

DRAFT of “The conservation status of bryophytes in North-East England, in 2010”

Introduction

An account is presented here of the current conservation status of all bryophyte taxa known to occur in the three main vice-counties of North-east England (VCs 66, 67 & 68). Lists of RDB, legally protected, nationally rare & scarce and regionally rare & scarce taxa are presented, followed by a systematic list of all taxa recorded from the region up to the end of 2010. It is intended that this systematic list will be annotated in the near future with brief comments on the occurrence of each taxon in the region, with any major trends in abundance or distribution highlighted. An index and a table of contents will also be included in future versions. For further, more detailed information on the distribution of bryophyte taxa in the region see the distribution maps on ‘The flora of North-east England’ website at <http://www.botanicalkeys.co.uk/northumbria/search.asp>, which are updated roughly every six months.

Background

Apart from the up to date distribution maps on the web, the following are the most recent published sources of information on bryophyte distribution and conservation status within the region:

- Graham (1988) – this county flora included a bryophyte section with the more common species mapped on a tetrad (2km x 2km grid squares) scale. The number of tetrads covered for bryophytes was less than 20%, so these maps can be misleading at this scale.
- Duncan (1950) – the most recent source of published information on bryophytes in Northumberland that attempted to include all taxa, with brief accounts of each taxon.
- Kerslake (1998) – bryophytes of conservation interest in Northumberland are listed, based on a desktop search of mostly old records.
- Hill *et al.* (1991-4) – a series of distribution maps covering the British Isles on a hectad (10km x 10km grid squares) scale.

Since all of these publications, there have been extensive revisions to bryophyte nomenclature and taxonomy and the current standard source is Hill *et al.* (2008). Nomenclature in this document follows Hill *et al.* (2008). Almost all of the criteria for assessing conservation status have been revised since Kerslake (1998) was published. Revised lists are contained in BRIG (2007), Hodgetts (2011), Preston (2006), Preston (2010).

The main additional sources of species statuses and designations based on domestic legislation and international directives and conventions include:

- The Wildlife & Countryside Act, 1981
- The Natural Environment and Rural Communities (NERC) Act, 2006.
- The Habitats Directive.
- The Bern Convention.

Amendments to all of these can occur and a master spreadsheet of all species designations and statuses is maintained on the JNCC website <http://www.jncc.gov.uk/page-3408>, which is updated regularly in an attempt to include all modifications to these various lists.

Some facts and figures

If subspecies and varieties are counted as separate taxa, but all potential sources of double-counting (e.g. cases where both a species in a broad sense or a species aggregate and a species, variety or subspecies in a more strictly defined sense are listed) are counted as one taxon, then there have been 652 taxa recorded in the region. VC66 has 538 taxa, VC67 has 502 taxa and VC68 has 526 taxa. These figures compare to the 1,110 taxa listed for Britain and Ireland in Hill *et al.* (2008).

We have twenty-one Red List species, including: three that are categorised as 'Regionally Extinct' ('region' in this case refers to Britain as a whole); two that are 'Critically Endangered'; three that are 'Endangered' and thirteen that are 'Vulnerable'. In addition to these Red List species, other species of conservation concern include: eleven 'Near Threatened' species and; five that are 'Data Deficient'.

One of our species is listed on the Bern Convention. Two of our species and one genus (*Sphagnum*) are listed in Annex II of the Habitats Directive. Three of our species are protected under Schedule 8 of the Wildlife & Countryside Act, 1981.

Twenty-one of our species are UKBAP Priority species and eighteen of these are 'Species of Principle Importance in England', under Section 41 of the NERC Act, 2006.

We have sixteen taxa that are currently considered as 'Nationally Rare', i.e. recorded in recent times in 1 to 15 hectads in Britain. We also have 119 taxa (or 117 if double-counting is avoided) that are 'Nationally Scarce', i.e. recorded in recent times in 16 to 100 hectads in Britain.

Regionally rare and scarce species

When assessing conservation significance, it is useful to consider the local or regional context in addition to the various national and international listings. To do this objectively and accurately, ideally we would need accurate and comprehensive data on the abundance of all taxa, on a finer scale than hectads for the region. Unfortunately this level of detail is not available and is unlikely to be available for some time. Therefore, for the time being, the most appropriate semi-objective method of assessing regional rarity of bryophyte species in North-east England, is by comparing presence/absence data on a hectad scale, as we have reasonably complete data at this level.

I have arbitrarily chosen 1 to 3 hectad records as representing 'Regionally Rare' taxa and 4 to 10 hectad records as representing 'Regionally Scarce' taxa. Records from all dates are included, which again is not ideal. Based on these criteria, 182 taxa are 'Regionally Rare' and a further 132 taxa are 'Regionally Scarce'.

There are plans to undertake a comprehensive survey of bryophytes in Northumberland over the next 10 years which would give us much better data on which to assess conservation status within Northumberland.

John O'Reilly, February 2011.

References

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Red List bryophytes in North-east England

A revised list of Red List bryophyte species in Britain is presented in Hodgetts (2011) where the definitions of the various categories and the criteria for designation are explained. The first four categories below represent the Red List species. The final two categories can also be considered as species of conservation concern.

The eight species listed in the first three categories (RE, CR & EN) could be considered to be the species of most conservation interest in our region. The word 'region' in the 'RE-Regionally Extinct' category, refers to Britain as a whole. Any other use of the word 'region' in this document refers to the region covered by VCs 66, 67 & 68.

RE = Regionally Extinct

Bryum turbinatum

Bryum uliginosum

Dicranum elongatum

CR = Critically Endangered

Aplodon wormskioldii

Seligeria carniolica

EN = Endangered

Orthotrichum pallens

Orthotrichum pumilum

Sphagnum balticum

VU = Vulnerable

Anomodon longifolius

Bryum calophyllum

Bryum knowltonii

Bryum marratii

Cynodontium polycarpon

Dicranum spurium

Dicranum undulatum

Grimmia elongata

Homomallium incurvatum

Nardia insecta

Orthodontium gracile

Splachnum vasculosum

Tomentypnum nitens

NT = Near Threatened

Barbilophozia kunzeana

Bryum creberrimum

Bryum kunzei

Bryum warneum

Buxbaumia aphylla

Cephaloziella spinigera
Dicranum flexicaule
Hygrohypnum duriusculum
Leiocolea gillmanii
Orthotrichum speciosum
Pseudocalliergon lycopodioides

DD = Data Deficient

Bryum intermedium
Dicranum leioneuron
Moerckia flotoviana
Moerckia hibernica agg.
Seligeria trifaria sensu lat.

Bryophyte species in North-east England that are protected by legislation or listed in international conventions or directives

On the Habitats Directive, *Petalophyllum ralfsii* is listed for protection because of its rarity and vulnerability. *Leucobryum glaucum* and *Sphagnum* are sometimes collected from the wild for commercial reasons. They are listed here in order to protect them from over-collection. For detailed advice on what these listings mean it is best to refer to the original legislation/directive/convention. The data here were taken from the JNCC master taxon designations spreadsheet, dated 21/1/2011.

Bern Convention

Petalophyllum ralfsii

EU Habitats Directive

Leucobryum glaucum

Petalophyllum ralfsii

Sphagnum

Wildlife & Countryside Act - Schedule 8

Anomodon longifolius

Petalophyllum ralfsii

Sphagnum balticum

BAP species and Species of Principle Importance

Revised lists of UKBAP Priority species are published in BRIG (2007). Species of Principle Importance in England are listed in section 41 of the NERC Act, 2006. The data on the NERC Act species are taken from the JNCC master taxon designations spreadsheet dated 21/1/2011.

Two of the three UKBAP Priority species which are not included as Species of Principle Importance in England, are excluded from the latter list as they are now considered extinct in Britain. The reasons for excluding *Barbilophozia kunzeana* from that list are unclear to me. Our region is within a core part of the geographical range of this species in Britain and two new hectads records have been discovered for it in Northumberland since 2005.

UKBAP Priority species, which are also Species of Principle Importance in England

Anomodon longifolius
Aplodon wormskioldii
Bryum calophyllum
Bryum knowltonii
Bryum marratii
Bryum warneum
Dicranum spurium
Ditrichum plumbicola
Grimmia elongata
Homomallium incurvatum
Orthodontium gracile
Orthotrichum pallens
Orthotrichum pumilum
Petalophyllum ralfsii
Seligeria carniolica
Sphagnum balticum
Splachnum vasculosum

UKBAP Priority species, which are not Species of Principle Importance in England

Barbilophozia kunzeana
Bryum uliginosum
Dicranum elongatum

Nationally rare and scarce bryophytes in North-east England

The most recent revisions to these lists are contained in Preston (2006) and Preston (2010). Nationally Rare species are those that have recent records from between 1 and 15 hectads in Britain. Nationally Scarce species are those that have recent records from between 16 and 100 hectads in Britain. Some taxa which have fewer than 100 hectad records are excluded from the list of Nationally Scarce taxa, as they are known to be spreading or under-recorded and it is likely that they already occur in more than 100 hectads in Britain in reality.

