp.) Web. et Mohr = *Anomobryum julaceum* var. *julaceum*
Pohlia polymorpha Hoppe et Hornsch. = *P. elongata* var. *polymorpha*
Pohlia polymorpha var. *brachycarpa* (Hoppe et Hornsch.) Hüb. = *P. elongata* var. *elongata*
Pohlia rothii (Cott. ex Limpr.) Broth. = *P. andalusica*
Pohlia torrentium (L. Hag.) Broth. = *P. erecta*
Pohlia zierii Schwaeagr. = *Plagiobryum zierii*
Polytrichum aloefolium Scop. = *Pogonatum aloides*
Polytrichum aloides Hedw. = *Pogonatum aloides*
Polytrichum alpestre Hoppe = *P. strictum*
Polytrichum angustatum Brid. = *Atrichum angustatum*
Polytrichum apocarpum Scop. = *Orthotrichum striatum*
Polytrichum arcticum Schröd. = *P. alpinum* var. *arcticum*
Polytrichum attenuatum Menz. = *P. formosum*
Polytrichum commune ssp. *perigoniale* (Michx.) Hampe = *P. commune* var. *perigoniale*
Polytrichum commune var. *minus* De Not. = *P. commune* var. *humilis*
Polytrichum commune var. *nigrescens* (Warnst.) Hag. = *P. swartzii*
Polytrichum controversum Brid. = *Atrichum undulatum*

- Polytrichum decipiens* Limpr. = *P. pallidisetum*
Polytrichum dubium Scop. = *Pogonatum urnigerum*
Polytrichum formosum var. *pallidisetum* (Funck) Stendel = *P. pallidisetum*
Polytrichum gracile Menz. = *P. longisetum*
Polytrichum hercynicum Hedw. = *Oligotrichum hercynicum*
Polytrichum hoppei Hornsch. = *P. piliferum* var. *hoppei*
Polytrichum juniperinum ssp. *strictum* (Brid.) Nyl. et Sael. = *P. strictum*
Polytrichum juniperinum var. *strictum* (Brid.) Röhl. = *P. strictum*
Polytrichum nanum Hedw. = *Pogonatum nanum*
Polytrichum norvegicum Hedw. = *P. sexangulare*
Polytrichum ohioense Ren. et Card. = *P. pallidisetum*
Polytrichum perigoniale Michx. = *P. commune* var. *perigoniale*
Polytrichum septentrionale Sw. = *P. alpinum* var. *septentrionale*
Polytrichum subrotundum Huds. = *Pogonatum nanum*
Polytrichum undulatum Hedw. = *Atrichum undulatum*
Polytrichum urnigerum L. ex Hedw. = *Pogonatum urnigerum*
Pottia cavifolia Ehrh. = *Pterygoneurum ovatum*
Pottia combae De Not. = *P. wilsonii*
Pottia cuneifolia Solms ex Schimp. = *P. crinita*
Pottia davalliana ssp. *commutata* (Limpr.) Podp. = *P. commutata*
Pottia eustoma var. *subcylindrica* Br. eur. = *P. intermedia*
Pottia heimii (Hedw.) Hampe = *Desmatodon heimii*
Pottia intermedia var. *corsa* Fleisch. et Warnst. = *P. pallida*
Pottia lanceolata var. *gymnostoma* Schimp. = *P. intermedia*
Pottia lanceolata var. *intermedia* Schimp. = *P. intermedia*
Pottia latifolia (Schwaegr.) C. Müll. = *Stegonia latifolia*
Pottia latifolia var. *pilifera* (Brid.) C. Müll. = *Stegonia latifolia* var. *pilifera*
Pottia littoralis Mitt. = *P. intermedia*
Pottia minutula (Schwaegr.) Br. eur. = *P. davalliana*
Pottia minutula var. *conica* (Schwaegr.) B. S. et G. = *P. davalliana* var. *conica*
Pottia minutula var. *oblonga* B. S. et G. = *P. davalliana*
Pottia mutica Vent. = *P. davalliana* var. *brachyoda*
Pottia notarissii Schimp. = *P. crinita*
Pottia propagulifera Herz. = *P. crinita*
Pottia pusilla (Hedw.) Lindb. = *Pterygoneurum ovatum*
Pottia rufescens (Schultz) Fühnr. ex Warnst. = *P. davalliana*
Pottia rufescens ssp. *conica* (Schwaegr.) Giac. = *P. davalliana* var. *conica*
Pottia starkeana var. *brachyoda* (B. S. et G.) C. Müll. = *P. davalliana* var. *brachyoda*
Pottia starkei (Hedw.) C. Müll. = *P. starkeana*
Pottia truncata var. *intermedia* (Turn.) Ångstr. = *P. intermedia*
Pottia truncata var. *littoralis* (Mitt.) Corb. = *P. intermedia*
Pottia truncata var. *major* (Web. et Mohr) B. S. et G. = *P. intermedia*
Pottia truncatula (L.) Lindb. = *P. truncata*
Pottia venusta Jur. = *P. pallida*
Pottia viridifolia Mitt. = *P. crinita*
Pseudoisothecium myosuroides (Brid.) Grout = *Isothecium myosuroides*
Pseudoleskea atrovirens ssp. *patens* (Lindb.) Giac. = *P. patens*
Pseudoleskea atrovirens var. *brachyclados* (Schwaegr.) Loeske = *P. radicata* var. *radicata*
Pseudoleskea atrovirens var. *decipiens* Bott. = *Lescuraea saxicola*
Pseudoleskea brachyclados (Schwaegr.) Loeske = *P. radicata* var. *radicata*

