

Marko Sabovljević & Vladimir Stevanović

Moss Conspectus of the Federal Republic of Yugoslavia

Abstract

Sabovljević, M. & Stevanović, V.: Moss Conspectus of the Federal Republic of Yugoslavia. — Fl. Medit. 9: 65-95. 1999. — ISSN 1120-4052.

This study deals with the first moss conspectus of the Federal Republic of Yugoslavia (Serbia & Montenegro). After decades of small interest in bryological studies in the Balkans, the presented list outlines contemporary nomenclature, which is compatible with that applied throughout the world. It is concluded, on the basis of literature data, that Yugoslavia hosts by 512 native moss species. In addition to the sources of records, the list also provides 37 Red Listed moss species, marked with an asterisk.

Introduction

The list of mosses is drawn according to Corley & al. (1981) and Corley & Crundwell (1991), and aims at helping all the bryologists with poorly known mosses of the Balkan Peninsula. The earlier literature data concerned the general aspects of mosses and mainly referred to the region of former Yugoslavia (Pavletić 1955, 1956, 1968, Martinčić 1963, 1966, 1968, Popović 1966, Guelmino 1970, Pavletić & Pulević 1975, 1980). Besides, some recent studies concerning the coenoses of vascular plants, including bryophytes, reveal new moss records (Birks & Walters 1973, Mišić & al. 1978, Grgić 1983) and a few papers deal with typical bryological surveys (Martinčić 1980, Grgić 1989, Gajić & al. 1991) including those carried out in Serbia and Montenegro.

The following list is based exclusively on literature data, because no bryological herbarium material is available in Yugoslavia at present.

Although there were many problems in the nomenclature of these species, the list tries to be compatible with the European ones and it could be helpful to all the bryologists. In this respect we relied on the data of Podpira (1954), Corley & al. (1981), Corley & Crundwell (1991) and Smith (1993).

It should be noted that 37 moss species quoted in this paper are listed in the Red Data Book of European Bryophytes (ECCB 1995). In the following list they are marked with an asterisk (*).

Mosses of Federal Republic of Yugoslavia

(the numbers relate to the reference in which the species is cited; S = Serbia,
M = Montenegro)

Acaulon C. Müll.

muticum (Hedw.) C. Müll. M
16; 19;

triquetrum (Spruce) C. Müll. M
23;

Aloina Kindb., nom. cons.

aloides (K. F. Schultz) Kindb. M
16; 19;

ambigua (B. & S.) Limpr. S, M
7; 16; 19;

rigida (Hedw.) Limpr. S, M
7; 16; 19;

Amblystegium (Hedw.) Lindb.

confervoides (Brid.) B., S. & G. S, M
6; 16; 23;

fluvatile (Hedw.) B., S. & G. S, M
6; 16; 19; 23;

humile (P. Beauv.) Crundw. S
6; 19;

riparium (Hedw.) B., S. & G. S, M
16; 19; 25;

**saxatile* Schimp. S
17;

serpens (Hedw.) B., S. & G. S, M
6; 16; 19;

subtile (Hedw.) B., S. & G. S
6; 16; 17; 19;

tenax (Hedw.) C. Jens S, M
6; 16; 19;

varium (Hedw.) Lindb. S, M
6; 16; 19;

Amphidium Schimp., nom. cons.

lapponicum (Hedw.) Schimp. S
6; 16;

mougeotii (B. & S.) Schimp. S
6; 16; 17; 19;

Anacamptodon Brid.

**spalchnoides* (Brid.) Brid. S
6; 16; 19;

Andreaea Hedw.

rupestris Hedw. S, M
6; 13; 16; 17;

* <i>rothii</i> Web. & Mohr 6; 13; 16;	S
<i>Anoetangium</i> Schwaegr., nom. cons. * <i>hornschuchianum</i> (Hook.) Funck ex Hornsch. 16; 19;	M
<i>sendtnerianum</i> B., S. & G. 6; 16; 19;	S
<i>Anomobryum</i> Schimp. <i>julaceum</i> (Gaertn., Meyer & Scherb.) Schimp. 16; 19; 28;	M
<i>Anomodon</i> Hook. & Tayl. <i>attenuatus</i> (Hedw.) Hüb. 6; 9; 16; 19; 25;	S, M
<i>longifolius</i> (Brid.) Hartm. 6; 16; 19;	S, M
<i>rugelii</i> (C. Müll.) Keissl. 9; 17; 22;	S, M
<i>viticulosus</i> (Hedw.) Hook. & Tayl. 6; 9; 16; 17; 19; 22; 25;	S, M
<i>Antitrichia</i> Brid. <i>curtipendula</i> (Hedw.) Brid. 6; 16; 19; 25;	S, M
<i>Aphanorhegma</i> Sull. <i>patens</i> (Hedw.) Lindb. 6; 16; 19;	S
<i>Archidium</i> Brid. <i>alternifolium</i> (Hedw.) Schimp. 16; 19;	M
<i>Atrichum</i> P. Beauv., nom. cons. <i>angustatum</i> (Brid.) B. & S. 6; 16; 17; 19; 25;	S, M
<i>tenellum</i> (Röhl.) B. & S. 6; 16; 19;	S, M
<i>undulatum</i> (Hedw.) P. Beauv. 6; 14; 16; 17; 19; 25;	S, M
<i>Aulacomnium</i> Schwaegr., nom. cons. <i>palustre</i> (Hedw.) Schwaegr. 6; 14; 16; 19; 25;	S, M
<i>Barbula</i> Hedw., nom. cons. * <i>bicolor</i> (B., S. & G.) Lindb. 25;	S
<i>convoluta</i> Hedw. 6; 14; 16; 19; 25;	S, M
<i>crocea</i> (Brid.) Web. & Mohr 6;	S

<i>*enderesii</i> Garov.	S
6; 16; 19;	
<i>unguiculata</i> Hedw.	S, M
6; 14; 16; 17; 19; 25;	
<i>Bartramia</i> Hedw., nom. cons.	
<i>halleriana</i> Hedw.	S, M
6; 14; 16; 17; 19;	
<i>ithyphylla</i> Brid.	S, M
6; 16; 17; 19; 25; 28;	
<i>pomiformis</i> Hedw.	S, M
6; 16; 17; 19; 25; 28;	
<i>stricta</i> Brid.	M
16; 19; 30;	
<i>Blindia</i> B., S. & G.	
<i>acuta</i> (Hedw.) B., S. & G.	M
16;	
<i>Brachythecium</i> B., S. & G.	
<i>albicans</i> (Hedw.) B., S. & G.	S
6; 16; 19;	
<i>*geheebii</i> Milde	M
22; 30;	
<i>glareosum</i> (Spruce) B., S. & G.	S, M
6; 14; 16; 19;	
<i>mildeanum</i> (Schimp.) Schimp. ex Milde	S
6; 16; 19;	
<i>*oxycladum</i> (Brid.) Jaeg.	S
16; 19;	
<i>plumosum</i> (Hedw.) B., S. & G.	M
16; 19;	
<i>populeum</i> (Hedw.) B., S. & G.	S, M
6; 16; 19; 23; 25;	
<i>reflexum</i> (Starke) B., S. & G.	S
16;	
<i>rivulare</i> B., S. & G.	S, M
6; 9; 14; 16; 19; 22;	
<i>rutabulum</i> (Hedw.) B. S. & G.	S, M
16; 19; 25;	
<i>salebrosum</i> (Web. & Mohr) B., S. & G.	S, M
6; 9; 12; 14; 16; 19;	
<i>starkei</i> (Brid.) B., S. & G.	M
14; 16;	
<i>velutinum</i> (Hedw.) B., S. & G.	S, M
6; 14; 16; 19; 22; 28;	
<i>Bryoerythrophyllum</i> Chen	
<i>recurvirostrum</i> (Hedw.) Chen	S, M
6; 14; 16; 17; 19; 28;	

Bryum Hedw.