Nationally Rare

Anomodon longifolius
Aplodon wormskioldii
Bryum calophyllum
Bryum marratii
Bryum uliginosum
Cynodontium polycarpon
Dicranum elongatum
Dicranum leioneuron
Homomallium incurvatum
Nardia insecta
Orthodontium gracile
Orthotrichum pallens
Orthotrichum pumilum
Orthotrichum speciosum
Seligeria carniolica
Sphagnum balticum

Nationally Scarce

Abietinella abietina var. abietina
Aloina ambigua
Aloina brevirostris
Aloina rigida
Amblyodon dealbatus
Amblystegium confervoides
Amphidium lapponicum
Andreaea megistospora
Andreaea mutabilis
Barbilophozia kunzeana
Barbilophozia lycopodioides
Bartramia halleriana
Brachydontium trichodes
Brachythecium salebrosum
Bryum creberrimum
Bryum elegans
Bryum intermedium
Bryum knowltonii
Bryum kunzei

Bryum mildeanum
Bryum torquescens
Bryum warneum
Bryum weigeli
Buxbaumia aphylla
Calypogeia azurea
Calypogeia integristipula
Campyliadelphus elodes
Campylophyllum calcareum
Campylopus subulatus
Campylostelium saxicola
Catoscopium nigrum
Cephalozia catenulata
Cephalozia loitlesbergeri
Cephalozia macrostachya sensu lato
Cephalozia macrostachya var. spiniflora
Cephaloziella spinigera
Cephaloziella stellulifera
Cinclidium stygium
Cololejeunea rossettiana
Conardia compacta
Cynodontium jenneri
Dicranella crispa
Dicranodontium asperulum
Dicranum spurium
Dicranum undulatum
Discelium nudum
Distichium inclinatum
Ditrichum plumbicola
Ditrichum zonatum
Drepanocladus sendtneri
Encalypta ciliata
Encalypta rhaptocarpa
Ephemerum recurvifolium
Ephemerum sessile
Fissidens rufulus
Fossombronia fimbriata
Grimmia decipiens
Grimmia elongata
Grimmia incurva
Grimmia longirostris
Grimmia orbicularis
Grimmia ovalis
Haplomitrium hookeri
Hygrohypnum duriusculum
Hypnum imponens

Kiaeria falcata
Leiocolea gillmanii
Leiocolea heterocolpos
Lophozia longidens
Lophozia obtusa
Lophozia perssonii
Meesia uliginosa
Microbryum starckeanum
Moerckia flotoviana
Moerckia hibernica agg.
Nardia geoscyphus
Oedipodium griffithianum
Petalophyllum ralfsii
Philonotis arnellii
Philonotis caespitosa
Philonotis tomentella
Plagiopus oederianus
Plagiothecium laetum
Platydictya jungermannioides
Pohlia filum
Pohlia ludwigii
Pseudobryum cinclidioides
Pseudocalliergon lycopodioides
Pseudoleskeella catenulata
Pterigynandrum filiforme
Pterygoneurum ovatum
Pylaisia polyantha
Racomitrium canescens sensu stricto
Rhytidium rugosum
Riccardia incurvata
Riccia cavernosa
Riccia huebeneriana
Ricciocarpos natans
Scapania aequiloba
Scapania cuspiduligera
Scapania degenii
Schistidium agassizii
Schistidium trichodon
Seligeria acutifolia
Seligeria pusilla
Seligeria trifaria sensu lato
Solenostoma confertissimum
Solenostoma subellipticum
Sphagnum austinii
Sphagnum majus
Sphagnum pulchrum

Sphagnum riparium
Splachnum vasculosum
Tetralophozia setiformis
Tomentypnum nitens
Tortella densa
Tortella inclinata
Tortula atrovirens
Weissia rostellata

Regionally rare and scarce bryophytes in North-east England

Regionally Rare taxa are those that occur in 1 to 3 hectads in VCs 66, 67 & 68 using records from all dates.

Regionally Scarce taxa are those that occur in 4 to 4 hectads in VCs 66, 67 & 68 using records from all dates.

These lists are likely to represent over-estimates of exactly how many species should be regarded as regionally rare and scarce, for two main reasons:

- Where a group has undergone recent taxonomic revision, we frequently have few records for the new taxa since that revision, thus making several of these taxa appear to be less common than they really are.
- Some double-counting is involved, where e.g. a species in a broad sense is included in the regionally scarce list and the species in a narrow sense is included in the regionally rare list. E.g. see *Plagiochila spinulosa*. This is unavoidable where we do not yet have certainty about which species in the narrower sense we have. Many of the older records are ambiguous and/or not supported by specimens that can be checked.

In the planned expanded version of this document the systematic list will be annotated with explanatory comments on these issues for each of the relevant taxa.

Regionally Rare bryophytes in North-east England

Abietinella abietina var. *abietina*

Aloina ambigua

Aloina brevisrostris

Aloina rigida

Amblystegium confervoides

Amphidium lapponicum

Anastrepta orcadensis

Andreaea alpina

Andreaea megistospora

Andreaea mutabilis

Anomobryum concinnatum

Anomodon longifolius

Anthelia julacea

Anthoceros agrestis

Anthoceros punctatus

Aplodon wormskioldii

Atrichum crispum

Barbilophozia lycopodioides

Bartramia halleriana

Brachythecium salebrosum

Bryum bornholmense

Bryum calophyllum

Bryum creberrimum

Bryum kunzei

Bryum marratii

Bryum mildeanum

Bryum pseudotriquetrum var. *bimum*

Bryum torquescens
Bryum turbinatum
Bryum uliginosum
Bryum warneum
Bryum weigeli
Buxbaumia aphylla
Campylophyllum calcareum
Campylopus brevipilus
Campylopus subulatus
Campylostelium saxicola
Cephalozia leucantha
Cephalozia loitlesbergeri
Cephalozia macrostachya var. spiniflora
Cephaloziella spinigera
Cephaloziella stellulifera
Cinclidium stygium
Colura calyptrifolia
Cynodontium polycarpon
Dialytrichia mucronata
Dichodontium flavescens
Dicranodontium asperulum
Dicranum elongatum
Dicranum flexicaule
Dicranum leioneuron
Dicranum spurium
Dicranum undulatum
Diplophyllum obtusifolium
Ditrichum flexicaule sensu stricto
Ditrichum plumbicola
Ditrichum zonatum
Douinia ovata
Drepanocladus sendtneri
Encalypta ciliata
Encalypta rhaptocarpa
Entosthodon fascicularis
Ephemerum recurvifolium
Ephemerum sessile
Fissidens bryoides var. caespitans
Fissidens gracilifolius
Fissidens rufulus
Fossombronia fimbriata
Grimmia decipiens
Grimmia elongata
Grimmia funalis
Grimmia incurva
Grimmia orbicularis

Grimmia ovalis
Grimmia torquata
Gymnomitrium concinnatum
Gymnomitrium crenulatum
Gymnomitrium obtusum
Haplomitrium hookeri
Harpanthus scutatus
Hedwigia stellata
Henediella macrophylla
Henediella stanfordensis
Heterocladium wulfsbergii
Homomallium incurvatum
Hygrohypnum duriusculum
Hygrohypnum eugyrium
Hypnum callichroum
Kiaeria blyttii
Kiaeria falcata
Kurzia sylvatica
Leiocolea gillmanii
Leiocolea heterocolpos
Lejeunea lamacerina
Lejeunea patens
Lepidozia pearsonii
Loeskeobryum brevirostre
Lophozia longidens
Lophozia obtusa
Lophozia perssonii
Marsupella emarginata var. aquatica
Marsupella emarginata var. pearsonii
Marsupella funckii
Microbryum davallianum var. commutatum
Microbryum floerkeanum
Microbryum starckeanum
Microlejeunea ulicina
Nardia geoscyphus
Nardia insecta
Oedipodium griffithianum
Orthodontium gracile
Orthotrichum pallens
Orthotrichum pumilum
Orthotrichum speciosum
Orthotrichum tenellum
Oxyrrhynchium speciosum
Petalophyllum ralfsii
Phascum cuspidatum var. schreberianum
Philonotis caespitosa

Philonotis tomentella
Plagiochila spinulosa sensu stricto
Plagiopus oederianus
Plagiothecium latebricola
Platydictya jungermannioides
Pohlia bulbifera
Pohlia camptotrachela
Pohlia filum
Pohlia ludwigii
Pohlia lutescens
Pohlia wahlenbergii var. glacialis
Pseudobryum cinclidioides
Pseudocalliergon lycopodioides
Pseudoleskeella catenulata
Pterigynandrum filiforme
Pterogonium gracile
Racomitrium canescens sensu stricto
Racomitrium sudeticum
Radula lindenbergiana
Rhabdoweisia crenulata
Rhabdoweisia fugax
Rhynchostegium megapolitanum
Rhytidium rugosum
Riccardia latifrons
Riccia cavernosa
Riccia fluitans
Riccia glauca
Riccia huebeneriana
Saccogyna viticulosa
Sarmentypnum sarmentosum
Scapania aequiloba
Scapania degenii
Schistidium agassizii
Schistidium elegantulum
Schistidium trichodon
Schistostega pennata
Seligeria acutifolia
Seligeria carniolica
Seligeria trifaria sensu lato
Solenostoma confertissimum
Solenostoma subellipticum
Sphagnum balticum
Sphagnum contortum
Sphagnum flexuosum
Sphagnum majus
Sphagnum pulchrum

Sphagnum riparium
Splachnum vasculosum
Syntrichia virescens
Tetralophozia setiformis
Tortella densa
Tortella inclinata
Tortula atrovirens
Tortula marginata
Tortula viridifolia
Ulota hutchinsiae
Weissia brachycarpa var. brachycarpa
Weissia brachycarpa var. obliqua
Weissia longifolia var. longifolia
Weissia rostellata
Weissia rutilans
Zygodon rupestris
Zygodon viridissimus var. stirtonii

Regionally scarce bryophytes in north-east England

Acaulon muticum
Amblyodon dealbatus
Anastrophyllum minutum
Andreaea rothii subsp. falcata
Anoetangium aestivum
Antitrichia curtipendula
Aphanorrhagma patens
Archidium alternifolium
Barbilophozia hatcheri
Barbilophozia kunzeana
Brachydontium trichodes
Brachythecium mildeanum
Bryoerythrophyllum ferruginascens
Bryum algovicum var. rutheanum
Bryum archangelicum
Bryum caespiticium
Bryum elegans
Bryum gemmiferum
Bryum intermedium
Bryum klinggraeffii
Bryum knowltonii
Bryum pallescens
Bryum radiculosum
Bryum ruderales
Bryum sauteri
Bryum violaceum
Calypogeia neesiana

Calypogeia sphagnicola
Campyliadelphus elodes
Campylopus atrovirens var. atrovirens
Catoscopium nigratum
Cephalozia catenulata
Cephalozia macrostachya sensu lato
Cephaloziella rubella
Cladopodiella fluitans
Cololejeunea calcarea
Cololejeunea rossettiana
Conardia compacta
Cryphaea heteromalla
Cynodontium jenneri
Dicranella crispa
Dicranella subulata
Dicranodontium denudatum
Dicranum montanum
Didymodon sinuosus
Discelium nudum
Distichium inclinatum
Ditrichum gracile
Drepanocladus polygamus
Entodon concinnus
Entosthodon attenuatus
Ephemerum minutissimum
Ephemerum serratum sensu stricto
Fissidens exilis
Fissidens incurvus
Fissidens viridulus sensu stricto
Fontinalis squamosa var. squamosa
Fossombronia wondraczekii
Frullania fragilifolia
Grimmia donniana sensu lato
Grimmia donniana sensu stricto
Grimmia hartmanii
Grimmia longirostris
Grimmia ramondii
Hygroamblystegium varium
Kurzia trichoclados
Leucodon sciuroides sensu lato
Leucodon sciuroides var. sciuroides
Lophozia sudetica
Marchantia polymorpha subsp. montivagans
Marsupella sprucei
Meesia uliginosa
Metzgeria conjugata