- Pseudoleskea catenulata* (Schr.) B. S. et G. = *Pseudoleskeella catenulata*
Pseudoleskea decipiens (Limpr.) Loeske = *Lescurea saxicola*
Pseudoleskea denudata (Kindb.) Best = *P. radicata* var. *denudata*
Pseudoleskea filamentosa Dicks. = *P. incurvata*
Pseudoleskea illyrica Glow. = *P. saviana*
Pseudoleskea rigescens Lindb. = *P. radicata* var. *radicata*
Pseudoleskea tectorum Schimp. = *Pseudoleskeella tectorum*
Pseudoleskea ticinensis Bott. = *P. patens*
Pseudoleskeopsis artariae (Thér.) Thér. = *Pseudoleskea artariae*
Pseudoscleropodium purum Fleisch. = *Scleropodium purum*
Pseudostereodon procerrimum (Mol.) Fleisch. = *Ctenidium procerrimum*
Pterigynandrum filiforme var. *decipiens* (Web. et Mohr) Limpr. = *P. filiforme* var. *majus*
Pterigynandrum filiforme var. *heteropterum* Br. eur. = *P. filiforme* var. *majus*
Pterigynandrum gracile Hedw. = *Pterogonium gracile*
Pterigynandrum heteropterum Brid. = *P. filiforme* var. *majus*
Pterigynandrum smithii (Hedw.) Lam. et Cand. = *Leptodon smithii*
Pterigynandrum sciuroides Hedw. = *Leucodon sciuroides*
Pterigynandrum striatum (Schwaegr.) Dub. = *Lescurea mutabilis*
Pterogonium filiforme (Hedw.) Schwaegr. = *Pterigynandrum filiforme* var. *filiforme*
Pterogonium ornihopodioides (Hedw.) Lindb. = *P. gracile*
Pterogonium perpusillum De Not. = *Habrodon perpusillum*
Pterogonium repens Brid. = *Platygyrium repens*
Pterogonium smithii (Hedw.) Sm. = *Leptodon smithii*
Pterygoneurum cavifolium (Ehrh.) Jur. = *P. ovatum*
Pterygophyllum lucens (L.) Brid. = *Hookeria lucens*
Ptychodium decipiens Limpr. = *Lescurea saxicola*
Ptychodium pfundneri Limpr. = *Pseudoleskea radicata* var. *radicata*
Ptychomitrium glyphomitrioides (Bals. et De Not.) Vent. et Bott. = *P. incurvum*
Ptychomitrium nigricans var. *albidens* Zedda = *P. nigrescens*
Ptychomitrium pusillum Schimp. = *P. incurvum*
Ptychostomum compactum Hornsch. = *Bryum algovicum*
Pylaisia binervula Mol. = *Orthothecium strictum*
Pylaisia bollei De Not. = *Orthothecium intricatum*
Pylaisia intricata (Hartm.) Vent. et Bott. = *Orthothecium intricatum*
Pylaisia rufescens (Schwaegr.) Schimp. = *Orthothecium rufescens*
Pyramidium tetragonum Brid. = *Pyramidula tetragona*
Racomitrium canescens var. *ericoides* Br. eur. = *R. ericoides*
Racomitrium cataractarum Brid. = *R. aquaticum*
Racomitrium funale Hüb. = *Grimmia funalis*
Racomitrium heterostichum ssp. *affine* (Web. et Mohr) Amann = *R. affine*
Racomitrium heterostichum var. *obtusum* (Retz. ex Brid.) Delogn. = *R. obtusum*
Racomitrium hypnoides (L.) Lindb. = *R. lanuginosum*
Racomitrium incurvum Hüb. = *Grimmia elatior*
Racomitrium patens Schimp. = *Dryptodon patens*
Racomitrium polyphyllum Brid. = *Ptychomitrium polyphyllum*
Racomitrium protensum A. Braun = *R. aquaticum*
Racomitrium riparium (Brid.) Brid. = *Cinclidotus riparius*
Racomitrium toruloides Herz. = *R. canescens*
Rhabdoweisia denticulata (Brid.) Br. eur. = *R. crispata*
Rhabdoweisia striata (Schr.) Kindb. = *R. fugax*

- Rhabdoweisia welwitschii* Schimp. = *Sematophyllum substrumulosum*
Rhabdoweisia wimmeriana Schimp. = *Weissia wimmeriana*
Rhaphidostegium bottinii Mönk. = *Sematophyllum bottinii*
Rhaphidostegium demissum De Not. = *Sematophyllum demissum*
Rhaphidostegium welwitschii Schimp. = *Sematophyllum substrumulosum*
Rhodobryum spathulatum (Hornsch.) Pocs = *R. ontariense*
Rhynchostegiella algeriana Broth. = *R. tenella* var. *tenella*
Rhynchostegiella compacta (C. Muell.) Loeske = *Conardia compacta*
Rhynchostegiella litorea (De Not.) Limpr. = *R. tenella* var. *litorea*
Rhynchostegiella pallidirostra (Bridl.) Loeske = *Eurhynchium pumilum*
Rhynchostegiella pumila (Wils.) Warb. = *Eurhynchium pumilum*
Rhynchostegiella teesdalei (Kindb.) Limpr. = *R. jacquinii*
Rhynchostegiella tenella fo. *meridionalis* (Boul.) Zodda = *R. tenella* var. *litorea*
Rhynchostegium algerianum Lindb. = *Rhynchostegiella tenella* var. *tenella*
Rhynchostegium circinatum (Brid.) De Not. = *Scorpiurium circinatum*
Rhynchostegium circinatum var. *deflexifolium* (Solms) Briz. = *Scorpiurium deflexifolium*
Rhynchostegium cirrosum De Not. = *Cirriphyllum cirrosum*
Rhynchostegium crassinervium (Tayl.) De Not. = *Eurhynchium crassinervium*
Rhynchostegium curvisetum (Brid.) Schimp. = *Rhynchostegiella curviseta*
Rhynchostegium curvisetum var. *litoreum* Vent. et Bott. = *Rhynchostegiella tenella* var. *litorea*
Rhynchostegium demissum Br. eur. = *Sematophyllum demissum*
Rhynchostegium depressum (Bruch) Schimp. = *Taxiphyllum wissgrillii*
Rhynchostegium litoreum Bott. = *Rhynchostegiella tenella* var. *litorea*
Rhynchostegium mediterraneum Jur. = *Rhynchostegiella tenella* var. *litorea*
Rhynchostegium megapolitanum ssp. *meridionale* (Schimp.) Giac. = *R. megapolitanum* var. *meridionale*
Rhynchostegium meridionale De Not. = *Eurhynchium meridionale*
Rhynchostegium myosuroides (Brid.) De Not. = *Isothecium myosuroides*
Rhynchostegium piliferum De Not. = *Cirriphyllum piliferum*
Rhynchostegium praecox De Not. = *Eurhynchium pulchellum* var. *praecox*
Rhynchostegium praelongum De Not. = *Eurhynchium praelongum* var. *praelongum*
Rhynchostegium praelongum var. *macrocarpon* Schimp. = *Eurhynchium speciosum*
Rhynchostegium praelongum var. *rigidum* Boul. = *Eurhynchium hians* var. *rigidum*
Rhynchostegium praelongum var. *schleicheri* (Hodw. f.) Briz. = *Eurhynchium schleicheri*
Rhynchostegium praelongum var. *swartzii* (Turn.) Vent. et Bott. = *Eurhynchium hians* var. *hians*
Rhynchostegium pumilum (Wils.) De Not. = *Eurhynchium pumilum*
Rhynchostegium rusciforme (Neck.) Br. eur. = *R. riparioides*
Rhynchostegium speciosum (Brid.) Vent. et Bott. = *Eurhynchium speciosum*
Rhynchostegium stokesii De Not. = *Eurhynchium praelongum* var. *stokesii*
Rhynchostegium striatulum (Spruce) De Not. = *Eurhynchium striatulum*
Rhynchostegium striatum (Hodw.) De Not. = *Eurhynchium striatum*
Rhynchostegium strigosum (Web. et Mohr) De Not. = *Eurhynchium pulchellum* var. *pulchellum*
Rhynchostegium teesdalei Schimp. = *Rhynchostegiella teesdalei*
Rhynchostegium tenellum (Dicks.) Br. eur. = *Rhynchostegiella tenella* var. *tenella*
Rhynchostegium welwitschii Schimp. = *Sematophyllum substrumulosum*
Rhytidadelphus calvescens (Wils.) Broth. = *R. subpinnatus*