<i>algovicum</i> Sendt. ex C. Müll. 16; 19;	S
<i>alpinum</i> With. 6; 16; 19; 25;	S, M
<i>argenteum</i> Hedw. 16; 19; 25;	S, M
<i>bicolor</i> Dicks. 6; 16; 19;	S, M
<i>caespiticum</i> Hedw. 6; 9; 12; 14; 16; 19; 22; 25; 28;	S, M
<i>canariense</i> Brid. 16; 19;	M
<i>capillare</i> Hedw. 6; 12; 14; 16; 19; 25;	S, M
<i>creberrimum</i> Tayl. 12; 14; 16; 19;	S, M
<i>cyclophyllum</i> (Schwaegr.) B. & S. 16; 19;	S
<i>donianum</i> Grev. 16; 19;	M
<i>elegans</i> Nees ex Brid. 6; 12; 16; 19;	S, M
<i>funckii</i> Schwaegr. 6; 16; 19; 23;	S, M
<i>gemmiparum</i> De Not. 6; 16; 19;	S, M
<i>imbricatum</i> (Schwaegr.) B. & S. 6; 16; 19; 25;	S
<i>intermedium</i> (Brid.) Bland. 6; 16; 19; 23;	S, M
<i>pallens</i> Sw. 6; 16; 19;	S
<i>pallescens</i> Schleich. ex Schwaegr. 6; 16; 19;	S, M
<i>pseudotriquetrum</i> (Hedw.) Gaert., Mayer & Schreb. 6; 9; 12; 14; 16; 17; 19; 25;	S, M
<i>radiculosum</i> Brid. 6; 16; 19;	S, M
<i>schleicheri</i> Lam. & DC. 6; 16; 19;	S, M
<i>troquescens</i> B. & S. 16; 19; 29;	S, M
<i>turbinatum</i> (Hedw.) Turn. 16; 19; 25; 30;	S, M

<i>weigelii</i> Spreng.	S
6; 16; 19;	
<i>Buxbaumia</i> Hedw.	
* <i>viridis</i> (Moug. ex Lam. & DC.) Brid. ex Moug. & Nestl.	S, M
6; 14; 19; 25; 19;	
<i>Callicladium</i> Crum	
<i>haldanianum</i> (Grev.) Crum	S, M
6; 16; 23;	
<i>Calliergon</i> (Sull.) Kindb.	
<i>cordifolium</i> (Hedw.) Kindb.	S
6; 16; 17; 19;	
<i>giganteum</i> (Schimp.) Kindb.	S, M
1; 12; 16; 19;	
<i>stramineum</i> (Brid.) Kindb.	S
16;	
<i>trifarum</i> (Web. & Mohr) Kindb.	S, M
1; 6; 16;	
<i>Calliergonella</i> Loeske	
<i>cuspidata</i> (Hedw.) Loeske	S, M
1; 6; 12; 14; 16; 17; 19; 22;	
<i>Campylium</i> (Sull.) Mitt.	
<i>calcareum</i> Crundw. & Nyh.	S
19;	
<i>chrysophyllum</i> (Brid.) J. Lange	S, M
6; 16; 19;	
<i>halleri</i> (Hedw.) Lindb.	S
17;	
<i>longicuspis</i> (Lindb. & H. Arn.) Hedenäs	S, M
19;	
<i>polygamum</i> (B., S. & G.) J. Lange & C. Jens.	S, M
6; 16; 19;	
<i>sommerfeltii</i> (Myr.) J. Lange	S, M
16; 23;	
<i>stellatum</i> (Hedw.) J. Lange & C. Jens.	S, M
9; 12; 14; 16; 17;	
<i>Campylopus</i> Brid.	
<i>atrovirens</i> De Not.	M
23;	
<i>fragilis</i> (Brid.) B., S. & G.	M
16; 19;	
<i>flexuosus</i> (Hedw.) Brid.	M
16; 19;	
* <i>setifolius</i> Wils.	S
25;	

<i>Ceratodon</i> Brid.	
<i>purpureus</i> (Hedw.) Brid.	S, M
6; 12; 14; 16; 17; 19; 25; 28;	
<i>Cheilothela</i> Lindb.	
<i>chloropus</i> (Brid.) Lindb.	S
6; 16; 19;	
<i>Cinclidothus</i> P. Beauv.	
<i>aquaticus</i> (Hedw.) B. & S.	S, M
9; 16; 19; 22; 29;	
<i>fontinaloides</i> (Hedw.) P. Beauv.	S, M
6; 16; 19;	
<i>mucronatus</i> (Brid.) Mach	M
16; 19;	
<i>riparius</i> (Brid.) Arnott	M
9; 16; 19; 22;	
<i>Cirriphyllum</i> Grout	
<i>cirrosum</i> (Schwegr.) Grout	S, M
16; 17;	
<i>piliferum</i> (Hedw.) Grout	S, M
14; 16; 25;	
<i>tommasinii</i> (Sendt. ex Boul.) Grout.	S, M
16; 19;	
<i>Climacium</i> Web. & Mohr	
<i>dendroides</i> (Hedw.) Web. & Mohr	M, S
6; 12; 14; 16; 17; 19; 25;	
<i>Coscinodon</i> Spreng.	
<i>cribrosus</i> (Hedw.) Spruce	S
17;	
<i>Cratoneuron</i> (Sull.) Spruce	
<i>filicinum</i> (Hedw.) Spruce	S, M
6; 14; 16; 17; 19; 22; 25; 29;	
<i>Crossidium</i> Jur., nom. cons.	
<i>squamiferum</i> (Viv.) Jur.	S
6; 16; 19;	
<i>Ctenidium</i> (Schimp.) Mitt.	
<i>molluscum</i> (Hedw.) Mitt.	S, M
6; 9; 12; 14; 16; 17; 19; 22; 25; 28;	
<i>Cynodontium</i> Schimp., nom. cons.	
<i>bruntonii</i> (Sm.) B., S. & G.	S
6; 16; 19;	
<i>polycarpon</i> (Hedw.) Schimp.	S, M
6; 16; 19; 23; 25;	
<i>Cryphaea</i> Mohr	
<i>heteromalla</i> (Hedw.) Mohr	M
16; 19;	

<i>Cyrtomnium</i> Holmen	
<i>hymenophylloides</i> (Hüb.) Nyh. ex T. Kop.	M
16; 28;	
<i>Desmatodon</i> Brid.	
<i>heimii</i> (Hedw.) Mitt.	S
6; 16; 19;	
<i>latifolius</i> (Hedw.) Brid.	S, M
6; 14; 16; 17;	
<i>Dichodontium</i> Schimp.	
<i>pellucidum</i> (Hedw.) Schimp.	S, M
14; 16; 19;	
<i>Dicranella</i> (C. Müll.) Schimp.	
<i>cerviculata</i> (Hedw.) Schimp.	S
25;	
<i>crispa</i> (Hedw.) Schimp.	S
6; 19; 25;	
<i>heteromalla</i> (Hedw.) Schimp.	S, M
6; 16; 19; 22; 25;	
<i>palustris</i> (Dicks.) Crundw. ex E. Warb.	S
25;	
<i>rufescens</i> (Dicks.) Schimp.	S
6; 16; 19;	
<i>schreberiana</i> (Hedw.) Dix.	S
16;	
<i>subulata</i> (Hedw.) Schimp.	S
6; 16; 19;	
<i>varia</i> (Hedw.) Schimp.	S, M
6; 16; 19; 23; 25;	
<i>Dicranodontium</i> B., S. & G.	
<i>denudatum</i> (Brid.) Britt.	M
12; 14; 16; 22;	
<i>*asperulum</i> (Mitt.) Broth.	S
17;	
<i>Dicranoweisia</i> Lindb. ex Milde	
<i>cirrata</i> (Hedw.) Lindb. ex Milde	S
16; 19;	
<i>crispula</i> (Hedw.) Milde	S, M
16; 17; 19;	
<i>Dicranum</i> Hedw.	
<i>bergeri</i> Bland. ex Hoppe	S
19;	
<i>bonjeanii</i> De Not.	S, M
1; 6; 16; 19;	
<i>elongatum</i> Schleich. ex Schwaegr.	S
17;	