Metzgeria consanguinea
Microbryum curvicolle
Microbryum davallianum var. davallianum
Moerckia flotoviana
Moerckia hibernica agg.
Orthothecium intricatum
Orthotrichum rupestre
Orthotrichum sprucei
Orthotrichum striatum
Oxyrrhynchium schleicheri
Phascum cuspidatum var. piliferum
Philonotis arnellii
Plagiobryum zieri
Plagiochila britannica
Plagiochila spinulosa sensu lato
Plagiothecium laetum
Pogonatum nanum
Pohlia drummondii
Pohlia elongata var. elongata
Polytrichastrum longisetum
Porella arboris-vitae
Pterygoneurum ovatum
Pylaisia polyantha
Racomitrium affine
Rhabdoweisia crispata
Rhizomnium pseudopunctatum
Rhodobryum roseum
Rhynchostegiella teneriffae
Riccardia incurvata
Riccardia palmata
Ricciocarpos natans
Scapania compacta
Scapania cuspiduligera
Schistidium apocarpum sensu stricto
Schistidium maritimum
Schistidium robustum
Schistidium strictum
Scleropodium cespitosum
Scorpidium cossonii
Scorpidium revolvens sensu stricto
Scorpidium scorpioides
Seligeria donniana
Seligeria pusilla
Solenostoma paroicum
Sphagnum angustifolium
Sphagnum austinii

Sphagnum fuscum
Sphagnum molle
Sphagnum warnstorffii
Splachnum ampullaceum
Syntrichia papillosa
Taxiphyllum wissgrillii
Thuidium delicatulum
Tomentypnum nitens
Tortella flavovirens
Tortula modica
Tortula protobryoides
Weissia controversa var. densifolia
Weissia longifolia var. angustifolia
Zygodon conoideus var. conoideus

Systematic list of the bryophytes of VCs 66, 67 & 68

All bryophyte taxa that have ever been recorded in VCs 66, 67 & 68, for which we have records, are included in this list. The list is presented in systematic order following the taxonomy and nomenclature used in Hill *et al.* (2008). The taxonomic levels are distinguished as follows:

- Phylum names appear in bold type and capitals thus **PHYLUM**.
- Class names appear in normal type in capitals thus CLASS.
- Order names appear in bold type in lower case thus **Order**.
- Family names appear in normal type in lower case thus Family.
- Genus, species, subspecies and variety names appear in lower case italics thus *Genus species*.

The authorities listed in Hill *et al.* (2008) are listed with the species name here. The synonyms listed in Hill *et al.* (2008) are also listed here in brackets after the species name.

The conservation status(es)/designation(s) in any of each taxon is listed on the line following the taxon name. It is planned to include some comments on the date of records and the distribution of each taxon in later versions of this document. The four columns on the right give the number of hectad records for each taxon up to the end of 2010 in VC66, VC67, VC68 and in all three VCs respectively. Records from all dates are included in these figures.

	66	67	68	NE
PHYLUM: ANTHOCEROTOPHYTA (Hornworts)				
CLASS: ANTHOCEROTOPSIDA				
Order: Anthocerotales				
Family: Anthocerotaceae				
<i>Anthoceros punctatus</i> L.		1		1
<i>Anthoceros agrestis</i> Paton			1	1
PHYLUM: MARCHANTIOPHYTA (Liverworts)				
CLASS: HAPLOMITRIOPSISIDA				
Order: Calobryales				
Family: Haplomitriaceae				
<i>Haplomitrium hookeri</i> (Sm.) Nees	1		1	2
NS				
CLASS: MARCHANTIOPSISIDA				
Order: Blasiales				
Family: Blasiaceae				
<i>Blasia pusilla</i> L.		13	6	19
Order: Lunulariales				
Family: Lunulariaceae				
<i>Lunularia cruciata</i> (L.) Lindb.	28	27	18	67
Order: Marchantiales				
Family: Marchantiaceae				
<i>Marchantia polymorpha</i> L.	30	37	18	79
<i>Marchantia polymorpha</i> L. subsp. <i>polymorpha</i> (<i>M. polymorpha</i> var. <i>aquatica</i> (Nees) Gottsche et al.)	3	9	7	19

<i>Marchantia polymorpha</i> subsp. <i>ruderalis</i> Bischl. & Boisselier	4	6	2	12
<i>Marchantia polymorpha</i> subsp. <i>montivagans</i> Bischl. & Boisselier (<i>M. alpestris</i> (Nees) Burgeff)	2		6	8
(NS)				
<i>Preissia quadrata</i> (Scop.) Nees	11	12	7	31
Family: Aytoniaceae				
<i>Reboulia hemisphaerica</i> (L.) Raddi	2	16	2	19
Family: Conocephalaceae				
<i>Conocephalum conicum</i> agg. (includes <i>C. conicum</i> (L.) Dumort & <i>C. salebrosum</i> Szweyk. et al.)	32	42	23	86
<i>Conocephalum conicum</i> (L.) Dumort. sensu stricto	9	11	2	22
<i>Conocephalum salebrosum</i> Szweyk. et al.	3	10	3	16
Family: Ricciaceae				
<i>Riccia cavernosa</i> Hoffm.		2		2
NS				
<i>Riccia huebeneriana</i> Lindenb.		1		1
NS				
<i>Riccia fluitans</i> L.	3			3
<i>Riccia sorocarpa</i> Bisch.	7	5	5	17
<i>Riccia glauca</i> L.		2		2
<i>Ricciocarpos natans</i> (L.) Corda	6			6
NS				
CLASS: JUNGERMANNIOPSIDA				
Order: Pelliales				
Family: Pelliaceae				
<i>Pellia epiphylla</i> (L.) Corda (<i>P. borealis</i> Lorb.)	40	45	21	94
<i>Pellia neesiana</i> (Gottsche) Limpr.	15	12	7	32
<i>Pellia endiviifolia</i> (Dicks.) Dumort.	34	39	22	86
Order: Fossombroniales				
Family: Petalophyllaceae				
<i>Petalophyllum ralfsii</i> (Wilson) Nees & Gottsche Bern, HabDir, ERDB, NS, UKBAP, NERC, WACA8			3	3
Family: Fossombroniaceae				
<i>Fossombronia pusilla</i> (L.) Nees	6	4	3	13
<i>Fossombronia wondraczekii</i> (Corda) Lindb.	1	4	1	6
<i>Fossombronia fimbriata</i> Paton			1	1
NS				
Order: Pallavincinales				
Family: Moerckiaceae				
<i>Moerckia hibernica</i> agg. (includes <i>M. hibernica</i> (Hook.) Gottsche & <i>M. flotoviana</i> (Nees) Schiffn.) DD, NS	3	2	3	8
<i>Moerckia flotoviana</i> (Nees) Schiffn. DD, NS(NR)	2	1	3	6

Order: Metzgeriales				
Family: Metzgeriaceae				
<i>Metzgeria violacea</i> (Ach.) Dumort. (<i>M. fruticulosa</i> auct.)	6	10	6	22
<i>Metzgeria consanguinea</i> Schiffn. (<i>M. temperata</i> Kuwah.)		5		5
<i>Metzgeria furcata</i> (L.) Dumort.	21	35	15	64
<i>Metzgeria conjugata</i> Lindb.		4	2	6
<i>Metzgeria pubescens</i> (Schrank) Raddi (<i>Aptometzgeria pubescens</i> (Schrank) Kuwah.)	8	7	4	18
Family: Aneuraceae				
<i>Aneura pinguis</i> (L.) Dumort.	31	40	19	80
<i>Riccardia multifida</i> (L.) Gray	7	21	8	36
<i>Riccardia chamedryfolia</i> (With.) Grolle	21	26	12	57
<i>Riccardia incurvata</i> Lindb.	3		1	4
NS				
<i>Riccardia palmata</i> (Hedw.) Carruth.	1	5	2	8
<i>Riccardia latifrons</i> (Lindb.) Lindb.		1		1
Order: Porellales				
Family: Porellaceae				
<i>Porella platyphylla</i> (L.) Pfeiff.	8	10	11	27
<i>Porella cordaeana</i> (Huebener) Moore	6	8	6	19
<i>Porella arboris-vitae</i> (With.) Grolle	2	2		4
Family: Radulaceae				
<i>Radula complanata</i> (L.) Dumort.	12	31	13	50
<i>Radula lindenbergiana</i> Gottsche ex C.Hartm.			1	1
Family: Frullanaceae				
<i>Frullania tamarisci</i> (L.) Dumort.	9	28	11	44
<i>Frullania fragillifolia</i> (Taylor) Gottsche et al.	1	3	1	5
<i>Frullania dilatata</i> (L.) Dumort.	12	36	16	56
Family: Lejeuneaceae				
<i>Cololejeunea calcarea</i> (Lib.) Schiffn.	4	2	1	7
<i>Cololejeunea rossettiana</i> (C.Massal.) Schiffn.	4	1		5
NS				
<i>Colura calyptriifolia</i> (Hook.) Dumort.		1		1
<i>Lejeunea cavifolia</i> (Ehrh.) Lindb.	9	16	6	28
<i>Lejeunea lamacerina</i> (Steph.) Schiffn.		2	1	3
<i>Lejeunea patens</i> Lindb.		1	1	2