- Saelania caesia* (Vill.) Lindb. = *S. glaucescens*
Schistidium alpicola (Hedw.) Limpr. = *S. agassizii*
Schistidium alpicola ssp. *angustum* (Hag.) Giac. = *S. agassizii*
Schistidium alpicola var. *eualpicola* Loeske = *S. agassizii*
Schistidium alpicola var. *latifolia* (Zett.) Limpr. = *S. rivulare* ssp. *latifolium*
Schistidium alpicola var. *rivulare* (Brid.) Wahlenb. = *S. rivulare*
Schistidium anodon (B. et S.) Loeske = *Grimmia anodon*
Schistidium apocarpum ssp. *atrofuscum* (Schimp.) Loeske = *S. atrofuscum*
Schistidium apocarpum ssp. *brunnescens* (Limpr.) Loeske = *S. brunnescens*
Schistidium apocarpum ssp. *confertum* (Funck) Loeske = *S. apocarpum* var. *confertum*
Schistidium apocarpum ssp. *gracile* (Röll.) Meyl. = *S. strictum*
Schistidium apocarpum ssp. *vulgare* (Chalub.) Loeske = *S. apocarpum*
Schistidium apocarpum var. *brevideus* De Not. = *S. atrofuscum*
Schistidium apocarpum var. *gracilis* (Schwaegr.) Web. et Mohr = *S. strictum*
Schistidium apocarpum var. *pulvinatum* (Hedw.) C. Jens. = *Grimmia anodon*
Schistidium apocarpum var. *rivularis* Web. et Mohr = *S. rivulare*
Schistidium apocarpum fo. *atrum* De Not. = *S. rivulare*
Schistidium ciliatum (Hedw.) Brid. = *Hedwigia ciliata*
Schistidium confertum B. S. et G. = *S. apocarpum* var. *confertum*
Schistidium gracile (Schleich.) Limpr. = *S. strictum*
Schistidium imberbe Brid. = *Hedwigia integrifolia*
Schistidium pulvinatum (Hedw.) Brid. = *Grimmia anodon*
Schistidium teretinerve Limpr. = *Grimmia teretinervis*
Schistostega osmundacea (Dicks.) Web. et Mohr = *S. pennata*
Scleropodium ambiguum De Not. = *S. touretii* var. *touretii*
Scleropodium caespitosum (Wils.) Br. eur. = *S. caespitosum*
Scleropodium calophyllum var. *attenuatum* Grout = *S. touretii* var. *calophyllum*
Scleropodium illecebrum (Vaill.) Br. eur. = *S. touretii* var. *touretii*
Scorpiurium circinatum ssp. *deflexifolium* (Solms) Giac. = *S. deflexifolium*
Scorpiurium leskeoides Suse = *S. sendtneri*
Seligeria acuta (Hedw.) De Not. = *Blindia acuta*
Seligeria donnii Lindb. = *S. donniana*
Seligeria setacea (Wulf.) Lindb. = *S. recurvata* var. *recurvata*
Seligeria setacea var. *erecta* Philib. = *S. recurvata* var. *pumila*
Seligeria tristicha (Brid.) Br. eur. = *S. trifaria*
Serpoleskea sprucei (Bruch) Loeske = *Platydictya jungermannioides*
Sphaerangium mediterraneum (Limpr.) Par. = *Acaulon muticum* var. *mediterraneum*
Sphaerangium muticum (Hedw.) Schimp. = *Acaulon muticum*
Sphaerangium muticum var. *cuspidatum* Schimp. = *Acaulon piligerum*
Sphaerangium muticum var. *piligerum* Jäg. = *Acaulon piligerum*
Sphaerangium triquetrum Schimp. = *Acaulon triquetrum*
Sphagnum acutifolium Ehrh. ex Schrad. = *S. capillifolium*
Sphagnum acutifolium var. *fuscum* Schimp. = *S. fuscum*
Sphagnum alpinum L. = *Campylopus flexuosus*
Sphagnum amblyphyllum Russ. = *S. flexuosum*
Sphagnum arboreum L. = *Cryphaea heteromalla*
Sphagnum auriculatum Schimp. = *S. denticulatum*
Sphagnum brevifolium (Lindb.) Röll. = *S. fallax*
Sphagnum contortum var. *rufescens* Nees = *S. denticulatum* var. *rufescens*
Sphagnum crassicaudum Warnst. = *S. denticulatum* var. *rufescens*