<i>flagellare</i> Hedw.	S, M
12; 14; 16;	
<i>fuscescens</i> Sm.	S, M
12; 14; 16; 19; 25;	
<i>majus</i> Sm.	S, M
6; 16; 28;	
<i>polysetum</i> Sw.	S, M
6; 14; 16; 19; 25;	
<i>scoparium</i> Hedw.	S, M
6; 9; 12; 14; 16; 17; 19; 25;	
<i>spurium</i> Hedw.	M
23;	
<i>tauricum</i> Sap.	S, M
6; 12; 14; 16; 17; 19; 25;	
* <i>viride</i> (Sull. & Lesq.) Lindb.	S, M
16; 25; 28;	
<i>Didymodon</i> Hedw.	
<i>acutus</i> (Brid.) K. Saito	S, M
6; 14; 16; 19;	
<i>cordatus</i> Jur.	M
16; 19; 30;	
<i>fallax</i> (Hedw.) Zander	S, M
6; 14; 16; 19; 25;	
<i>ferrugineus</i> (Schimp. ex Besch) M. Hill	S, M
6; 16; 19;	
<i>insulanus</i> (De Not.) M. Hill	S, M
6; 28;	
<i>luridus</i> Hornsch. ex Spreng.	S, M
6; 16; 19;	
<i>rigidus</i> Hedw.	S, M
6; 16; 19;	
<i>sinuosus</i> (Mitt.) Delogne	S, M
16; 19; 22; 29;	
<i>spadiceus</i> (Mitt.) Limpr.	S, M
6; 14; 16; 17; 19;	
<i>tophaceus</i> (Brid.) Lisa	S, M
6; 16; 19; 25;	
<i>vinealis</i> (Brid.) Zander	S, M
6; 12; 14; 16; 19;	
<i>Diphyscium</i> Mohr.	
<i>foliosum</i> (Hedw.) Mohr.	S, M
6; 16; 19; 25;	
<i>Distichium</i> B., S. & G., nom cons.	
<i>capillaceum</i> (Hedw.) B., S. & G.	S, M
6; 12; 14; 16; 17; 19; 28;	

<i>inclinatum</i> (Hedw.) B., S. & G. 6; 14; 16; 17; 19;	S, M
<i>Ditrichum</i> Hampe, nom. cons. <i>cylindricum</i> (Hedw.) Grout 6; 8; 16; 19;	S, M
<i>flexicaule</i> (Schwaegr.) Hampe 6; 12; 14; 16; 17; 19; 25;	S, M
<i>heteromallum</i> (Hedw.) Britt. 6; 16; 19; 23; 25;	S, M
<i>pallidum</i> (Hedw.) Hampe 6; 16; 19;	S
<i>pusillum</i> (Hedw.) Hampe 16; 19;	M
<i>subulatum</i> Hampe 16; 19;	S, M
<i>Drepanocladus</i> (C. Müll.) G. Roth, nom. cons. prop. <i>aduncus</i> (Hedw.) Warnst. 6; 9; 12; 16; 19; 25; 28;	S, M
<i>revolvens</i> (Sw.) Warnst. 1; 6; 16;	S, M
<i>*sendtneri</i> (Schimp. ex H. Müll.) Warnst. 6; 16; 19;	S
<i>Encalypta</i> Hedw. <i>affinis</i> Hedw. 16;	S, M
<i>alpina</i> Sm. 6; 16; 17; 19; 28;	S, M
<i>ciliata</i> Hedw. 6; 14; 16; 19; 25;	S, M
<i>rhaptocarpa</i> Schwaegr. 6; 16; 17; 19; 28;	S, M
<i>?serbica</i> Katić 6; 16; 19;	S
<i>streptocarpa</i> Hedw. 6; 14; 16; 17; 19; 25;	S, M
<i>vulgaris</i> Hedw. 6; 12; 14; 16; 17; 19; 25;	S, M
<i>Funaria</i> Hedw. <i>hygrometrica</i> Hedw. 6; 12; 16; 19; 25;	S, M
<i>*microstoma</i> Bruch ex Schimp. 6; 16; 19; 25;	S, M
<i>muhlenbergii</i> Turn. 6; 14; 16; 19;	S, M

Entostodon Schwaegr.

attenuatus (Dicks.) Bryhn M
16; 19;

fascicularis (Hedw.) C. Müll. S
6; 16; 19;

**hungaricus* (Boros) Loeske S
2; 10; 11;

obtusum (Hedw.) Lindb. M
16; 19;

Ephemerum Hampe, nom. cons.

**recurvifolium* (Dicks.) Boul. M
16; 19; 30;

serratum (Hedw.) Hampe S, M
6; 16; 19;

**sessile* (Bruch) C. Müll. M
16; 19; 30;

Epipterigium Lindb.

tozeri (Grev.) Lindb. M
16; 19;

Eucladium B., S. & G.

verticillatum (Brid.) B., S. & G. S, M
6; 16; 17; 19;

Eurhynchium B., S. & G.

angustirete (Broth.) T. Kop. S
8; 17;

crassinervium (Wils.) Schimp. S, M
6; 16; 19;

flotowianum (Sendt.) Kartt. S
16; 19;

hians (Hedw.) Sande Lac. S, M
6; 12; 16; 19; 28;

meridionale (B., S. & G.) De Not. S, M
6; 16; 19;

praelongum (Hedw.) B., S. & G. S, M
14; 16; 19; 22;

pulchellum (Hedw.) Jenn. S, M
14; 16; 17; 19;

pumilum (Wils.) Schimp. S, M
16; 17; 19;

schleicheri (Hedw. f.) Jur. S, M
6; 16; 19; 28;

speciosum (Brid.) Jur. S, M
16; 17; 19; 25;

striatulum (Spruce) B., S. & G. S, M
6; 16; 19; 25;

<i>striatum</i> (Hedw.) Schimp.	S, M
6; 16; 19; 28;	
<i>Fabronia</i> Raddi	
<i>pusilla</i> Raddi	M
16;	
<i>Fissidens</i> Hedw.	
<i>*algarvicus</i> Solms	M
16; 19; 30;	
<i>adanthoides</i> Hedw.	S, M
6; 16; 17; 19; 25;	
<i>bryoides</i> Hedw.	S, M
6; 14; 16; 19; 25;	
<i>crassipes</i> Wils. ex B., S. & G.	S, M
6; 16; 19;	
<i>dubius</i> P. Beauv.	S, M
6; 9; 14; 16; 17; 19; 25;	
<i>exilis</i> Hedw.	M
16; 19;	
<i>limbatus</i> Sull.	M
16; 19;	
<i>rufulus</i> B., S. & G.	M
16; 19;	
<i>serrulatus</i> Brid.	M
16; 19; 29;	
<i>taxifolius</i> Hedw.	S, M
6; 14; 16; 19; 25; 28;	
<i>viridulus</i> (Sw.) Wahlenb.	M
16; 19;	
<i>Fontinalis</i> Hedw.	
<i>antipyretica</i> Hedw.	S, M
6; 14; 16; 17; 19; 22; 25;	
<i>hypnoides</i> Hartm.	M
16; 19;	
<i>Funariella</i> Sérgio	
<i>*curviseta</i> (Schwaegr.) Sérgio	S, M
6; 16; 19;	
<i>Grimmia</i> Hedw.	
<i>alpestris</i> (Web. & Mohr) Schleich. ex Hornsch.	M
19;	
<i>anodon</i> B. & S.	S, M
6; 16; 19;	
<i>*caespiticia</i> (Brid.) Jur.	M
30;	
<i>crinita</i> Brid.	S
6; 16; 19;	