<i>Microlejeunea ulicina</i> (Taylor) A.Evans (<i>Lejeunea ulcina</i> (Taylor) Gottsche)		2		2
Order: Ptilidiales				
Family: Ptilidiaceae				
<i>Ptilidium ciliare</i> (L.) Hampe	12	27	11	45
<i>Ptilidium pulcherrimum</i> (Weber) Vainio	2	5	6	13
Order: Jungermanniales				
Family: Pseudolepicoleaceae				
<i>Blepharostoma trichophyllum</i> (L.) Dumort.	10	26	5	38
Family: Tricocoleaceae				
<i>Trichocolea tomentella</i> (Ehrh.) Dumort.	3	7	1	11
Family: Lepidoziaceae				
<i>Bazzania trilobata</i> (L.) Gray	1	14	3	18
<i>Kurzia pauciflora</i> (Dicks.) Grolle	8	38	8	49
<i>Kurzia sylvatica</i> (A.Evans) Grolle			2	2
<i>Kurzia trichoclados</i> (Müll.Frib.) Grolle		4	1	5
<i>Lepidozia reptans</i> (L.) Dumort.	27	43	16	79
<i>Lepidozia pearsonii</i> Spruce		1	1	2
<i>Lepidozia cupressina</i> (Sw.) Lindenb.		12	3	15
Family: Lophocolaceae				
<i>Lophocolea bidentata</i> (L.) Dumort.	40	45	25	100
<i>Lophocolea heterophylla</i> (Schrad.) Dumort.	31	36	12	73
<i>Chiloscyphus polyanthos</i> sensu lato (includes <i>C. polyanthos</i> (L.) Dumort. & <i>C. pallescens</i> (Ehrh. ex Hoffm.) Dumort.)	29	39	19	75
<i>Chiloscyphus polyanthos</i> (L.) Dumort. sensu stricto		10	3	13
<i>Chiloscyphus pallescens</i> (Ehrh. ex Hoffm.) Dumort. (<i>C. polyanthos</i> var. <i>pallescens</i> (Ehrh. ex Hoffm.) C.Hartm.	1	8	4	13
Family: Plagiochilaceae				
<i>Plagiochila porelloides</i> (Torr. ex Nees) Lindenb.	26	40	17	77
<i>Plagiochila asplenoides</i> (L. emend. Taylor) Dumort.	22	31	8	57
<i>Plagiochila britannica</i> Paton	2	1	1	4
<i>Plagiochila spinulosa</i> sensu lato (includes <i>P. spinulosa</i> (Dicks.) Dumort. & <i>P. bifaria</i> (Sw.) Lindenb.)		4		4
<i>Plagiochila spinulosa</i> (Dicks.) Dumort. sensu stricto		1		1
Family: Cephaloziaceae				
<i>Cephalozia bicuspidata</i> (L.) Dumort.	37	45	18	90

<i>Cephalozia catenulata</i> (Huebener) Lindb.		2	4	6
NS				
<i>Cephalozia macrostachya</i> Kaal.		5	2	7
NS				
<i>Cephalozia macrostachya</i> var. <i>spiniflora</i> (Schiffn.) Müll.Frib.		2	1	3
NS				
<i>Cephalozia leucantha</i> Spruce			2	2
<i>Cephalozia lunulifolia</i> (Dumort.) Dumort.	9	32	13	49
<i>Cephalozia loitlesbergeri</i> Schiffn.	1			1
NS				
<i>Cephalozia connivens</i> (Dicks.) Lindb.	13	24	5	40
<i>Cladopodiella fluitans</i> (Nees) H.Buch	2	6	2	10
<i>Hygrobiella laxifolia</i> (Hook.) Spruce	2	6	3	11
<i>Nowellia curvifolia</i> (Dicks.) Mitt.	2	15	6	23
<i>Odontoschisma sphagni</i> (Dicks.) Dumort.	10	27	7	40
<i>Odontoschisma denudatum</i> (Mart.) Dumort.	2	15	4	20
Family: Cephaloziellaceae				
<i>Cephaloziella spinigera</i> (Lindb.) Warnst. (<i>C. subdentata</i> Warnst.)		1		1
NT, NS				
<i>Cephaloziella rubella</i> (Nees) Warnst.		3	1	4
<i>Cephaloziella hampeana</i> (Nees) Schiffn.	6	14	3	23
<i>Cephaloziella divaricata</i> (Sm.) Schiffn.	12	25	7	43
<i>Cephaloziella stellulifera</i> (Spruce) Schiffn.	1			1
NS				
Family: Scapaniaceae				
<i>Gymnocolea inflata</i> (Huds.) Dumort.	16	32	12	54
<i>Barbilophozia kunzeana</i> (Huebener) Gams		4	1	5
NT, NS, UKBAP				
<i>Barbilophozia floerkei</i> (F.Weber & D.Mohr) Loeske	16	33	11	55
<i>Barbilophozia atlantica</i> (Kaal.) Loeske	1	10	4	15
<i>Barbilophozia attenuata</i> (Mart.) Loeske	11	32	9	48
<i>Barbilophozia hatcheri</i> (A.Evans) Loeske	1	2	4	7
<i>Barbilophozia lycopodioides</i> (Wallr.) Loeske			1	1
NS				
<i>Barbilophozia barbata</i> (Schmidel ex Schreb.) Loeske	7	10	5	20
<i>Anastrepta orcadensis</i> (Hook.) Schiffn.			1	1
<i>Tetralophozia setiformis</i> (Ehrh.) Schljakov (<i>Chandonanthus setiformis</i> (Ehrh.) Lindb.)			2	2
NS				
<i>Anastrophyllum minutum</i> (Schreb.) R.M.Schust. (<i>Sphenolobus minutus</i> (Schreb.) Berggr.)	2	4	2	8
<i>Tritomaria exsectiformis</i> (Breidl.) Loeske	1	8	6	15

<i>Tritomaria quinquedentata</i> (Huds.) H.Buch	6	18	4	26
<i>Lophozia longidens</i> (Lindb.) Macoun	1			1
NS				
<i>Lophozia ventricosa</i> (Dicks.) Dumort.	23	40	16	74
<i>Lophozia sudetica</i> (Nees ex Huebener) Grolle	2		3	5
<i>Lophozia excisa</i> (Dicks.) Dumort.	2	12	5	19
<i>Lophozia perssonii</i> H.Buch & S.W.Arnell	3			3
NS				
<i>Lophozia obtusa</i> (Lindb.) A.Evans		2		2
NS				
<i>Lophozia incisa</i> (Schrad.) Dumort.	6	11	4	19
<i>Lophozia bicrenata</i> (Schmidel ex Hoffm.) Dumort.	3	7	2	11
<i>Diplophyllum albicans</i> (L.) Dumort.	21	43	19	73
<i>Diplophyllum obtusifolium</i> (Hook.) Dumort.			1	1
<i>Douinia ovata</i> (Dicks.) H.Buch			1	1
<i>Scapania compacta</i> (A.Roth) Dumort.	1	5	4	9
<i>Scapania cuspiduligera</i> (Nees) Müll.Frib.	3	1		4
NS				
<i>Scapania scandica</i> (Arnell & H.Buch) Macvicar	2	6	4	12
<i>Scapania umbrosa</i> (Schrad.) Dumort.	2	19	9	27
<i>Scapania nemorea</i> (L.) Grolle (<i>S. nemorosa</i> (L.) Dumort.)	10	26	10	42
<i>Scapania irrigua</i> (Nees) Nees	10	21	7	36
<i>Scapania degenii</i> Schiffn. ex Müll.Frib.	2			2
NS				
<i>Scapania undulata</i> (L.) Dumort.	20	39	15	65
<i>Scapania subalpina</i> (Nees ex Lindenb.) Dumort.	2	11	3	15
<i>Scapania aequiloba</i> (Schwägr.) Dumort.	2		1	3
NS				
<i>Scapania aspera</i> Bernet & M.Bernet	7	6	1	13
<i>Scapania gracilis</i> Lindb.	5	24	8	35
Family: Myliaceae				
<i>Mylia taylorii</i> (Hook.) Gray	7	26	7	37
<i>Mylia anomala</i> (Hook.) Gray	9	27	7	40
Family: Calypogeiaceae				
<i>Calypogeia fissa</i> (L.) Raddi	33	38	18	79
<i>Calypogeia muelleriana</i> (Schiffn.) Müll.Frib.	25	38	17	73
<i>Calypogeia azurea</i> Stotler & Crotz	4	5	2	11
NS				
<i>Calypogeia neesiana</i> (C.Massal. & Carestia) Müll.Frib.		4	2	6

<i>Calypogeia integrispula</i> Steph.	3	6	2	11
NS				
<i>Calypogeia sphagnicola</i> (Arnell & J.Perss.) Müll.Frib.	1	4		5
<i>Calypogeia arguta</i> Nees & Mont.	16	35	11	54
Family: Mesoptychiaceae				
<i>Leiocolea gillmanii</i> (Austin) A.Evans			1	1
NT, NS				
<i>Leiocolea bantriensis</i> (Hook.) Jörg.	5	5	1	11
<i>Leiocolea collaris</i> (Nees) Schljakov (<i>L. alpestris</i> (Schleich. ex F.Weber) Isov.)	6	8		14
<i>Leiocolea heterocolpos</i> (Thed. ex C.Hartm.) H.Buch	1	1	1	3
NS				
<i>Leiocolea badensis</i> (Gottsche) Jörg.	9	11	6	26
<i>Leiocolea turbinata</i> (Raddi) H.Buch	15	21	8	42
Family: Jungermanniaceae				
<i>Jungermannia atrovirens</i> Dumort.	20	30	16	61
<i>Jungermannia pumila</i> With.	7	12	6	24
<i>Jungermannia exsertifolia</i> subsp. <i>cordifolia</i> (Dumort.) Váňa	7	6	2	15
<i>Nardia compressa</i> (Hook.) Gray	3	11		13
<i>Nardia scalaris</i> Gray	13	38	13	58
<i>Nardia geoscyphus</i> (De Not.) Lindb.	1	1		2
NS				
<i>Nardia insecta</i> Lindb.		1		1
VU, NR				
<i>Solenostoma sphaerocarpum</i> (Hook.) Steph. (<i>Jungermannia sphaerocarpa</i> Hook.)	6	11	3	19
<i>Solenostoma confertissimum</i> (Nees) Schljakov (<i>Jungermannia confertissima</i> Nees)	2			2
NS				
<i>Solenostoma gracillimum</i> (Sm.) R.M.Schust. (<i>Jungermannia gracillima</i> Sm. <i>S. crenulatum</i> Mitt.)	14	36	11	57
<i>Solenostoma hyalinum</i> (Lydell) Mitt. (<i>Jungermannia hyalina</i> Lyell)	4	13	2	17
<i>Solenostoma paroicum</i> (Schiffn.) R.M.Schust. (<i>Jungermannia paroica</i> (Schiffn.) Grolle)		1	4	5
<i>Solenostoma obovatum</i> (Nees) C.Massal. (<i>Jungermannia obovata</i> Nees)	4	15	2	21
<i>Solenostoma subellipticum</i> (Lindb. ex Kaal.) R.M.Schust. (<i>Jungermannia subelliptica</i> (Lindb. ex Kaal.) Levier)		1		1
NS				
Family: Geocalyceae				
<i>Harpanthus scutatus</i> (F.Weber & D.Mohr) Spruce		3		3
<i>Saccogyna viticulosa</i> (L.) Dumort.	1	1		2
Family: Antheliaceae				
<i>Anthelia julacea</i> (L.) Dumort.			1	1