- Sphagnum cymbifolium* (Ehrh.) Hedw. = *S. palustre*
Sphagnum dusenii Warnst. = *S. majus*
Sphagnum imbricatum Hornsch. ex Russ. = *S. affine*
Sphagnum inundatum Russ. = *S. denticulatum* var. *inundatum*
Sphagnum klinggraeffii Röll = *S. palustre*
Sphagnum laricinum Spruce = *S. contortum*
Sphagnum latifolium Hedw. = *S. palustre*
Sphagnum lescurii Sull. = *S. denticulatum*
Sphagnum lescurii var. *inundatum* (Russ.) Döll = *S. denticulatum* var. *inundatum*
Sphagnum limprichtii Röll = *S. obtusum*
Sphagnum medium Limpr. = *S. magellanicum*
Sphagnum molluscum Bruch = *S. tenellum*
Sphagnum monocladium Warnst. = *S. cuspidatum*
Sphagnum nemoreum Scop. = *S. capillifolium*
Sphagnum obesum Wils. = *S. denticulatum* var. *rufescens*
Sphagnum parvifolium (Sendtn.) Warnst. = *S. angustifolium*
Sphagnum plumulosum Röll = *S. subnitens*
Sphagnum recurvum P. Beauv. = *S. fallax*
Sphagnum recurvum var. *amblyphyllum* Russ. = *S. flexuosum*
Sphagnum recurvum var. *majus* (Ångstr. ex Warnst.) Warnst. = *S. flexuosum*
Sphagnum recurvum var. *tenue* Klinggr. = *S. angustifolium*
Sphagnum rigidum (Nees et Hornsch.) Schimp. = *S. compactum*
Sphagnum rigidum var. *compactum* (Lam. et Cand.) Schimp. = *S. compactum*
Sphagnum robustum Röll = *S. russowii*
Sphagnum rothii var. *tenue* Röll = *S. angustifolium*
Sphagnum rufescens Nees et Hornsch. = *S. denticulatum* var. *rufescens*
Sphagnum schimperi Röll = *S. capillifolium* var. *schimperi*
Sphagnum schlephackei var. *capitatum* Röll = *S. cuspidatum*
Sphagnum schlephackei var. *fibrosum* (Schlieph.) Röll = *S. fallax*
Sphagnum subbicolor Hampe = *S. centrale*
Sphagnum subsecundum ssp. *platyphyllum* Nees = *S. platyphyllum*
Sphagnum subsecundum var. *contortum* Schultze = *S. contortum*
Sphagnum subsecundum var. *rufescens* (Nees et Hornsch.) Hüb. = *S. denticulatum* var. *rufescens*
Sphagnum tenerum Warnst. = *S. capillifolium* var. *schimperi*
Sphagnum turgidum Röll = *S. denticulatum* var. *rufescens*
Splachnum angustatum L. = *Tetraplodon angustatus*
Splachnum froehlichianum Hedw. = *Tayloria froehlichiana*
Splachnum pedunculatum (Huds.) Lindb. = *S. sphaericum*
Splachnum serratum Hedw. = *Tayloria serrata*
Splachnum tenue Hook. et Tayl. = *Tayloria tenuis*
Stereodon arcuatum Lindb. = *Hypnum lindbergii*
Stereodon callichrous (Brid.) Braithw. = *Hypnum callichroum*
Stereodon fastigiatum Brid. = *Hypnum recurvum*
Stereodon fertile (Sendtn.) Lindb. = *Hypnum fertile*
Stereodon haldanianus (Grev.) Lindb. ex Broth. = *Callicladium haldanianum*
Stereodon incurvatus Schrad. = *Homomallium incurvatum*
Stereodon lindbergii (Lindb.) Brid. = *Hypnum lindbergii*
Stereodon purum L. = *Scleropodium purum*
Stereodon revolutus Mitt. = *Hypnum revolutum*
Stereodon vaucheri (Lesq.) Lindb. ex Broth. = *Hypnum vaucheri*