<i>donniana</i> Sm.	S, M
16; 25;	
<i>elongata</i> Kaulf.	S
6; 16; 19;	
<i>funalis</i> (Schwaegr.) B. & S.	S
17;	
<i>hartmanii</i> Schimp.	S, M
6; 16; 19;	
<i>laevigata</i> (Brid.) Brid.	S, M
6; 16; 19;	
<i>montana</i> B. & S.	S
17;	
<i>orbicularis</i> Bruch ex Wils.	S, M
6; 19;	
<i>ovalis</i> (Hedw.) Lindb.	S
6; 16; 19; 25;	
<i>pulvinata</i> (Hedw.) Sm.	S, M
6; 9; 16; 17; 19; 25;	
<i>tergestina</i> Tomm. ex B., S. & G.	M
16; 19; 29;	
<i>trichophylla</i> Grev.	S, M
6; 16; 19;	
<i>Gymnostomum</i> Nees & Hornsch., nom. cons.	
<i>aeruginosum</i> Sm.	S, M
6; 16; 19;	
<i>calcareum</i> Nees & Hornsch.	S, M
6; 16; 19; 25;	
<i>Gyroweisia</i> Schimp. nom. cons.	
<i>tenuis</i> (Hedw.) Schimp.	M
16; 19;	
<i>Habrodon</i> Schimp.	
<i>perpusillus</i> (De Not.) Lindb.	M
16; 19;	
<i>Hamatocaulis</i> Hedenäs	
<i>vernicosus</i> (Mitt.) Hedenäs	S, M
1; 6; 12; 16; 19; 25;	
<i>Hedwigia</i> P. Beauv., nom. cons.	
<i>ciliata</i> (Hedw.) P. Baeuv.	S
6; 16; 19; 25;	
<i>Herzogiella</i> Broth.	
<i>seligeri</i> (Brid.) Iwats.	S, M
6; 12; 14; 16; 19; 25;	
<i>Heterocladium</i> B., S. & G.	
<i>dimorphum</i> (Brid.) B., S. & G.	S, M
6; 12; 14; 16; 17;	

<i>Hilpertia</i> Zander	
<i>velenovskyi</i> (Schiffn.) Zander	S
7; 10; 16;	
<i>Holmalia</i> (Brid.) B., S. & G. corr. Schimp.	
<i>besseri</i> Lob.	S
6; 16; 19;	
<i>lusitanica</i> Schimp.	M
19; 30;	
<i>trichomanoides</i> (Hedw.) B. S. & G.	S
6; 19;	
<i>Homalothecium</i> B., S. & G.	
<i>lutescens</i> (Hedw.) Robins.	S, M
6; 12; 14; 16; 19; 25; 28;	
<i>philippeanum</i> (Spruce) B., S. & G.	S, M
6; 9; 12; 14; 16; 17; 19; 22; 28;	
<i>sericeum</i> (Hedw.) B., S. & G.	S, M
6; 9; 14; 16; 19; 22; 28;	
<i>Homomallium</i> (Schimp.) Loeske	
<i>incurvatum</i> (Brid.) Loeske	S, M
6; 14; 16; 19;	
<i>Hygrohypnum</i> Lindb.	
<i>duriusculum</i> (De Not.) Jamieson	S
6; 16; 19;	
<i>eugyrium</i> (Schimp.) Broth.	S, M
6; 9;	
<i>luridum</i> (Hedw.) Jenn.	S, M
6; 9; 12; 14; 16; 19;	
<i>molle</i> (Hedw.) Loeske	S
6; 16;	
<i>ochraceum</i> (Turn. ex Wils.) Loeske	M
9;	
<i>Hylocomium</i> B., S. & G.	
<i>pyrenaicum</i> (Spruce) Lindb.	S, M
6; 16; 17; 19; 28;	
<i>splendens</i> (Hedw.) B., S. & G.	S, M
6; 9; 12; 14; 16; 17; 19; 25;	
<i>umbratum</i> (Hedw.) B., S. & G.	S
16; 19;	
<i>Hymenostylium</i> Brid.	
<i>recurvirostrum</i> (Hedw.) Dix.	M
9; 16; 19; 22;	
<i>Hypnum</i> Hedw., nom. cons.	
<i>bambergeri</i> Schimp.	S, M
14; 16; 17;	
<i>callichorum</i> Brid.	S
6; 16;	

<i>cupressiforme</i> Hedw.	S, M
6; 9; 12; 14; 16; 17; 19; 22; 25; 28;	
* <i>fertile</i> Sendtn.	S, M
6; 16; 19; 23;	
<i>imponens</i> Hedw.	S
6; 16; 19;	
<i>lindbergii</i> Mitt.	S, M
6; 14; 16; 19;	
<i>pallescens</i> (Hedw.) P. Beauv.	S, M
6; 16; 19; 25; 28;	
<i>recurvatum</i> (Lindb. & H. Arn.) Kindb.	S, M
6; 14;	
<i>revolutum</i> (Mitt.) Lindb.	S, M
16; 17;	
<i>sautri</i> Schimp.	S
17;	
<i>vaucheri</i> Lesq.	S, M
6; 14; 16; 17; 30;	
<i>Isopterygiopsis</i> Iwats.	
<i>pulchella</i> (Hedw.) Iwats.	S, M
14; 16; 19;	
<i>Isothecium</i> Brid.	
<i>alopecuroides</i> (Dubois) Isov.	S, M
6; 9; 12; 16; 17; 19; 25;	
<i>myosuroides</i> Brid.	S, M
6; 14; 16; 19;	
<i>Kiaeria</i> I. Hag.	
<i>falcata</i> (Hedw.) I. Hag.	M
16; 28;	
<i>Leptobarbula</i> Schimp.	
<i>berica</i> (De Not.) Schimp.	M
30;	
<i>Leptobryum</i> Wils.	
<i>pyriforme</i> (Hedw.) Wils.	S
6; 16; 19;	
<i>Leptodon</i> Mohr, nom. cons.	
<i>smithii</i> (Hedw.) Web. & Mohr	S, M
16; 19; 23;	
<i>Lescurea</i> B., S. & G.	
<i>mutabilis</i> (Brid.) Lindb. ex I. Hag.	S, M
6; 14; 16; 17; 19; 22;	
<i>Leskea</i> Hedw.	
<i>polycarpa</i> Hedw.	S, M
16; 17; 19; 23; 25;	

<i>Leucobrium</i> Hampe	
<i>glaucum</i> (Hedw.) Angstr.	S
6; 16; 19; 25;	
<i>Leucodon</i> Schwaegr.	
<i>sciuroides</i> (Hedw.) Schwaegr.	S, M
6; 9; 16; 17; 19; 25; 28;	
<i>Meesia</i> Hedw., nom. cons.	
<i>triquetra</i> (Richter) Angstr.	S
6; 16; 19;	
<i>uliginosa</i> Hedw.	S, M
14; 16; 17; 28;	
<i>Metaneckera</i> Steere	
<i>menziesii</i> (Hook.) Steere	S, M
12; 14; 16; 17; 19; 30;	
<i>Mnium</i> Hedw., nom. cons.	
<i>ambiguum</i> H. Müll.	S, M
16; 17;	
<i>hornum</i> Hedw.	S, M
6; 16; 19; 28;	
<i>marginatum</i> (Dicks.) P. Beauv.	S, M
6; 12; 16; 19; 25;	
<i>spinosum</i> (Voit) Schwaegr.	S, M
6; 14; 16;	
<i>spinulosum</i> B., S. & G.	S, M
6; 12; 14; 16; 19; 28;	
<i>stellare</i> Hedw.	S, M
6; 12; 14; 16; 17; 19;	
<i>thomasonii</i> Schimp.	S, M
6; 16; 17;	
<i>Myurella</i> B., S. & G.	
<i>julacea</i> (Schwaegr.) B., S. & G.	S, M
6; 12; 14; 16; 17; 28;	
<i>tenerrima</i> (Brid.) Lindb.	M
16; 28;	
<i>Neckera</i> Hedw., nom. cons.	
<i>complanata</i> (Hedw.) Hüb.	S, M
9; 14; 16; 19; 22; 25; 28;	
<i>crispa</i> Hedw.	S, M
6; 9; 16; 17; 19; 22; 25;	
<i>*pennata</i> Hedw.	S
6; 16; 19;	
<i>pumila</i> Hedw.	S, M
6; 23;	
<i>Oligotrichum</i> Lam. & DC.	
<i>hercynicum</i> (Hedw.) Lam. & DC.	S
17;	