Family: Gymnomitriaceae				
<i>Gymnomitrium concinnatum</i> (Lightf.) Corda			1	1
<i>Gymnomitrium obtusum</i> Lindb.	1	1	1	3
<i>Gymnomitrium crenulatum</i> Gottsche ex Carrington			1	1
<i>Marsupella emarginata</i> (Ehrh.) Dumort.	8	26	9	36
<i>Marsupella emarginata</i> (Ehrh.) Dumort. var. <i>emarginata</i>	5	26	9	36
<i>Marsupella emarginata</i> var. <i>aquatica</i> (Lindenb.) Dumort.	1		1	2
<i>Marsupella emarginata</i> var. <i>pearsonii</i> (Schiffn.) M.F.V.Corley (NS)			1	1
<i>Marsupella funckii</i> (F.Weber & D.Mohr) Dumort.			1	1
<i>Marsupella sprucei</i> (Limpr.) Bernet	1	1	2	4
PHYLUM: BRYOPHYTA (Mosses)				
CLASS: SPHAGNOPSIDA				
Order: Sphagnales				
Family: Sphagnaceae				
<i>Sphagnum</i> L. sp.				
HabDir				
<i>Sphagnum austinii</i> Sull. (<i>S. imbricatum</i> subsp. <i>austinii</i> (Sull) Flatberg)	2	5		7
NS				
<i>Sphagnum papillosum</i> Lindb.	12	32	12	55
<i>Sphagnum palustre</i> L. var. <i>palustre</i>	23	37	15	67
<i>Sphagnum magellanicum</i> Brid.	9	26	7	39
<i>Sphagnum squarrosum</i> Crome	16	18	7	39
<i>Sphagnum teres</i> (Schimp.) Ångstr.	7	12	2	19
<i>Sphagnum fimbriatum</i> Wilson	17	29	7	50
<i>Sphagnum girgensohnii</i> Russow	9	25	4	37
<i>Sphagnum russowii</i> Warnst.	6	27	6	37
<i>Sphagnum quinquefarium</i> (Braithw.) Warnst.	6	17	7	29
<i>Sphagnum warnstorffii</i> Russow	2	3		5
<i>Sphagnum capillifolium</i> (Ehrh.) Hedw.	14	36	15	58
<i>Sphagnum capillifolium</i> (Ehrh.) Hedw. subsp. <i>capillifolium</i> (NS)	1	10		11
<i>Sphagnum capillifolium</i> subsp. <i>rubellum</i> (Wilson) M.O.Hill	14	36	10	54
<i>Sphagnum fuscum</i> (Schimp.) H.Klinggr.	2	3	2	7
<i>Sphagnum subnitens</i> Russow & Warnst. var. <i>subnitens</i>	16	36	13	57
<i>Sphagnum molle</i> Sull.	1	6	2	9
<i>Sphagnum compactum</i> Lam. & DC.	7	22	6	32
<i>Sphagnum auriculatum</i> agg. (<i>S. inundatum</i> Russow & <i>S. denticulatum</i> Brid.)	15	32	11	53

<i>Sphagnum inundatum</i> Russow (<i>S. auriculatum</i> var. <i>inundatum</i> (Russow) M.O.Hill, <i>S. denticulatum</i> var. <i>inundatum</i> (Russow) Kartt.)	9	30	10	46
<i>Sphagnum denticulatum</i> Brid. (<i>S. auriculatum</i> Schimp.)	15	29	8	48
<i>Sphagnum contortum</i> Schultz	1	2		3
<i>Sphagnum tenellum</i> (Brid.) Pers. ex Brid.	7	29	9	41
<i>Sphagnum cuspidatum</i> Ehrh. ex Hoffm. (<i>S. viride</i> Flatberg)	16	29	11	52
<i>Sphagnum majus</i> (Russow) C.E.O.Jensen		2		2
NS				
<i>Sphagnum balticum</i> (Russow) C.E.O.Jensen		2		2
EN, NR, UKBAP, NERC, WACA8				
<i>Sphagnum pulchrum</i> (Lindb. ex Braithw.) Warnst.		1		1
NS				
<i>Sphagnum recurvum</i> agg. (includes <i>S. fallax</i> (H.Klinggr.) H.Klinggr., <i>S. flexuosum</i> Dozy & Molk. & <i>S. angustifolium</i> (C.E.O.Jensen ex Russow) C.E.O.Jensen)	16	36	15	61
<i>Sphagnum fallax</i> (H.Klinggr.) H.Klinggr. (<i>S. fallax</i> subsp. <i>isoviitae</i> (Flatberg) M.O.Hill, <i>S. isoviitae</i> Flatberg, <i>S. recurvum</i> var. <i>mucronatum</i> (Russow) Warnst.)	16	30	10	54
<i>Sphagnum flexuosum</i> Dozy & Molk. (<i>S. recurvum</i> var. <i>amblyphyllum</i> (Russow) Warnst.)	1			1
<i>Sphagnum angustifolium</i> (C.E.O.Jensen ex Russow) C.E.O.Jensen (<i>S. recurvum</i> var. <i>tenuis</i> H.Klinggr.)	1	7		8
<i>Sphagnum riparium</i> Ångstr.		4		4
NS				
CLASS: ANDREAEOPSIDA				
Order: Andreaeales				
Family: Andreaeaceae				
<i>Andreaea alpina</i> Hedw.	2		1	3
<i>Andreaea rupestris</i> agg. (includes <i>A. rupestris</i> Hedw. & <i>A. alpestris</i> (Thed.) Schimp.)	2	20	6	26
<i>Andreaea rupestris</i> Hedw. var. <i>rupestris</i>	2	5	5	12
<i>Andreaea mutabilis</i> Hook.f. & Wilson			2	2
NS				
<i>Andreaea rothii</i> agg. (includes <i>A. rothii</i> F.Weber & D.Mohr. & <i>A. frigida</i> Huebener)	3	14	4	21
<i>Andreaea rothii</i> subsp. <i>falcata</i> (Schimp.) Lindb. (<i>A. crassinervia</i> subsp. <i>huntii</i> (Limpr.) Amann)	2	4	3	9
<i>Andreaea megistospora</i> B.M.Murray	1			1
NS				
CLASS: OEDIPODIOPSIDA				
Order: Oedipodiales				
Family: Oedipodiaceae				
<i>Oedipodium griffithianum</i> (Dicks.) Schwägr.			1	1
NS				
CLASS: POLYTRICHOPSIDA				
Order: Polytrichales				
Family: Polytrichaceae				
<i>Atrichum crispum</i> (James) Sull.	1			1
<i>Atrichum undulatum</i> (Hedw.) P.Beauv. var. <i>undulatum</i>	39	46	20	95
<i>Oligotrichum hercynicum</i> (Hedw.) Lam. & DC.	4	10	3	16

<i>Pogonatum nanum</i> (Hedw.) P.Beauv.	1	6	2	9
<i>Pogonatum aloides</i> (Hedw.) P.Beauv.	15	39	19	65
<i>Pogonatum urnigerum</i> (Hedw.) P.Beauv.	16	30	8	50
<i>Polytrichastrum alpinum</i> (Hedw.) G.L.Sm. (<i>Polytrichum alpinum</i> Hedw., <i>P. alpinum</i> var. <i>septentrionale</i> (Sw.) Linbd.)	5	17	4	24
<i>Polytrichastrum longisetum</i> (Sw. ex Brid.) G.L.Sm. (<i>Polytrichum longisetum</i> Sw. ex Brid.)	2	6	1	9
<i>Polytrichastrum formosum</i> (Hedw.) G.L.Sm. (<i>Polytrichum formosum</i> Hedw.)	30	37	12	73
<i>Polytrichum commune</i> Hedw. var. <i>commune</i>	29	40	18	79
<i>Polytrichum piliferum</i> Hedw.	23	41	18	74
<i>Polytrichum juniperinum</i> Hedw.	30	41	16	81
<i>Polytrichum strictum</i> Menzies ex Brid. (<i>P. alpestre</i> Hoppe)	7	21	6	31
CLASS: TETRAPHIDOPSIDA				
Order: Tetraphidales				
Family: Tetraphidaceae				
<i>Tetraphis pellucida</i> Hedw.	31	40	16	80
<i>Tetrodontium brownianum</i> (Dicks.) Schwägr.	4	15	4	23
CLASS: BRYOPSIDA				
Order: Buxbaumiales				
Family: Buxbaumiaceae				
<i>Buxbaumia aphylla</i> Hedw.	1	1	1	3
NT, NS				
Order: Diphysciales				
Family: Diphysciaceae				
<i>Diphyscium foliosum</i> (Hedw.) D.Mohr	2	6	2	10
Order: Encalyptales				
Family: Encalyptaceae				
<i>Encalypta streptocarpa</i> Hedw.	28	35	12	71
<i>Encalypta raptocarpa</i> Schwägr.	1		1	2
NS				
<i>Encalypta vulgaris</i> Hedw.	10	17	8	32
<i>Encalypta ciliata</i> Hedw.	1		2	3
NS				
Order: Funariales				
Family: Funariaceae				
<i>Funaria hygrometrica</i> Hedw.	39	42	20	93
<i>Entosthodon attenuatus</i> (Dicks.) Bryhn (<i>Funaria attenuata</i> (Dicks.) Lindb.)	2	1	2	5
<i>Entosthodon fascicularis</i> (Hedw.) Müll.Hal. (<i>Funaria fascicularis</i> (Hedw.) Lindb.)	1	1		2
<i>Entosthodon obtusus</i> (Hedw.) Lindb. (<i>Funaria obtusa</i> (Hedw.) Lindb.)	5	17	2	24