- Streblotrichum convolutum* (Hedw.) P. Beauv. = *Barbula convoluta* var. *convoluta*
Streblotrichum convolutum var. *commutatum* (Jur.) Amann = *Barbula convoluta* var. *commutata*
Streblotrichum convolutum var. *sardoa* (B. S. et G.) Podp. = *Barbula convoluta* var. *commutata*
Streblotrichum croceum (Brid.) Loeske = *Barbula crocea*
Streblotrichum paludosum Amann = *Barbula crocea*
Streblotrichum tenue (De Not.) Loeske = *Leptobarbula berica*
Stylostegium caespiticium (Web. et Mohr) B. S. et G. = *Blindia caespiticia*
Swartzia capillacea (Hedw.) Brid. = *Distichium capillaceum*
Swartzia inclinata (Hedw.) P. Beauv. = *Distichium inclinatum*
Syntrichia alpina (B. et S.) Jur. = *Tortula sinensis*
Syntrichia alpina var. *inermis* Milde = *Tortula fragilis*
Syntrichia inermis (Brid.) Bruch = *Tortula inermis*
Syntrichia laevipila Brid. = *Tortula laevipila*
Syntrichia laevipila var. *laevipiliformis* De Not. = *Tortula laevipila* var. *laevipiliformis*
Syntrichia montana Nees = *Tortula intermedia*
Syntrichia mucronifolia (Schwaegr.) Brid. = *Tortula mucronifolia*
Syntrichia muralis Hedw. = *Tortula muralis*
Syntrichia mutica Giac. = *Tortula fragilis*
Syntrichia mutica ssp. *mucronulata* Giac. = *Tortula mucronifolia*
Syntrichia papillosa (Wils.) Jur. = *Tortula papillosa*
Syntrichia princeps (De Not.) Mitt. = *Tortula princeps*
Syntrichia pulvinata Jur. = *Tortula virescens*
Syntrichia ruralis Web. et Mohr = *Tortula ruralis*
Syntrichia ruralis ssp. *calcicola* (Grebe) Giac. = *Tortula ruralis* ssp. *calcicolens*
Syntrichia ruralis var. *norvegica* (Web.) Stend. = *Tortula norvegica*
Syntrichia spuria Amann = *Tortula caninervis*
Syntrichia subulata (L.) Web. et Mohr = *Tortula subulata*
Syntrichia subulata ssp. *angustata* (Wils.) Dix. = *Tortula subulata* var. *angustata*
Syntrichia subulata var. *integrifolia* Boul. = *Tortula subulata* var. *angustata*
Syntrichia subulata var. *subinermis* Wils. = *Tortula subulata* var. *subinermis*
Systegium carniolicum (Web. et Mohr) Lindb. = *Aschisma carniolicum*
Systegium crispum Schimp. = *Weissia longifolia*
Systegium multicapsulare Schimp. = *Weissia multicapsulare*
Taxiphyllum depressum (Bruch) Reimers = *T. wissgrillii*
Tayloria splachnoides var. *acuminata* (Hornsch.) Hüb. = *T. acuminata*
Tetraplodon brewerianus (Hedw.) De Not. = *T. mnioides*
Tetraplodon bryoides Lindb. = *T. mnioides*
Thamnium alopecurum (L.) Schimp. = *Thamnobryum alopecurum*
Thamnium alopecurum ssp. *mediterraneum* (Bott.) Giac. = *Thamnobryum alopecurum* var. *gracillimum*
Thamnium cossyrense Bott. = *Thamnobryum cossyrense*
Thamnium mediterraneum Bott. = *Thamnobryum alopecurum* var. *gracillimum*
Thesnomitrium flexuosum Arn. = *Campylopus flexuosus*
Thuidium catenulatum (Brid.) De Not. = *Pseudoleskeella catenulata*
Thuidium decipiens Boul. = *Palustriella decipiens*
Thuidium erectum Duby = *T. delicatulum*
Thuidium hystricosum Mitt. = *T. abietinum* var. *hystricosum*

Thuidium molluscum var. *condensation* (Schimp.) Zedda = *Ctenidium molluscum* var. *molluscum*

Thuidium pseudo-tamarisci Limpr. = *T. philiberti*

Thuidium pulchellum De Not. = *Haplocladium angustifolium*

Thuidium punctatum De Not. = *Haplocladium virginianum*

Thuidium recognitum ssp. *philiberti* (Limpr.) Dix. = *T. philiberti*

Thuidium recognitum var. *delicatum* (Hedw.) Warnst. = *T. delicatum*

Thuidium tamariscifolium (Neck.) Lindb. = *T. tamariscinum*

Timmia bavarica Hessel. = *T. megapolitana* ssp. *bavarica*

Timmia megapolitana var. *bavarica* Brid. = *T. megapolitana* ssp. *bavarica*

Timmia megapolitana var. *norvegica* (Zett.) Lindb. = *T. norvegica*

Timmiaella barbula (Schwaegr.) Mönk. = *T. barbuloidea*

Tortella bambergeri (Schimp.) Broth. = *T. tortuosa* var. *bambergeri*

Tortella caespitosa (Schwaegr.) Limpr. = *T. humilis*

Tortella flavovirens ssp. *viridiflava* (De Not.) Giac. = *T. flavovirens* var. *viridiflava*

Tortella inclinata var. *densa* Lor. = *T. densa*

Tortella spinidens Lev. et Roth = *T. tortuosa*

Tortella squarrosa Limpr. = *Pleurochaete squarrosa*

Tortella tortuosa ssp. *fasciculata* Culm = *T. tortuosa*

Tortella viridiflava (De Not.) Broth. = *T. flavovirens* var. *viridiflava*

Tortula aciphylla Br. eur. = *T. norvegica*

Tortula aestiva (Brid.) P. Beauv. = *T. muralis* var. *aestiva*

Tortula aloides (Schultz) De Not. = *Aloina aloides*

Tortula alpina Bruch = *T. sinensis*

Tortula alpina var. *inermis* (Mikl.) De Not. = *T. fragilis*

Tortula ambigua (B. S. et G.) Ångstr. = *Aloina ambigua*

Tortula angustata Lindb. = *T. subulata* var. *angustata*

Tortula bicolor (B. S. et G.) Lindb. = *Barbula bicolor*

Tortula bifrons De Not. = *Aloina bifrons*

Tortula brebissonii Brid. = *Cinclidotus macronatus*

Tortula brevirostris Hook. et Grev. = *Aloina brevirostris*

Tortula caespitosa (Schwaegr.) Hook. et Tayl. = *Tortella humilis*

Tortula calcicola Greb. = *T. ruralis* ssp. *calcicolens*

Tortula chionostoma Vent. = *T. marginata*

Tortula chloronotus Brid. = *Crossidium crassinerve*

Tortula cirrhata Arn. = *Timmiaella barbuloidea*

Tortula convoluta (Hedw.) Swartz = *Barbula convoluta* var. *convoluta*

Tortula crassinervia De Not. = *Crossidium crassinerve*

Tortula crocea Brid. = *Barbula crocea*

Tortula cylindrica (Tayl.) Lindb. = *Didymodon insulanus*

Tortula extenuata De Not. = *T. vahlana*

Tortula fallax (Hedw.) De Not. = *Didymodon fallax*

Tortula fragilis Wils. = *Tortella fragilis*

Tortula gracilis Hook. = *Didymodon acutus*

Tortula graeffii Schlieph. = *T. subulata* var. *graeffii* Warnst.