<i>Oncophorus</i> (Brid.) Brid.	
<i>virens</i> (Hedw.) Brid.	S, M
6; 16; 28;	
<i>Orthothecium</i> B., S. & G., nom. cons.	
<i>intricatum</i> (Hartm.) B., S. & G.	S
6; 16; 17;	
<i>rufescens</i> (Brid.) B., S. & G.	S, M
14; 16; 25;	
<i>Orthotrichum</i> Hedw.	
<i>affine</i> Brid.	S, M
6; 16; 19;	
<i>anomalum</i> Hedw.	S, M
6; 12; 14; 16; 19; 25;	
<i>cupulatum</i> Brid.	S, M
6; 14; 16; 19;	
<i>diaphanum</i> Brid.	S, M
6; 16; 19;	
<i>lyellii</i> Hook. & Tayl.	S, M
6; 16; 19;	
<i>obtusifolium</i> Brid.	S
6; 16; 19;	
<i>pallens</i> Bruch ex Brid.	S
6; 16; 17; 19;	
<i>*patens</i> Bruch ex Brid.	S, M
6; 14; 16; 17; 19;	
<i>pulchellum</i> Bunt.	S
25;	
<i>pumilum</i> Sw.	S, M
6; 16; 19;	
<i>rupestre</i> Schleich. ex Schwaegr.	S
6; 16; 17; 19;	
<i>speciosum</i> Nees	S, M
16; 19; 23;	
<i>stellatum</i> Brid.	S
29;	
<i>stramineum</i> Hornsch. ex Brid.	S
16; 17; 19;	
<i>striatum</i> Hedw.	S, M
6; 14; 16; 19;	
<i>tenellum</i> Bruch ex Brid.	S
16; 19;	
<i>Oxystegus</i> (Limpr.) Hilp.	
<i>tenuirostris</i> (Hook. & Tayl.) A. J. E. Sm.	S, M
6; 16; 28;	

<i>Palustriella</i> Ochyra	
<i>commutata</i> (Hedw.) Ochyra	S, M
6; 9; 12; 14; 16; 17; 19; 22; 25;	
<i>decipiens</i> (De Not.) Ochyra	S, M
6; 12; 14; 16; 17; 19;	
<i>Paraleucobryum</i> (Limpr.) Loeske	
<i>longifolium</i> (Hedw.) Loeske	S
6; 16; 19;	
<i>*sauteri</i> (B., S. & G.) Loeske	M
30;	
<i>enerve</i> (Thed.) Loeske	S, M
6; 16; 17;	
<i>Phascum</i> Hedw.	
<i>cuspidatum</i> Hedw.	S, M
6; 16; 19; 25;	
<i>Philonotis</i> Brid.	
<i>arnellii</i> Husn.	S, M
6; 16; 19;	
<i>caespitosa</i> Jur.	S, M
16; 19;	
<i>calcarea</i> (B. & S.) Schimp.	S, M
6; 14; 16; 19; 25;	
<i>fontana</i> (Hedw.) Brid.	S, M
6; 16; 17; 19; 25; 28;	
<i>marchica</i> (Hedw.) Brid.	S, M
6; 16; 19;	
<i>rigida</i> Brid.	M
16; 19;	
<i>seriata</i> Mitt.	S, M
6; 12; 16; 19;	
<i>tomentella</i> Mol.	S
16; 17; 19;	
<i>Physcomitrium</i> (Brid.) Brid.	
<i>pyriforme</i> (Hedw.) Brid.	S, M
6; 16; 19; 25;	
<i>*sphaericum</i> (Ludw.) Brid.	S
6; 16; 19;	
<i>Plagiobryum</i> Lindb.	
<i>zieri</i> (Hedw.) Lindb.	S, M
6; 16; 19; 23;	
<i>Plagiomnium</i> T. Kop.	
<i>affine</i> (Bland.) T. Kop.	S, M
6; 14; 16; 19;	
<i>cuspidatum</i> (Hedw.) T. Kop.	S, M
6; 16; 25;	

<i>elatum</i> (B. & S.) T. Kop. 6; 12; 14; 16;	S, M
<i>ellipticum</i> (Brid.) T. Kop. 14; 16; 17;	S, M
<i>medium</i> (B. & S.) T. Kop. 6; 16; 17; 19;	S, M
<i>rostratum</i> (Scrad.) T. Kop. 1; 6; 16; 17; 19; 25; 28;	S, M
<i>undulatum</i> (Hedw.) T. Kop. 6; 12; 16; 17; 19; 22; 25; 28;	S, M
<i>Plagiopus</i> Brid.	
<i>oederiana</i> (Sw.) Crum & Anderson 6; 12; 14; 16; 19;	S, M
<i>Plagiothecium</i> B., S. & G., nom. cons. prop.	
<i>cavifolium</i> (Brid.) Iwats. 6; 16; 19; 23;	S, M
<i>denticulatum</i> (Hedw.) B., S. & G. 6; 12; 16; 17; 19; 25; 28;	S, M
<i>laetum</i> B., S. & G. 12; 14; 16;	S, M
<i>nemorale</i> (Mitt.) Jaeg. 6; 17; 19; 25; 28;	S, M
<i>platyphyllum</i> Mönk. 16;	S
<i>ruthei</i> Limpr. 14; 16; 17;	S, M
<i>succulentum</i> (Wils.) Lindb. 16;	S
<i>Platygyrium</i> B., S. & G., nom. cons.	
<i>repens</i> (Brid.) B., S. & G. 6; 16; 19;	S
<i>Pleuridium</i> Rabenh., nom. cons.	
<i>acuminatum</i> Lindb. 16;	S, M
<i>subulatum</i> (Hedw.) Rabenh. 6; 16; 19;	S, M
<i>Pleurochaete</i> Lindb.	
<i>squarrosa</i> (Brid.) Lindb. 6; 16;	S, M
<i>Pleurozium</i> Mitt., nom. cons. prop.	
<i>schreberi</i> (Brid.) Mitt. 6; 12; 14; 16; 19; 25;	S, M
<i>Pogonatum</i> P. Beauv.	
<i>aloides</i> (Hedw.) P. Beauv. 6; 16; 17; 19; 25;	S, M

<i>nanum</i> (Hedw.) P. Beauv. 16; 19;	S
<i>urnigerum</i> (Hedw.) P. Beauv. 6; 14; 16; 17; 19; 25; 28;	S, M
<i>Pohlia</i> Hedw.	
<i>annotina</i> (Hedw.) Lindb. 6; 19;	S
<i>camptotrachela</i> (Ren. & Card.) Broth. 16;	S
<i>cruda</i> (Hedw.) Lindb. 6; 14; 16; 17; 19; 28;	S, M
<i>drummondii</i> (C. Müll.) Andr. 16; 19;	M
<i>elongata</i> Hedw. 6; 12; 14; 16; 17; 19; 28;	S, M
<i>filum</i> (Schimp.) Mart. 23;	M
<i>longicollis</i> (Hedw.) Lindb. 12;	M
<i>melanodon</i> (Brid.) Shaw 6; 16; 19; 22;	S, M
<i>nutans</i> (Hedw.) Lindb. 6; 14; 16; 19; 28;	S, M
<i>wahlenbergii</i> (Web. & Mohr) Andr. 6; 16; 19;	S, M
<i>Polytrichum</i> Hedw.	
<i>alpinum</i> Hedw. 6; 16; 19; 25; 28;	S, M
<i>commune</i> Hedw. 6; 16; 14; 19; 25;	S, M
<i>formosum</i> Hedw. 6; 14; 16; 19; 25;	S, M
<i>juniperinum</i> Hedw. 6; 12; 14; 16; 17; 19; 25;	S, M
<i>longisetum</i> Sw. ex Brid. 16; 19; 25;	S
<i>piliferum</i> Hedw. 6; 16; 19; 25;	S, M
<i>sexangulare</i> Brid. 17;	S
<i>strictum</i> Brid. 19;	S
<i>Pottia</i> (Reichenb.) Fűrnr.	
<i>bryoides</i> (Dicks.) Mitt. 6; 9; 16; 19;	S, M