<i>Physcomitrium pyriforme</i> (Hedw.) Bruch & Schimp.	6	14	4	24
<i>Aphanorrhagma patens</i> (Hedw.) Lindb. (<i>Physcomitrella patens</i> (Hedw.) Bruch & Schimp.)	1	2	1	4
Family: Discoliaceae				
<i>Discelium nudum</i> (Dicks.) Brid.	6	3		9
NS				
Order: Grimmiales				
Family: Grimmiaceae				
<i>Schistidium maritimum</i> (Sm. ex R.Scott) Bruch & Schimp.	1		7	8
<i>Schistidium rivulare</i> sensu lato (includes <i>S. rivulare</i> (Brid.) Podp. & <i>S. platyphyllum</i> (Mitt.) H.Perss.)	17	26	14	54
<i>Schistidium rivulare</i> (Brid.) Podp. sensu stricto (<i>S. alpicola</i> var. <i>rivulare</i> (Brid.) Limpr.)	15	24	13	49
<i>Schistidium platyphyllum</i> (Mitt.) H.Perss. (<i>S. alpicola</i> auct. Non (Hedw.) Limpr., <i>S. rivulare</i> subsp. <i>latifolium</i> (J.E.Zetterst. B.Bremer)	5	16	8	27
<i>Schistidium agassizii</i> Sull. & Lesq.	2			2
(NS)				
<i>Schistidium apocarpum</i> sensu lato (includes <i>S. apocarpum</i> (Hedw.) Bruch & Schimp., <i>S. trichodon</i> (Brid.) Poelt, <i>S. papillosum</i> Culm., <i>S. pruinosum</i> (Wilson ex Schimp.) G.Roth, <i>S. strictum</i> (Turner) Loeske ex Martensson, <i>S. dupretii</i> (Thér.) W.A.Weber, <i>S. robustum</i> (Nees & Hornsch.) H.H.Blom, <i>S. confertum</i> (Funck) Bruch & Schimp., <i>S. flaccidum</i> (De Not.) Ochyra, <i>S. frigidum</i> H.H.Blom, <i>S. atrofusum</i> (Schimp.) Limpr., <i>S. crassipilum</i> H.H.Blom, <i>S. elegantulum</i> H.H.Blom & <i>S. flexipile</i> (Lindb. ex Broth.) G.Roth)	36	44	17	88
<i>Schistidium apocarpum</i> (Hedw.) Bruch & Schimp. sensu stricto	1	8		9
<i>Schistidium trichodon</i> (Brid.) Poelt	1			1
NS				
<i>Schistidium strictum</i> (Turner) Loeske ex Martensson	2		2	4
<i>Schistidium robustum</i> (Nees & Hornsch.) H.H.Blom (<i>S. apocarpum</i> var. <i>homodictyon</i> (Dixon) Crundw. & Nyholm)	2	2		4
(NS)				
<i>Schistidium crassipilum</i> H.H.Blom	10	18	2	29
<i>Schistidium elegantulum</i> H.H.Blom (includes subsp. <i>wilsonii</i> H.H.Blom)	1			1
(NS)				
<i>Grimmia donniana</i> sensu lato (includes <i>G. donniana</i> Sm. & <i>G. arenaria</i> Hampe)	3	2	5	10
<i>Grimmia donniana</i> Sm. sensu stricto	2	2	4	8
<i>Grimmia elongata</i> Kaulf.			1	1
VU, NS, UKBAP, NERC				
<i>Grimmia longirostris</i> Hook. (<i>G. affinis</i> Hornsch.)			4	4
NS				
<i>Grimmia ovalis</i> (Hedw.) Lindb.	1			1
NS				
<i>Grimmia incurva</i> Schwägr.			2	2
NS				
<i>Grimmia pulvinata</i> (Hedw.) Sm. (includes var. <i>africana</i> (Hedw.) Hook.f. & Wilson)	40	44	23	94
<i>Grimmia orbicularis</i> Bruch ex Wilson		1		1
NS				
<i>Grimmia torquata</i> Drumm.	1		2	3
<i>Grimmia funalis</i> (Schwägr.) Bruch & Schimp.	2			2
<i>Grimmia trichophylla</i> Grev. (<i>G. austrofunalis</i> auct. eur. partim non Müll.Hal., <i>G. trichophylla</i> var. <i>stirtonii</i> (Schimp.) H.Möller)	7	24	14	42

<i>Grimmia hartmanii</i> Schimp.	1	3	5	8
<i>Grimmia decipiens</i> (Schultz) Lindb.	1		1	2
NS				
<i>Grimmia ramondii</i> (Lam. & DC.) Margad. <i>Dryoptodon patens</i> (Hedw.) Brid., <i>G. curvata</i> (Brid.) De Sloover)	1		3	4
<i>Racomitrium aciculare</i> (Hedw.) Brid.	17	38	18	74
<i>Racomitrium aquaticum</i> (Brid. ex Schrad.) Brid.	4	9	6	19
<i>Racomitrium fasciculare</i> (Hedw.) Brid.	11	29	9	46
<i>Racomitrium heterostichum</i> sensu lato (includes <i>R. sudeticum</i> (Funck) Bruch & Schimp., <i>R. affine</i> (F.Weber & D.Mohr) Lindb. & <i>R. heterostichum</i> (Hedw.) Brid.)	12	35	17	58
<i>Racomitrium sudeticum</i> (Funck) Bruch & Schimp. (<i>R. affine</i> auct. non (F.Weber & D.Mohr) Lindb.	1		1	2
<i>Racomitrium affine</i> (F.Weber & D.Mohr) Lindb.	2	2		4
<i>Racomitrium heterostichum</i> (Hedw.) Brid. sensu stricto (<i>R. obtusum</i> (Brid.) Brid.)	3	10	4	17
<i>Racomitrium lanuginosum</i> (Hedw.) Brid.	16	30	8	50
<i>Racomitrium canescens</i> sensu lato (includes <i>R. ericoides</i> (Brid.) Brid., <i>R. elongatum</i> Ehrh. ex Frisvoll & <i>R. canescens</i> (Hedw.) Brid.)	13	34	14	55
<i>Racomitrium ericoides</i> (Brid.) Brid. (<i>R. canescens</i> var. <i>ericoides</i> (Brid.) Hampe)	7	16	3	25
<i>Racomitrium elongatum</i> Ehrh. ex Frisvoll	3	11	4	17
<i>Racomitrium canescens</i> (Hedw.) Brid. sensu stricto	1			1
NS				
Family: Ptychomitriaceae				
<i>Ptychomitrium polyphyllum</i> (Dicks. ex Sw.) Bruch & Schimp.	8	32	10	47
<i>Campylostelium saxicola</i> (F.Weber & D.Mohr) Bruch & Schimp.		y	1	1
NS				
Family: Seligeriaceae				
<i>Blindia acuta</i> (Hedw.) Bruch & Schimp.	9	23	5	33
<i>Brachydontium trichodes</i> (F.Weber) Milde	1	2	5	8
NS				
<i>Seligeria pusilla</i> (Hedw.) Bruch & Schimp.	5	3		8
NS				
<i>Seligeria acutifolia</i> Lindb.	1			1
NS				
<i>Seligeria recurvata</i> (Hedw.) Bruch & Schimp.	6	14	2	21
<i>Seligeria donniana</i> (Sm.) Müll.Hal.	3	5	2	9
<i>Seligeria trifaria</i> sensu lato (includes <i>S. trifaria</i> (Brid.) Lindb. & <i>S. patula</i> (Lindb.) I.Hagen)	2			2
DD, NS				
<i>Seligeria carniolica</i> (Breidl. & Beck) Nyholm		1		1
ERDB, CR, NR, UKBAP, NERC				
Order: Archidiales				
Family: Archidiaceae				
<i>Archidium alternifolium</i> (Hedw.) Mitt.	3	4	3	10
Order: Dicranales				

Family: Fissidentaceae				
<i>Fissidens viridulus</i> sensu lato (includes <i>F. viridulus</i> (Sw. ex anon.) Wahlenb. & <i>F. gracilifolius</i> Brugg.-Nann. & Nyholm)	9	24	10	42
<i>Fissidens viridulus</i> (Sw. ex anon.) Wahlenb. sensu stricto	2	4	2	8
<i>Fissidens pusillus</i> (Wilson) Milde (<i>F. exiguus</i> auct. eur. partim)	4	4	3	11
<i>Fissidens gracilifolius</i> Brugg.-Nann. & Nyholm (<i>F. pusillus</i> var. <i>tenuifolius</i> (Boulay) Podp., <i>F. viridulus</i> var. <i>tenuifolius</i> (Boulay) A.J.E.Sm.)			1	1
<i>Fissidens incurvus</i> Starke ex Röhl.	1		3	4
<i>Fissidens bryoides</i> Hedw. var. <i>bryoides</i>	36	40	19	85
<i>Fissidens bryoides</i> var. <i>caespitans</i> Schimp. (<i>F. curnovii</i> Mitt.)			2	2
<i>Fissidens crassipes</i> Wilson ex Bruch & Schimp.	8	7	9	22
<i>Fissidens rufulus</i> Bruch & Schimp. NS	1		2	3
<i>Fissidens exilis</i> Hedw.	3	5	1	9
<i>Fissidens osmundoides</i> Hedw.	7	20	6	30
<i>Fissidens taxifolius</i> Hedw. var. <i>taxifolius</i>	40	45	21	93
<i>Fissidens dubius</i> P.Beauv. (<i>F. cristatus</i> Wilson ex Mitt.)	12	19	7	37
<i>Fissidens adianthoides</i> Hedw.	25	34	12	64
Family: Ditrichaceae				
<i>Pleuridium acuminatum</i> Lindb.	10	28	4	40
<i>Pleuridium subulatum</i> (Hedw.) Rabenh.	14	8	5	27
<i>Pseudephemerum nitidum</i> (Hedw.) Loeske	7	8	3	16
<i>Trichodon cylindricus</i> (Hedw.) Schimp. (<i>Ditrichum cylindricum</i> (Hedw.) Grout)	7	13	9	28
<i>Ditrichum plumbicola</i> Crundw. ERDB, NS, UKBAP, NERC		1		1
<i>Ditrichum heteromallum</i> (Hedw.) E.Britton	10	29	17	50
<i>Ditrichum zonatum</i> (Brid.) Kindb. (includes var. <i>scabrifolium</i> Dixon) NS			1	1
<i>Ditrichum flexicaule</i> sensu lato (includes <i>D. flexicaule</i> (Schwägr.) Hampe & <i>D. gracile</i> (Mitt.) Kuntze)	12	25	9	43
<i>Ditrichum flexicaule</i> (Schwägr.) Hampe sensu stricto	1			1
<i>Ditrichum gracile</i> (Mitt.) Kuntze (<i>D. crispatisimum</i> (Müll.Hal.) Paris)	2	3	2	7
<i>Distichium capillaceum</i> (Hedw.) Bruch & Schimp.	7	9	2	17
<i>Distichium inclinatum</i> (Hedw.) Bruch & Schimp. NS	3		4	7
<i>Ceratodon purpureus</i> (Hedw.) Brid.	40	49	25	103
Family: Rhabdoweisiaceae				
<i>Amphidium lapponicum</i> (Hedw.) Schimp. NS	1		2	3