Tortula guepinii (B. et S.) Broth. = *Desmatodon guepinii*

Tortula hornschiuchiana De Not. = *Pseudocrossidium hornschiuchianum*

Tortula icmadophila Lindb. = *Didymodon icmadophilus*

Tortula inclinata Hedw. f. = *Tortella inclinata*

Tortula insulana De Not. = *Didymodon insulanus*

- Tortula laevipila* var. *laevipiliformis* (De Not.) Limpr. = *T. laevipila* var. *laevipiliformis*
- Tortula laevipila* var. *marginata* Lindb. = *T. laevipila* var. *laevipiliformis*
- Tortula laevipila* var. *meridionalis* Schimp. = *T. laevipila* var. *laevipiliformis*
- Tortula laevipila* var. *propagulifera* Lindb. = *T. pagorum*
- Tortula laevipiliformis* De Not. = *T. laevipila* var. *laevipiliformis*
- Tortula limbata* Lindb. = *T. marginata*
- Tortula macrophylla* Trev. = *Tortella tortuosa*
- Tortula membranifolia* Hook. = *Crossidium squamiferum*
- Tortula montana* (Nees) Lindb. = *T. intermedia*
- Tortula muelleri* (Bruch) Wils. = *T. princeps*
- Tortula muralis* ssp. *aestiva* (Hedw.) Meyl. = *T. muralis* var. *aestiva*
- Tortula nervosa* Brid. = *Tortella inclinata*
- Tortula nitida* Lindb. = *Tortella nitida*
- Tortula northiana* Grev. = *Tortella humilis*
- Tortula paludosa* Cand. = *Barbula crocea*
- Tortula papillosissima* (Copp.) Broth. = *T. ruralis* ssp. *hirsuta*
- Tortula pulvinata* (Jur.) Limpr. = *T. virescens*
- Tortula recurvifolia* (Wils.) Berk. = *Didymodon ferrugineus*
- Tortula revoluta* Brid. = *Pseudocrossidium revolutum*
- Tortula revolvens* ssp. *eu-revolvens* Giac. = *T. revolvens*
- Tortula rhizophylla* (Saki) Iwats. et Saito = *Chenia rhizophylla*
- Tortula rigida* (Hedw.) Schrad. = *Aloina rigida*
- Tortula rigida* var. *pilifera* De Not. = *Aloina bifrons*
- Tortula rigidula* (Hedw.) Lindb. = *Didymodon rigidulus*
- Tortula ruraliformis* var. *gigantea* Fam. = *T. ruralis* ssp. *hirsuta*
- Tortula ruralis* ssp. *ruraliformis* Besch. = *T. ruraliformis*
- Tortula ruralis* var. *alpina* Wehlenb. = *T. norvegica*
- Tortula ruralis* var. *calcicola* (Aman) Barkm. = *T. ruralis* ssp. *calcicolens*
- Tortula ruralis* var. *crinita* De Not. = *T. intermedia*
- Tortula ruralis* var. *intermedia* Milde = *T. intermedia*
- Tortula ruralis* var. *laevipila* (Brid.) Hook. et Grev. = *T. laevipila*
- Tortula ruralis* var. *ruraliformis* Besch. = *T. ruraliformis*
- Tortula ruralis* var. *virescens* De Not. = *T. virescens*
- Tortula saccardoana* De Not. = *T. laevipila*
- Tortula serrulata* Warnst. = *T. subulata*
- Tortula spathulifolia* De Not. = *Tortula cuneifolia*
- Tortula squamifera* De Not. = *Crossidium squamiferum*
- Tortula squamigera* (Viv.) De Not. = *Crossidium squamiferum*
- Tortula squarrosa* De Not. = *Pleurochaete squarrosa*
- Tortula subulata* ssp. *mucronifolia* (Schwaegr.) Giac. = *T. mucronifolia*
- Tortula subulata* ssp. *serrulata* (Warnst.) Giac. = *T. subulata*
- Tortula subulata* var. *integrifolia* (Boul.) Brizi = *T. subulata* var. *angustata*
- Tortula tortuosa* Ehrh. = *Tortella tortuosa*
- Tortula unguiculata* Roth = *Barbula unguiculata*
- Tortula vinealis* Wils. = *Didymodon vinealis*
- Trematodon solmsii* Bolle = *T. longicollis*
- Trichodon cylindricus* (Hedw.) Schimp. = *Dirichium cylindricum*
- Trichostomum aciculare* (Hedw.) P. Beauv. = *Racomitrium aciculare*
- Trichostomum anomalum* Schimp. = *Timmia anomala*
- Trichostomum bambergeri* Schimp. = *Tortella tortuosa* var. *bambergeri*