<i>crinita</i> Wils. ex B., S. & G. 16; 19;	M
<i>davalliana</i> (Sm.) C. Jens. 16;	S
<i>intermedia</i> (Turn.) Fürnr. 6; 16; 19;	S
<i>lanceolata</i> (Hedw.) C. Müll. 6; 16; 19; 25;	S, M
<i>recta</i> (With.) Mitt. 23;	M
<i>starckeana</i> (Hedw.) C. Müll. 16; 19;	M
<i>truncata</i> (Hedw.) B. & S. 6; 16; 19;	S
<i>Pseudobryum</i> (Kindb.) T. Kop. <i>cinclidioides</i> (Hüb.) T. Kop. 6; 16; 25;	S
<i>Pseudocrossidium</i> Williams <i>revolutum</i> (Brid.) Zander 16; 19;	M
<i>hornschuchianum</i> (K. F. Schultz) Zander 6; 16; 19; 28;	S, M
<i>Pseudoleskea</i> B., S. & G. <i>incurvata</i> (Hedw.) Loeske 6; 12; 14; 16; 17; 19; 25;	S, M
<i>radicosa</i> (Mitt.) Makoun & Kindb. 17;	S
* <i>saviana</i> (De Not.) Latz. 6; 16; 17; 19;	S, M
<i>Pseudoleskeella</i> Kindb. <i>catenulata</i> (Schrab.) Kindb. 6; 16; 17; 19;	S
<i>nervosa</i> (Brid.) Nyh. 6; 14; 16; 17; 19; 25; 28;	S, M
<i>tectorum</i> (Brid.) Kindb. ex Broth. 6; 16; 17; 19;	S
<i>Ptilium</i> De Not. <i>crista-castrensis</i> (Hedw.) De Not. 6; 16; 19;	S
<i>Pterygoneurum</i> Jur., nom. cons. <i>ovatum</i> (Hedw.) Dix. 6; 7; 16; 19;	S
<i>Pterigynandrum</i> Hedw. <i>filiforme</i> Hedw. 6; 12; 14; 16; 17; 19; 25;	S, M

<i>Pterogonium</i> Sw.	
<i>gracile</i> (Hedw.) Sm.	S, M
6; 16; 19;	
<i>Ptychodium</i>	
<i>plicatum</i> (Web. & Mohr) Schimp.	S, M
16; 17; 19;	
<i>Pylaisia</i> Schimp.	
<i>polyantha</i> (Hedw.) Schimp.	S, M
6; 16; 19; 22; 25;	
<i>Pyramidula</i> Brid.	
<i>*tertragona</i> (Brid.) Brid.	S
6; 16; 19;	
<i>Racomitrium</i> Brid.	
<i>canescens</i> (Hedw.) Brid.	S, M
6; 14; 16; 17; 19; 25;	
<i>elongatum</i> Frisvoll.	M
12;	
<i>ericoides</i> (Brid.) Brid.	S, M
16; 19;	
<i>heterostichum</i> (Hedw.) Brid.	S
6; 16; 17; 19;	
<i>sudeticum</i> (Funck) B. & S.	S
17;	
<i>Rhabdoweisia</i> B., S. & G.	
<i>fugax</i> (Hedw.) B., S. & G.	S
6; 16; 19;	
<i>Rhizomnium</i> T. Kop.	
<i>magnifolium</i> (Horik.) T. Kop.	S, M
12; 19;	
<i>pseudopunctatum</i> (B. & S.) T. Kop.	S
16; 17;	
<i>punctatum</i> (Hedw.) T. Kop.	S, M
6; 14; 16; 17; 19; 25;	
<i>Rhodobryum</i> (Schimp.) Limpr. nom. cons. prop.	
<i>roseum</i> (Hedw.) Limpr.	S
6; 16; 19; 25;	
<i>Rhynchostegiella</i> (B., S. & G.) Limpr.	
<i>curviseta</i> (Brid.) Limpr.	M
16; 19;	
<i>teesdalei</i> (B., S. & G.) Limpr.	M
16; 19;	
<i>tenella</i> (Dicks.) Limpr.	M
16; 19;	
<i>Rhynchostegium</i> B., S. & G.	
<i>confertum</i> (Dicks.) B., S. & G.	M
16; 19;	

<i>megapolitanum</i> (Web. & Mohr) B., S. & G. 6; 16; 19;	S, M
<i>murale</i> (Hedw.) B., S. & G. 6; 16; 19;	S
<i>riparioides</i> (Hedw.) Card. 6; 9; 16; 17; 19; 22;	S, M
<i>Rhytidiadelphus</i> (Limpr.) Warnst. <i>loreus</i> (Hedw.) Warnst. 6; 16; 19; 25;	S, M
<i>squarrosus</i> (Hedw.) Warnst. 6; 14; 16; 19; 25; 28;	S, M
<i>triquetrus</i> (Hedw.) Warnst. 6; 9; 12; 14; 16; 17; 19; 22; 15; 18;	S, M
<i>Rhytidium</i> (Sull.) Kindb. <i>rugosum</i> (Hedw.) Kindb. 6; 16; 17; 19;	S
<i>Saelania</i> Lindb. <i>glaucescens</i> (Hedw.) Broth. 6; 14; 16; 17; 19;	S, M
<i>Sanionia</i> Loeske <i>uncinata</i> (Hedw.) Loeske 6; 12; 14; 16; 19; 25; 28;	S, M
<i>Schistidium</i> Brid. <i>rivulare</i> (Brid.) Podp. 16;	M
<i>agassizii</i> Sull. & Lesq. 14;	M
<i>apocarpum</i> (Hedw.) B. & S. 6; 9; 12; 14; 16; 17; 19; 22; 25;	S, M
<i>atrofusum</i> (Schimp.) Limpr. 16; 17;	S, M
<i>brunnescens</i> Limpr. 16; 19;	S
<i>pulvinatum</i> (Hedw.) Brid. 16;	S
<i>Scleropodium</i> B., S. & G. <i>purum</i> (Hedw.) Limpr. 6; 14; 16; 19; 25; 28;	S, M
<i>touretii</i> (Brid.) L. Koch 16; 19;	S, M
<i>Scorpidium</i> (Schimp.) Limpr. <i>scorpioides</i> (Hedw.) Limpr. 6; 16;	S
<i>turgescens</i> (T. Jens.) Loeske 1;	M

<i>Scorpiurium</i> Schimp.	
<i>circinatum</i> (Brid.) Fleisch. & Loeske	M
16; 19;	
<i>Sematophyllum</i> Mitt.	
<i>substrumulosum</i> (Hampe) Britt.	M
16; 19; 30;	
<i>Seligeria</i> B., S. & G.	
<i>recurvata</i> (Hedw.) B., S. & G.	M
16; 19;	
<i>Sphagnum</i>	
<i>capillifolium</i> (Ehrh.) Hedw.	S
6; 16; 19; 25;	
<i>centrale</i> C. Jeans	S, M
6; 12; 16; 19;	
<i>contortum</i> K. F. Schultz	S, M
1; 6; 16; 19;	
<i>cuspidatum</i> Ehrh. ex Hoffm.	S
16; 19; 25;	
<i>fallax</i> (Klinggr.) Klinggr.	S
16; 19;	
<i>flexuosum</i> Dozy & Molk.	S
6; 16; 19;	
<i>fuscum</i> (Schimp.) Klinggr.	S
6; 19;	
<i>girgensohnii</i> Russ.	S
6; 16; 19;	
<i>magellanicum</i> Brid	S
16; 17; 19;	
<i>molle</i> Sull	S
16;	
<i>obtusatum</i> Warnst.	S
6; 16; 19;	
<i>palustre</i> L.	S
6; 16; 19; 25;	
<i>papillosum</i> Lindb.	S
16;	
<i>platyphyllum</i> (Lindb. ex Braithw.) Sull. ex Warnst.	S
6; 16; 17; 19;	
<i>rubellum</i> Wills	S
25;	
<i>russowii</i> Warnst	S
16; 19;	
<i>squarrosum</i> Crome	S, M
1; 12; 16; 19; 25;	
<i>subnitens</i> Russ. & Warnst.	M
1; 12;	