<i>Amphidium mougeotii</i> (Schimp.) Schimp.	11	24	7	37
<i>Rhabdoweisia fugax</i> (Hedw.) Bruch & Schimp.	1		2	3
<i>Rhabdoweisia crispata</i> (Dicks.) Lindb.	1		3	4
<i>Rhabdoweisia crenulata</i> (Mitt.) H.Jameson	1		1	2
<i>Cynodontium bruntonii</i> (Sm.) Bruch & Schimp. (<i>Oreoweisia bruntonii</i> (Sm.) Milde)	1	6	5	11
<i>Cynodontium jeneri</i> (Schimp.) Stirt.			4	4
NS				
<i>Cynodontium polycarpon</i> (Hedw.) Schimp.			2	2
VU, NR				
<i>Dichodontium pellucidum</i> sensu lato (includes <i>D. pellucidum</i> (Hedw.) Schimp. & <i>D. flavescens</i> (Dicks.) Lindb.)	24	40	20	72
<i>Dichodontium pellucidum</i> (Hedw.) Schimp. sensu stricto	23	39	18	70
<i>Dichodontium flavescens</i> (Dicks.) Lindb.		1	1	1
(NS)				
<i>Dichodontium palustre</i> (Dicks.) M.Stech (<i>Dicranella palustris</i> (Dicks.) Crundw.)	16	32	12	53
<i>Dicranoweisia cirrata</i> (Hedw.) Lindb.	36	45	19	90
<i>Kiaeria falcata</i> (Hedw.) I.Hagen	1			1
NS				
<i>Kiaeria blyttii</i> (Bruch & Schimp.) Broth.	1		2	3
Family: Schistostegaceae				
<i>Schistostega pennata</i> (Hedw.) F.Weber & D.Mohr			1	1
Family: Dicranaceae				
<i>Dicranella schreberiana</i> (Hedw.) Dixon	16	32	15	61
<i>Dicranella crispa</i> (Hedw.) Schimp.	1		4	5
NS				
<i>Dicranella subulata</i> (Hedw.) Schimp.	1	5	2	8
<i>Dicranella varia</i> (Hedw.) Schimp.	27	41	18	79
<i>Dicranella staphylina</i> H.Whitehouse	10	13	13	35
<i>Dicranella rufescens</i> (Dicks.) Schimp.	8	17	10	33
<i>Dicranella cerviculata</i> (Hedw.) Schimp.	3	11	5	19
<i>Dicranella heteromalla</i> (Hedw.) Schimp.	40	45	21	95
<i>Dicranum bonjeanii</i> De Not.	12	29	9	46
<i>Dicranum leioneuron</i> Kindb.		2		2
DD, NR				
<i>Dicranum scoparium</i> Hedw.	36	42	23	92
<i>Dicranum majus</i> Sm.	16	29	13	53
<i>Dicranum spurium</i> Hedw.	1		1	2
VU, NS, UKBAP, NERC				
<i>Dicranum undulatum</i> Schrad. ex Brid. (<i>D. bergeri</i> Blandow)			2	2
VU, NS, UKBAP, NERC				

<i>Dicranum fuscescens</i> sensu lato (includes <i>D. fuscescens</i> Sm. & <i>D. flexicaule</i> Brid.)	8	29	10	46
<i>Dicranum fuscescens</i> Sm. sensu stricto	Y	9	4	13
<i>Dicranum flexicaule</i> Brid. (<i>D. fuscescens</i> var. <i>congestum</i> (Brid.) Kinbd.) NT, (NS)	1		1	2
<i>Dicranum elongatum</i> Schleich. ex Schwägr. RE, NR, UKBAP			1	1
<i>Dicranum scottianum</i> Turner ex R.Scott		7	5	12
<i>Dicranum tauricum</i> Sapjegin	13	11	5	27
<i>Dicranum montanum</i> Hedw.	2	3	1	6
Family: Leucobryaceae				
<i>Dicranodontium asperulum</i> (Mitt.) Broth. NS		1		1
<i>Dicranodontium denudatum</i> (Brid.) E.Britton	1	3		4
<i>Campylopus subulatus</i> Schimp. ex Milde NS	1			1
<i>Campylopus fragilis</i> (Brid.) Bruch & Schimp.	5	29	13	44
<i>Campylopus pyriformis</i> (Schultz) Brid. (includes var. <i>azoricus</i> (Mitt.) M.F.V.Corley)	15	34	13	55
<i>Campylopus flexuosus</i> (Hedw.) Brid. (<i>C. paradoxus</i> Wilson, <i>C. pyriformis</i> var. <i>fallicosus</i> (Thér.) M.F.V.Corley)	17	38	14	62
<i>Campylopus atrovirens</i> De Not. var. <i>atrovirens</i>	2	4		6
<i>Campylopus introflexus</i> (Hedw.) Brid.	29	33	13	71
<i>Campylopus brevipilus</i> Bruch & Schimp.		1		1
<i>Leucobryum glaucum</i> (Hedw.) Ångstr. HabDir	12	33	11	49
Order: Pottiales				
Family: Pottiaceae				
<i>Eucladium verticillatum</i> (With.) Bruch & Schimp.	12	33	12	55
<i>Weissia</i> Hedw. agg. (includes all <i>Weissia</i> taxa)	31	39	16	80
<i>Weissia controversa</i> Hedw.	29	38	15	75
<i>Weissia controversa</i> Hedw. var. <i>controversa</i>	3	11	4	18
<i>Weissia controversa</i> var. <i>densifolia</i> (Bruch & Schimp.) Wilson (NS)	2	2		4
<i>Weissia rutilans</i> (Hedw.) Lindb.	1	1	1	3
<i>Weissia brachycarpa</i> (Nees & Hornsch.) Jur. (<i>W. microstoma</i> (Hedw.) Müll.Hal.)	3	14	3	20
<i>Weissia brachycarpa</i> (Nees & Hornsch.) Jur. var. <i>brachycarpa</i> (<i>W. microstoma</i> var. <i>brachycarpa</i> (Nees & Hornsch. Müll.Hal.) (NS)	1			1
<i>Weissia brachycarpa</i> var. <i>obliqua</i> (Nees & Hornsch.) M.O.Hill (<i>W. microstoma</i> (Hedw.) Müll.Hal. var. <i>microstoma</i> , hom. illeg.)	Y	1	Y	1
<i>Weissia rostellata</i> (Brid.) Lindb. NS		2		2
<i>Weissia longifolia</i> Mitt. var. <i>longifolia</i>	1			1

<i>Weissia longifolia</i> var. <i>angustifolia</i> (Baumgartner) Crundw. & Nyholm	8	1		9
<i>Tortella tortuosa</i> (Hedw.) Limpr.	17	25	12	50
<i>Tortella densa</i> (Lorentz & Molendo) Crundw. & Nyholm NS	2			2
<i>Tortella inclinata</i> (R.Hedw.) Limpr. NS	1			1
<i>Tortella flavovirens</i> (Bruch) Broth. (includes var. <i>glareicola</i> (T.A.Chr.) Crundw. & Nyholm)	2	1	4	7
<i>Trichostomum brachydontium</i> Bruch	8	15	10	31
<i>Trichostomum crispulum</i> Bruch	10	3	6	19
<i>Trichostomum tenuirostre</i> (Hook. & Taylor) Lindb. (<i>Oxystegus tenuirostris</i> (Hook. & Taylor) A.J.E.Sm., <i>T. tenuirostre</i> var. <i>holtii</i> (Braithw.) Dixon)	4	4	3	11
<i>Hymenostylium recurvirostrum</i> (Hedw.) Dixon var. <i>recurvirostrum</i> (<i>Gymnostomum recurvirostrum</i> Hedw.)	6	11	6	23
<i>Anoetangium aestivum</i> (Hedw.) Mitt.	5	2		7
<i>Gyroweisia tenuis</i> (Hedw.) Schimp.	3	19	10	30
<i>Gymnostomum aeruginosum</i> Sm.	12	30	15	52
<i>Ephemerum recurvifolium</i> (Dicks.) Boulay NS	1			1
<i>Ephemerum sessile</i> (Bruch) Müll.Hal. NS		1		1
<i>Ephemerum serratum</i> sensu lato (includes <i>E. serratum</i> (Hedw.) Hampe & <i>E. minutissimum</i> Lindb.)	5	8	3	15
<i>Ephemerum serratum</i> (Hedw.) Hampe sensu stricto	1	2	2	4
<i>Ephemerum minutissimum</i> Lindb.	5	4	1	10
<i>Dialytrichia mucronata</i> (Brid.) Broth. (<i>Cinclidotus mucronatus</i> (Brid.) Guim.)	1			1
<i>Pseudocrossidium hornschuchianum</i> (Schultz) R.H.Zander (<i>Barbula hornschuchiana</i> Schultz)	11	15	11	35
<i>Pseudocrossidium revolutum</i> (Brid.) R.H.Zander (<i>Barbula revoluta</i> Brid.)	10	25	11	46
<i>Bryoerythrophyllum recurvirostrum</i> (Hedw.) P.C.Chen (<i>Barbula recurvirostra</i> (Hedw.) Dixon)	27	38	22	80
<i>Bryoerythrophyllum ferruginascens</i> (Stirt.) Giacom. (<i>Barbula ferruginascens</i> Stirt.)	3	5		8
<i>Leptodontium flexifolium</i> (Dicks.) Hampe	7	24	9	36
<i>Barbula convoluta</i> Hedw.	38	48	24	100
<i>Barbula convoluta</i> Hedw. var. <i>convoluta</i>	30	40	23	84
<i>Barbula convoluta</i> var. <i>sardoa</i> Schimp. (<i>B. commutata</i> Jur., <i>B. convoluta</i> var. <i>commutata</i> (Jur.) Husn., <i>B. sardoa</i> (Schimp.) J.-P.Frahm, nom. inval.)	1	8	3	12
<i>Barbula unguiculata</i> Hedw.	36	46	23	94
<i>Didymodon rigidulus</i> Hedw. (<i>Barbula mamillosa</i> Crundw., <i>B. rigidula</i> (Hedw.) Milde., <i>D. mamillosus</i> (Crundw.) M.O.Hill)	17	40	21	70
<i>Didymodon nicholsonii</i> Culm. (<i>Barbula nicholsonii</i> Culm.)	3	3	11	14
<i>Didymodon vinealis</i> (Brid.) R.H.Zander (<i>Barbula vinealis</i> Brid., <i>D. reedii</i> auct. non H.Rob.)	10	7	9	27