- Trichostomum barbula* Schwaegr. = *Timmiella barbuloidea*
Trichostomum barbuloidea Brid. = *Timmiella barbuloidea*
Trichostomum bericum De Not. = *Leptobarbula berica*
Trichostomum brachydontium ssp. *densum* (B. S. et G.) Giac. = *T. brachydontium* var. *densum*
Trichostomum brachydontium ssp. *littorale* (Mitt.) Giac. = *T. brachydontium* var. *littorale*
Trichostomum brachydontium ssp. *mutabile* (Bruch) Giac. = *T. brachydontium*
Trichostomum brevifolium Sendtn. = *T. crispulum* var. *brevifolium*
Trichostomum caespitosum (Bruch) Jur. = *Pottia caespitosa*
Trichostomum calcareum Lindb. = *Gymnostomum calcareum*
Trichostomum canescens Hedw. = *Racomitrium canescens*
Trichostomum convolutum Brid. = *Tortula atrovirens*
Trichostomum cordatum Jur. = *Didymodon cordatus*
Trichostomum crispulum ssp. *brevifolium* (Sendtn.) Giac. = *T. crispulum* var. *brevifolium*
Trichostomum crispulum ssp. *viridulum* (Bruch) Giac. = *T. crispulum* var. *viridulum*
Trichostomum crispulum var. *angustatum* Boul. = *T. crispulum* var. *viridulum*
Trichostomum crispulum var. *longifolium* Schimp. = *T. crispulum* var. *viridulum*
Trichostomum curvifolium Bruch = *Tortella inflexa*
Trichostomum cylindricum (Bruch) C. Müll. = *Oxystegus tenuirostris*
Trichostomum elatum Schimp. = *T. crispulum* var. *elatum*
Trichostomum ericoides Schwaegr. = *Racomitrium ericoides*
Trichostomum fasciculare Schrad. = *Racomitrium fasciculare*
Trichostomum flavipes Stend. = *Cinclidotus mucronatus*
Trichostomum flavovirens Bruch = *Tortella flavovirens*
Trichostomum flavovirens ssp. *esterelensis* (G. Roth) Mönk. = *Tortella flavovirens* var. *viridiflava*
Trichostomum flavovirens var. *viridiflavum* De Not. = *Tortella flavovirens* var. *viridiflava*
Trichostomum flexicaule (Schwaegr.) B. S. et G. = *Ditrichum flexicaule*
Trichostomum flexipes Br. et Schp. = *Timmiella barbuloidea*
Trichostomum flexisetum Bruch = *Timmiella barbuloidea*
Trichostomum fontinaloides Hedw. = *Cinclidotus fontinaloides*
Trichostomum glaucescens Hedw. = *Saelania glaucescens*
Trichostomum gracile (Wils.) Moll. = *Zygodon gracilis*
Trichostomum guepinii (B. S. et G.) C. Müll. = *Desmatodon guepinii*
Trichostomum heterostichum Hedw. = *Racomitrium heterostichum*
Trichostomum heterostichum var. *alopecurum* (Brid.) Hüb. = *Racomitrium affine*
Trichostomum inclinatum (Hedw. f.) Dix. = *Tortella inclinata*
Trichostomum inflexum Bruch = *Tortella inflexa*
Trichostomum lanuginosum Hedw. = *Racomitrium lanuginosum*
Trichostomum latifolium Schwaegr. = *Desmatodon latifolius*
Trichostomum laureri Schultze = *Desmatodon laureri*
Trichostomum lineare var. *tophaceum* Montagna = *Didymodon tophaceus*
Trichostomum littorale Mitt. = *T. brachydontium* var. *littorale*
Trichostomum mediterraneum C. Müll. = *Barbula ehrenbergii*
Trichostomum mutabile Bruch = *T. brachydontium*
Trichostomum mutabile ssp. *cuspidatum* (Braithw.) Podp. = *T. brachydontium* var. *cuspidatum*

- Trichostomum mutabile* var. *cuspidatum* (Braithw.) Limpr. = *T. brachydontium* var. *cuspidatum*
- Trichostomum mutabile* var. *densum* B. S. et G. = *T. brachydontium* var. *densum*
- Trichostomum mutabile* var. *littorale* (Mitt.) Dix. = *T. brachydontium* var. *littorale*
- Trichostomum nitidum* (Lindb.) Schimp. = *Tortella nitida*
- Trichostomum pallidisetum* H. Müll. = *Weissia triumphans* var. *pallidisetum*
- Trichostomum pallidum* (Hedw.) Hampe = *Ditrichum pallidum*
- Trichostomum patens* Schwaegr. = *Dryptodon patens*
- Trichostomum piliferum* Smith. = *Desmatodon latifolius*
- Trichostomum polyphyllum* Schwaegr. = *Ptychomitrium polyphyllum*
- Trichostomum protensum* Duby = *Racomitrium aquaticum*
- Trichostomum pulvinatum* Web. et Mohr = *Grimmia pulvinata*
- Trichostomum purpureum* De Not. = *Ceratodon purpureus*
- Trichostomum pusillum* Hedw. = *Ditrichum pusillum*
- Trichostomum reflexum* var. *gymnostomum* Lindb. = *Gyroweisia tenuis*
- Trichostomum rigidulum* (Hedw.) Turn. = *Didymodon rigidulus*
- Trichostomum riparium* Schwaegr. = *Cinclidotus riparius*
- Trichostomum rubellum* Rabenh. = *Bryoerythrophyllum recurvirostrum*
- Trichostomum rufigum* (Lor.) Mol. = *Didymodon asperifolius*
- Trichostomum sciuroides* Web. et Mohr = *Leucodon sciuroides*
- Trichostomum serratum* DC. = *Ptychomitrium polyphyllum*
- Trichostomum strictum* Bruch = *Cheilothea chloropus*
- Trichostomum tophaceum* Brid. = *Didymodon tophaceus*
- Trichostomum trifarium* (Hedw.) Sm. = *Didymodon luridus*
- Trichostomum triumphans* De Not. = *Weissia triumphans*
- Trichostomum viridiflavum* De Not. = *Tortella flavovirens* var. *viridiflava*
- Trichostomum viridulum* Bruch = *T. crispulum* var. *viridulum*
- Trichostomum warnstorffii* Limpr. = *Hyophila involuta*
- Ulota americana* (P. Beauv.) Limpr. = *U. huchinsiae*
- Ulota crispa* ssp. *crispula* Brid. = *U. crispa*
- Ulota crispa* var. *norvegica* (Grönv.) A. J. E. Sm. et M. O. Hill = *U. bruchii*
- Ulota crispula* Bruch = *U. crispa*
- Ulota intermedia* Schimp. = *U. crispa*
- Ulota ludwigii* Brid. = *U. coarctata*
- Ulota ulophylla* Broth. = *U. crispa*
- Ulota ulophylla* var. *intermedia* (Schimp.) Jans et Watch. = *U. crispa*
- Webera acuminata* Hoppe et Hornsch. = *Pohlia elongata* var. *acuminata*
- Webera albicans* Schimp. = *Pohlia wahlenbergii* var. *wahlenbergii*
- Webera albicans* var. *glacialis* Schimp. = *Pohlia wahlenbergii* var. *glacialis*
- Webera ambigua* Limpr. = *Pohlia ambigua*
- Webera annotina* (Hedw.) Correns = *Pohlia annotina*
- Webera calcarea* Warnst. = *Pohlia wahlenbergii* var. *calcarea*
- Webera carinata* (Boul.) Limpr. = *Pohlia obtusifolia*
- Webera carnea* Schimp. = *Pohlia melanodon*
- Webera commutata* Schimp. = *Pohlia drummondii*
- Webera cruda* Schimp. = *Pohlia cruda*
- Webera cucullata* (Schwaegr.) Schimp. = *Pohlia obtusifolia*
- Webera elongata* Schwaegr. = *Pohlia elongata* var. *elongata*
- Webera filum* (Schimp.) Par. = *Pohlia erecta*
- Webera gracilis* (Schleich.) De Not. = *Pohlia erecta*
- Webera longicolla* (Sw.) Hedw. = *Pohlia longicollis*