<i>subsecundum</i> Nees	S
6; 16; 19; 25;	
<i>teres</i> (Schimp.) Angstr.	S
6; 16; 19;	
<i>warnstorffii</i> Russ.	S
6; 16; 17;	
<i>Splachnum</i> Hedw.	
<i>sphaericum</i> Hedw.	S
6; 16; 19;	
<i>ampullaceum</i> Hedw.	M
1;	
<i>Stegonia</i> Vent.	
<i>latifolia</i> (Schwaegr.) Vent. ex Broth.	S
17;	
<i>Taxiphyllum</i> Fleisch.	
<i>wissgrillii</i> (Garov.) Wijk. & Marg.	S
16; 19; 29;	
<i>Tayloria</i> Hook.	
<i>*froelichiana</i> (Hedw.) Mitt. ex Broth.	S, M
6; 16; 30;	
<i>Tetraphis</i> Hedw.	
<i>pellucida</i> Hedw.	S, M
6; 14; 16; 25;	
<i>Tetraplodon</i> B., S. & G.	
<i>mnioides</i> (Hedw.) B. & S.	M
1;	
<i>Timmia</i> Hedw., nom. cons.	
<i>austriaca</i> Hedw.	S
17;	
<i>bavarica</i> Hessel.	M
30;	
<i>norvegica</i> Zett.	M
14; 16;	
<i>Timmiella</i> (De Not.) Limpr.	
<i>anomala</i> (B. & S.) Limpr.	S
6;	
<i>Thamnobryum</i> Nieuwl.	
<i>alopecurum</i> (Hedw.) Gang.	S, M
6; 16; 19;	
<i>Thuidium</i> B., S. & G.	
<i>abietinum</i> (Hedw.) B., S. & G.	S, M
6; 14; 16; 17; 19; 25; 28;	
<i>delicatum</i> (Hedw.) Mitt.	S, M
6; 9; 16; 19; 22;	
<i>minutulum</i> (Hedw.) B., S. & G.	S
25;	

<i>philibertii</i> Limpr.	S
6; 16; 17; 19;	
<i>recognitum</i> (Hedw.) Lindb.	S, M
6; 16; 19; 25;	
<i>tamariscinum</i> (Hedw.) B., S. & G.	S, M
6; 16; 19; 25;	
<i>Tomentypnum</i> Loeske	
<i>nitens</i> (Hedw.) Loeske	S
6; 16; 19;	
<i>Tortella</i> (Lindb.) Limpr., nom. cons.	
<i>flavovirens</i> (Bruch) Broth.	S, M
6; 16; 19;	
<i>fragilis</i> (Drumm.) Limpr.	M
9; 16; 19;	
<i>humilis</i> (Hedw.) Jenn.	S, M
6; 16; 19; 22; 29;	
<i>inclinata</i> (Hedw.f.) Limpr.	S, M
6; 16; 17; 19;	
<i>inflexa</i> (Bruch) Broth.	M
16; 19;	
<i>nitida</i> (Lindb.) Broth.	S, M
6; 16; 19;	
<i>tortuosa</i> (Hedw.) Limpr.	S, M
6; 9; 12; 14; 16; 17; 19; 25; 30;	
<i>Tortula</i> Hedw., nom. cons.	
<i>atrovirens</i> (Sm.) Lindb.	M
16; 19;	
<i>canescens</i> Mont.	S, M
6; 16; 19;	
<i>caninervis</i> (Mott.) Broth	S
2; 27;	
<i>cuneifolia</i> (Dicks.) Turn.	M
16; 19; 29;	
<i>inermis</i> (Brid.) Mont.	S, M
6; 16; 19; 22; 30;	
<i>intermedia</i> (Brid.) De Not.	S, M
6; 16; 17; 19; 25;	
<i>laevipila</i> (Brid.) Schwaegr.	S, M
6; 16; 19;	
<i>latifolia</i> Bruch ex Hartm.	S
25;	
<i>*lingulata</i> Lindb.	M
16; 19;	
<i>marginata</i> (B. & S.) Spruce	M
16; 19;	

<i>mucronifolia</i> Schwaegr.	M
30;	
<i>muralis</i> Hedw.	S, M
6; 9; 17; 19; 22; 25;	
<i>norvegica</i> (Web.) Wahlenb. ex Lindb.	M
14;	
<i>obtusifolia</i> (Schwaegr.) Math.	M
16; 30;	
* <i>princeps</i> De Not.	S, M
16; 23;	
<i>ruraliformis</i> (Besch.) Grout.	S
17;	
<i>ruralis</i> (Hedw.) Gaertn., Mayer & Scherb.	S, M
6; 12; 14; 16; 19; 25; 28;	
* <i>sinensis</i> (C. Müll.) Broth.	S
17;	
<i>subulata</i> Hedw.	S, M
6; 12; 14; 16; 19; 22; 25; 28;	
<i>virescens</i> (De Not.) De Not.	S
6; 19;	
<i>Trichostomum</i> Bruch., nom. cons.	
<i>brachyodontium</i> Bruch	S, M
6; 14; 16; 19;	
<i>crispulum</i> Bruch	S, M
6; 16; 19;	
<i>Trochobryum</i> Breidl. & Beck	
* <i>carniolicum</i> Breidl. & Beck	S
6; 16; 19;	
<i>Ulota</i> Mohr	
<i>crispa</i> (Hedw.) Brid.	S
6; 16; 19;	
<i>drummondii</i> (Hook. & Grev.) Brid.	S
25;	
<i>hutchinsiae</i> (Sm.) Hammar	S
6; 16; 19;	
<i>Warnstorfia</i> Loeske	
<i>exannulata</i> (B., S. & G.) Loeske	S, M
6; 16; 19; 23;	
<i>fluitans</i> (Hedw.) Loeske	S
6; 16; 19; 25;	
<i>Weissia</i> Hedw.	
<i>brachycarpa</i> (Nees & Hornsch.) Jur.	S, M
6; 16; 19;	
<i>condesa</i> (Voit) Lindb.	M
16; 19;	

<i>controversa</i> Hedw.	S, M
6; 16; 19; 25;	
* <i>levieri</i> (Limpr.) Kindb.	M
16; 19; 30;	
<i>longifolia</i> Mitt.	M
16; 19;	
<i>rutilans</i> (Hedw.) Lindb.	M
16; 19;	
* <i>triumphans</i> (De Not.) M. Hill	M
9; 16; 19; 30;	
<i>Zygodon</i> Hook. & Tayl.	
* <i>forestri</i> (Dicks.) Mitt.	M
16; 19; 30;	
<i>viridissimus</i> (Dicks.) Brid.	M
16; 19;	

According to literature data dealing with the Federal Republic of Yugoslavia, 512 species of native mosses, belonging to 160 genera and 37 families, are distributed in Yugoslavia. This number accounts for 44.28 % of European moss species (Corley & Crundwell 1991). The total of 423 and 367 native mosses occur in Serbia and Montenegro, respectively. Out of the total number of native mosses, distributed in Yugoslavia, 144 grow only in Serbia, and 89 only in Montenegro, whereas 278 are common to both republics. Moss flora of Serbia makes 36.30% while that occurring in Montenegro accounts for 31.80% of European moss flora. Thus, it may be concluded that Montenegro is much richer in moss species than Serbia, bearing in mind that Montenegro is much smaller than Serbia. Anyway, this finding should be taken with reserve, given that bryological investigations in Serbia were only at the initial stage.

This count includes *Encalypta serbica* Katić having doubtful taxonomic status.

This taxon could not have been placed in any contemporary synonyms, and thus it needs more investigation.

For most of the species listed there is no evidence of recent records owing to the small number of bryologists in Yugoslavia. For some of them the last record was established at the end of the last and the beginning of this century.

Thirty seven species of the present census of Yugoslav mosses were listed in the Red Data Book of European Bryophytes (ECCB 1995). In the following list the species marked with an asterisk are endemic to Europe, including Macaronesia. Their threatened status in Europe is given in the parentheses.