- Webera ludwigii* Schimp. = *Pohlia ludwigii*
Webera lutescens Limpr. = *Pohlia lutescens*
Webera neapolitana De Not. = *Anomobryum julaceum* var. *julaceum*
Webera nutans Hedw. = *Pohlia nutans*
Webera polymorpha Hoppe et Hornsch. = *Pohlia elongata* var. *polymorpha*
Webera polymorpha var. *brachycarpa* (Hoppe et Hornsch.) Schimp. = *Pohlia elongata* var. *elongata*
Webera prolifera Lindb. = *Pohlia prolifera*
Webera pyriformis Hedw. = *Leptobryum pyriforme*
Webera rubella Philib. = *Pohlia erecta*
Webera serrifolia Bryhn = *Pohlia bulbifera*
Webera sessilis Lindb. = *Diphyscium foliosum*
Webera sphagnicola Schimp. = *Pohlia sphagnicola*
Webera sudetica Giac. = *Pohlia ludwigii*
Webera tozeri Schimp. = *Epipterygium tozeri*
Webera zoddae Roth = *Pohlia wahlenbergii* var. *calcareum*
Weissia acuta Hedw. = *Blindia acuta*
Weissia affinis Hook. et Tayl. = *Pottia davalliana* var. *brachyoda*
Weissia anomala Hedw. = *Orthotrichum anomalum*
Weissia atrovirens Nees et Hornsch. = *Dicranoweisia crispula*
Weissia bruntanii De Not. = *Cynodontium bruntanii*
Weissia calcarea (Nees et Hornsch.) C. Müll. = *Gymnostomum calcareum*
Weissia cirrata Brid. = *Dicranoweisia cirrata*
Weissia compacta Schwaegr. = *Dicranoweisia compacta*
Weissia crispata Jur. = *W. controversa* var. *crispata*
Weissia crispula Hedw. = *Dicranoweisia crispula*
Weissia curvirostra Swartz = *Hymenostylium recurvirostrum*
Weissia curvirostris Lam. et Cand. = *Bryoerythrophyllum recurvirostrum*
Weissia cylindrica Bruch = *Oxystegus tenuirostris*
Weissia denticulata Brid. = *Rhabdoweisia crispata*
Weissia falcata Hornsch. = *Dicranoweisia crispula*
Weissia falcata Kindb. = *Gymnostomum aeruginosum*
Weissia fallax Sehm. = *W. controversa* var. *crispata*
Weissia fugax Hedw. = *Rhabdoweisia fugax*
Weissia ganderi Jur. = *W. rutilans*
Weissia gymnostomoides Brid. = *W. controversa* var. *crispata*
Weissia lanceolata (Hedw.) Mohr = *Pottia lanceolata*
Weissia microstoma Hedw. = *W. brachycarpa*
Weissia mucronata Bruch = *W. rutilans*
Weissia muralis (Spruce) Lindb. = *W. wimmeriana*
Weissia nigrita Hedw. = *Catoscopium nigrum*
Weissia pallescens Schimp. = *W. wimmeriana* ssp. *pallescens*
Weissia pusilla Hedw. = *Seligeria pusilla*
Weissia recurvata Brid. = *Seligeria recurvata* var. *recurvata*
Weissia reflexa (Brid.) Schimp. = *Gyroweisia reflexa*
Weissia rupestris Hedw. = *Blindia acuta*
Weissia serrulata Funk = *Oreoweisia torquescens*
Weissia starckeana Hedw. = *Pottia starckeana*
Weissia striata Arn. var. *major* Hook. et Tayl. = *Rhabdoweisia crispata*
Weissia striata Arn. var. *minor* Hook. et Tayl. = *Rhabdoweisia fugax*
Weissia tortilis (Schwaegr.) C. Müll. = *W. condensata*

- Weissia trichodes* (Web.) Hook. et Tayl. = *Brachydontium trichodes*
Weissia tristicha Brid. = *Seligeria trifaria*
Weissia truncicola De Not. = *Dicranum montanum*
Weissia verticillata Schwaegr. = *Eucladium verticillatum*
Weissia viridula Hedw. = *W. controversa*
Weissia viridula var. *amblyodon* Br. eur. = *W. controversa*
Weissia viridula var. *densifolia* Schimp. = *W. controversa* var. *densifolia*
Weissia viridula var. *gymnostomoides* Brid. = *W. controversa* var. *crispata*
Weissia viridula var. *stenocarpa* Schimp. = *W. controversa* var. *stenocarpa*
Weissia wimmeri (Sendtn.) Br. eur. = *W. wimmeriana*
Weissia wimmeriana var. *pallidula* (Schimp.) Bott. = *W. wimmeriana* ssp. *pallidula*
Zieria demissa Schimp. = *Plagiobryum demissum*
Zieria julacea (Dicks.) Schimp. = *Plagiobryum zierii*
Zygodon baumgartneri Malta = *Z. rupestris*
Zygodon mougeotii B. S. et G. = *Amphidium mougeotii*
Zygodon nowellii Schimp. = *Z. gracilis*
Zygodon viridissimus var. *rupestris* Hartm. = *Z. rupestris*
Zygodon viridissimus var. *vulgaris* Malta = *Z. rupestris*

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