<i>Amblystegium saxatile</i> Schimp.	(R)
<i>Anacamptodon splachnoides</i> (Brid.) Brid.	(E)
<i>Andreaea rothii</i> Web. & Mohr	(R)
<i>Anoetangium hornschurchianum</i> (Hook.) Funck	(V)
* <i>Barbula bicolor</i> (B. S. & G.) Lindb.	(V)
* <i>Barbula enderesii</i> Garov.	(V)
<i>Brachythecium geheebii</i> Milde	(R)

<i>Brachythecium oxycladum</i> (Brid.) Jaeg.	(R)
<i>Buxbaumia viridis</i> (Moug. ex Lam. & DC) Brid. ex Muog. & Nestl.	(V)
<i>Campylopus setifolius</i> Wils.	(R)
<i>Dicranodontium asperulum</i> (Mitt.) Broth.	(K)
<i>Dicranum viride</i> (Sull. & Lesq.) Lindb.	(V)
<i>Drepanocladus sendtneri</i> (Schimp. ex H. Müll.) Warnst.	(RT)
<i>Enthostodon hungaricus</i> (Boros) Loeske	(R)
<i>Ephemerum recurvifolium</i> (Dicks.) Boul	(R)
<i>Ephemerum sessile</i> (Bruch) C. Müll.	(R)
<i>Fissidens algarvicus</i> Solms	(K)
<i>Funaria microstoma</i> Bruch ex Schimp.	(K)
<i>Funariella curviseta</i> (Schwegr.) Sérgio	(RT)
<i>Grimmia caespiticia</i> (Brid.) Jur.	(R)
* <i>Hilpertia velenovskyi</i> (Schiffn.) Zender	(V)
<i>Hypnum fertile</i> Sendt.	(RT)
<i>Neckera pennata</i> Hedw.	(V)
<i>Orthotrichum patens</i> Bruch ex Brid.	(T)
<i>Orthotrichum stellatum</i> Brid.	(R)
<i>Paraleucobryum sauteri</i> (B. S. & G) Loeske	(R)
<i>Pseudoleskea saviana</i> (De Not.) Latz.	(RT)
<i>Physcomitrium sphaericum</i> (Ludw.) Brid.	(R)
<i>Pyramidula tetragona</i> (Brid.) Brid.	(V)
<i>Tayloria froelichiana</i> (Hedw.) Mitt ex Broth.	(RT)
<i>Tortula lingulata</i> Lindb.	(K)
<i>Tortula princeps</i> De Not.	(T)
<i>Tortula sinensis</i> (C. Müll.) Broth.	(R)
* <i>Trochobryum carniolicum</i> Breidl. & Beck.	(E)
<i>Weissia levieri</i> (Limpr.) Kindb.	(R)
<i>Weissia triumphans</i> (De Not.) M. Hill	(K)
<i>Zygodon forestri</i> (With.) Mitt.	(V)

Acknowledgements

We would like to thank Dr Söderström (Norway), Dr Corley (U.K.), Mr Blockeel (U.K.) and Dr Düll (Germany) who sent us some reprints that helped us in the study of mosses occurring in the Federal Republic of Yugoslavia, and in the recognition of the recent nomenclature. We are also grateful to Dr Söderström for his useful remarks, and to the botanists of the Department of Plant Ecology and Plant Geography, University of Belgrade, who did not show impatience when we were searching for published bryological records, from FRY, in the shelves accommodate in their offices and laboratories. And at last we extend our thanks to Mrs Danko Filipovic for revising our English.

References

1. Birks, H. J. B. & Walters, S. M. 1973: The Flora and Vegetation of Barro Jezero, Durmitor, Montenegro. — Glasnik Republičkog Zavoda za Zaštitu Prirode i Prirodnjačkog Muzeja u Titogradu **5**: 5-23.
2. Boros, A. 1968: Bryogeographie und Bryoflora Ungarns. — Budapest.

3. — 1970: Presence de *Funaria hungarica* Boros en Yougoslavie. — Revue Bryologique et Lichénologique **37**.
4. Corley, M. F. V., Crundwell, A. C., Düll, R., Hill, O. M. & Smith, A. J. E. 1981: Mosses of Europe and the Azores; an annotated list of species, with synonyms from the recent literature. — Journal of Bryology **11**: 609-689.
5. — & Crundwell, A. C. 1991: Additions and amendments to the mosses of Europe and the Azores. — Journal of Bryology **16**: 337-356.
6. Gajić, M., Korać, M. & Obratov, D. 1991: Pregled mahovina u Srbiji. Zbornik radova sa simpozijuma "Nedeljko Košanin i Botaničke nauke": 400-407. — Ivanjica.
7. Gallé, L. 1974: Lichenológiai adatok a Jugoszláviai vajdaság területéről. — Bot. Közlem. **61**. kötet I. füzet: 37-41.
8. Grgić, P. 1983: Prilog poznavanju mahovina u ekosistemima sa Pančičevom omorikom. — Godišnjak Biološkog Instituta Univerziteta u Sarajevu **36**: 73-78.
9. — 1989: Karakteristike učešća briofita u nekim reliktnim kanjonskim biocenozama. — Glasnik odeljenja prirodnih nauka **7**: 207-219.
10. Guelmino, J. 1970: Prva nalazišta mahovine *Funaria hungarica* Boros u Jugoslaviji. — Zbornik za prirodne nauke Matice Srpske **40**: 176-178.
11. — 1972: Nova nalazišta dve malo poznate mahovine kod nas u Jugoslaviji (*Funaria hungarica* Boros i *Tortula velenovskyi* Schiffner). Neue Fundorte zwei wenig bekannten Moosen in Jugoslawien. — Zbornik za prirodne nauke Matice Srpske **42**: 106-109.
12. Kürschner, H. & Parolly, G. 1997: Additions to the bryophyte flora of the Durmitor National Park (Crna Gora) and a first conspectus of all records. — Willdenovia **27**: 249-264.
13. Martinčić, A. 1963: Rod *Andeaea* Hedw. v Jugoslaviji. — Biološki Vestnik **11**: 15-19.
14. — 1964: Prispevek k poznavanju mahovne flore Jugoslavije I. Durmitor (Crna Gora) (Beiträge zur Kenntnis der Moosflora Jugoslawiens I Durmitor (Montenegro). — Biološki Vestnik **12**: 14-19.
15. — 1966: Elementi mahovne flore Jugoslavije ter njihova horološka in ekološka problematika. — Razprave **9**: 7-82.
16. — 1968: Catalogus Florae Jugoslaviae. — Ljubljana.
17. — 1980: Prispevek k poznavanju mahovne flore Jugoslavije II. Šar planina (Beiträge zur Kenntnis der Moosflora Jugoslawiens II. Šar pl.). — Biološki Vestnik **28**(2): 87-102.
18. Mišić, V., Jovanović-Dunjić, R., Popović, M., Borisavljević, L., Antić, M., Dinić, A., Danon, J. & Blazenčić, ... 1978: Plant communities and habitats of the Stara planina mountains. — Belgrade.
19. Pavletić, Z. 1955: Prodromus Flore Briofita Jugoslavije. — Zagreb.
20. — 1956: Prilog poznavanju briofitskog endemizma u flori Jugoslavije. — Acta Mus. Mac. Scient. natur. **4**(2): 23-39.
21. — 1968: Flora Mahovina Jugoslavije. — Zagreb.
22. — & Pulević, V. 1975: Preakumulacijski aspekt Briofita u kanjonu Reke Pive. — Glasnik Republičkog Zavoda za Zaštitu Prirode i Prirodnjačkog Muzeja u Titogradu **8**: 93-99.
23. — & — 1980: A Contribution to the Bryophytic Flora of Montenegro. — The Montenegrin Academy of Sciences and Arts, Section of Natural Sciences **3**: 111-131.
24. Podpěra, J. 1954: Conspectus Muscorum Europaeorum. — Praha.
25. Popović, M. 1966: Prilog poznavanju mahovina u rezervatima i zaštićenim područjima u Srbiji. — Zaštita prirode **33**: 219-228.
26. Smith, A. J. E. 1993: The Moss Flora of Britain and Ireland. — Cambridge.
27. Tóth, Z. 1986: A *Tortula* Hedw. sect. *Rurales* De Not (*Musci, Pottiaceae*) redszertani revíziója és elterjedése a Kárpát - Medencében. — Abstracta Botanica **10**: 145-185.

28. Vilhelm, J. 1923: Additamenta floristica in bryofloram monenegrinam. — *Acta Botanica Bohemica* **2**: 46-50.
29. Veljić, M. & Marin, D. M. 1997: New moss taxa for the flora of Serbia. — *Fl. Medit.* **7**: 133-138.
30. ECCB 1995: Red Data Book of European bryophytes. — The European Committee for Conservation of Bryophytes, Trondheim.

Address of the authors:

Marko Sabovljević & Vladimir Stevanović, Institute of Botany and Botanical Garden, Takovska 43, YU-11000 Belgrade, Yugoslavia.