<i>Didymodon insulanus</i> (De Not.) M.O.Hill (<i>Barbula cylindrica</i> (Taylor) Schimp.)	34	48	23	94
<i>Didymodon luridus</i> Hornsch. (<i>Barbula trifaria</i> auct. non (Hedw.) Mitt.)	3	4	9	16
<i>Didymodon sinuosus</i> (Mitt.) Delogne (<i>Barbula sinuosa</i> (Mitt.) Grav., <i>Oxystegus sinuosus</i> (Mitt.) Hilpert)	2	1	1	4
<i>Didymodon tophaceus</i> (Brid.) Lisa (<i>Barbula tophacea</i> (Brid.) Mitt.)	24	35	16	69
<i>Didymodon spadiceus</i> (Mitt.) Limpr. (<i>Barbula spadicea</i> (Mitt.) Braithw.)	11	20	11	38
<i>Didymodon fallax</i> (Hedw.) R.H.Zander (<i>Barbula fallax</i> Hedw.)	30	43	20	85
<i>Didymodon ferrugineus</i> (Schimp. ex Besch.) M.O.Hill (<i>Barbula reflexa</i> (Brid.) Brid.)	4	5	3	12
<i>Pterygoneurum ovatum</i> (Hedw.) Dixon	2	2	2	6
DD, NS				
<i>Aloina brevisrostris</i> (Hook. & Grev.) Kindb.	1			1
NS				
<i>Aloina rigida</i> (Hedw.) Limpr.	2	1		3
NS				
<i>Aloina aloides</i> (Koch ex Schultz) Kindb.	12	9	5	26
<i>Aloina ambigua</i> (Bruch & Schimp.) Limpr. (<i>A. aloides</i> var. <i>ambigua</i> (Bruch & Schimp.) E.J.Craig)	3		1	4
NS				
<i>Tortula subulata</i> Hedw. (<i>T. subulata</i> var. <i>graeffii</i> Warnst., <i>T. subulata</i> var. <i>subinermis</i> (Bruch & Schimp.) Wilson)	21	28	19	64
<i>Tortula marginata</i> (Bruch & Schimp.) Spruce	1			1
<i>Tortula muralis</i> Hedw. (<i>T. muralis</i> var. <i>aestiva</i> Hedw.)	40	47	23	100
<i>Tortula atrovirens</i> (Sm.) Lindb. (<i>Desmatodon convolutus</i> (Brid.) Grout)			1	1
NS				
<i>Tortula lanceola</i> R.H.Zander (<i>Pottia lanceolata</i> (Hedw.) Müll.Hal.)	5	2	4	11
<i>Tortula viridifolia</i> (Mitt.) Blockeel & A.J.E.Sm. (<i>Pottia crinata</i> Bruch & Schimp.)			2	2
<i>Tortula modica</i> R.H.Zander (<i>Pottia intermedia</i> (Turner) Fűrnr.)	1	3	3	7
<i>Tortula truncata</i> (Hedw.) Mitt. (<i>Pottia truncata</i> (Hedw.) Bruch & Schimp.)	21	30	16	63
<i>Tortula protobryoides</i> R.H.Zander (<i>Pottia bryoides</i> (Dicks.) Mitt., <i>Protobryum bryoides</i> (Dicks.) J.Guerra & M.J.Cano)	4	1	1	5
<i>Phascum cuspidatum</i> Hedw. (<i>Tortula acaulon</i> (With.) R.H.Zander)	19	24	19	48
<i>Phascum cuspidatum</i> Hedw. var. <i>cuspidatum</i> (<i>Tortula acaulon</i> (With.) R.H.Zander var. <i>acaulon</i>)	14	2	2	18
<i>Phascum cuspidatum</i> var. <i>piliferum</i> (Hedw.) Hook. & Taylor (<i>Tortula acaulon</i> var. <i>pilifera</i> (Hedw.) R.H.Zander)	2	2	2	6
(NS)				
<i>Phascum cuspidatum</i> var. <i>schreberianum</i> (Dicks.) Brid. (<i>Tortula acaulon</i> var. <i>schreberiana</i> (Dicks.) R.H.Zander)	1			1
(NS)				
<i>Microbryum starckeanum</i> (Hedw.) R.H.Zander (<i>Pottia starckeanum</i> (Hedw.) Müll.Hal., <i>P. starckeanum</i> var. <i>brachyodus</i> (Bruch & Schimp.) Müll.Hal.)			1	1
NS				
<i>Microbryum davallianum</i> (Sm.) R.H.Zander var. <i>davallianum</i> (<i>M. davallianum</i> (Sm.) R.H.Zander, <i>Pottia starckeanum</i> subsp. <i>conica</i> (Schleich. ex Schwägr) D.F.Chamb., <i>P. starckeanum</i> subsp. <i>minutula</i> (Schwägr) D.F.Chamb.)	3	5	1	9
<i>Microbryum davallianum</i> var. <i>commutatum</i> (<i>Pottia commutata</i> Limpr.)	1			1
(NS)				

<i>Microbryum curvicolium</i> (Hedw.) R.H.Zander (<i>Phascum curvicolium</i> Hedw.)	3		1	4
<i>Microbryum floerkeanum</i> (F.Weber & D.Mohr) Schimp. (<i>Phascum floerkeanum</i> F.Weber & D.Mohr)	2			2
<i>Hennediella stanfordensis</i> (Steere) Blockeel (<i>Hyophila stanfordensis</i> (Steere) A.J.E.Sm. & H.Whitehouse, <i>Tortula stanfordensis</i> Steere)	1			1
(NS)				
<i>Hennediella macrophylla</i> (R.Br.bis) Paris (<i>Tortula brevis</i> H.Whitehouse & M.E.Newton)			2	2
(NS)				
<i>Hennediella heimii</i> (Hedw.) R.H.Zander (<i>Pottia heimii</i> (Hedw.) Hampe)	7	3	7	16
<i>Acaulon muticum</i> (Brid.) Müll.Hal.	1	1	3	5
<i>Syntrichia ruralis</i> (Hedw.) F.Weber & D.Mohr. var. <i>ruralis</i> (<i>Tortula calcicolens</i> W.A.Kramer, <i>T. ruralis</i> (Hedw.) P.Gaertn et al.)	12	22	7	40
<i>Syntrichia ruralis</i> var. <i>ruraliformis</i> (Besch.) Delogne (<i>S. ruraliformis</i> (Besch.) Cardot, <i>S. ruralis</i> subsp. <i>ruraliformis</i> (Besch.) Dixon)	3	6	11	19
<i>Syntrichia montana</i> Nees (<i>S. intermedia</i> Brid., <i>Tortula intermedia</i> (Brid.) Berk. hom. Illeg.)	10	14	7	30
<i>Syntrichia virescens</i> (De Not.) Ochyra (<i>Tortula virescens</i> (De Not.) De Not.)	1			1
<i>Syntrichia laevipila</i> Brid. (<i>S. laevipila</i> var. <i>laevipilaeformis</i> (De Not) J.J.Amann, <i>Tortula laevipila</i> (Brid.) Schwägr.)	8	20	7	35
<i>Syntrichia papillosa</i> (Wilson) Jur. (<i>Tortula papillosa</i> Wilson)	4		4	8
<i>Syntrichia latifolia</i> (Bruch ex Hartm.) Huebener (<i>Tortula latifolia</i> Bruch ex Hartm.)	14	4	9	25
<i>Cinclidotus fontinaloides</i> (Hedw.) P.Beauv.	18	27	17	55
Order: Splachnales				
Family: Splachnaceae				
<i>Tetraplodon mnioides</i> (Hedw.) Bruch & Schimp.	6	13	2	19
<i>Aplodon wormskioldii</i> (Hornem.) R.Br.	3			3
CR, NR, UKBAP, NERC				
<i>Splachnum sphaericum</i> Hedw.	7	14	2	20
<i>Splachnum ampullaceum</i> Hedw.	2	6	1	9
<i>Splachnum vasculosum</i> Hedw.			1	1
VU, NS, UKBAP, NERC				
Family: Meesiaceae				
<i>Meesia uliginosa</i> Hedw.	3	2		5
NS				
<i>Amblyodon dealbatus</i> (Hedw.) P.Beauv.	2	2	4	8
NS				
<i>Leptobryum pyriforme</i> (Hedw.) Wilson	5	6	5	15
Order: Orthotrichales				
Family: Orthotrichaceae				
<i>Zygodon viridissimus</i> (Dicks.) Brid.	13	35	18	58
<i>Zygodon viridissimus</i> (Dicks.) Brid. var. <i>viridissimus</i>	8	34	17	54
<i>Zygodon viridissimus</i> var. <i>stirtonii</i> (Schimp. ex Stirt.) I.Hagen (<i>Z. stirtonii</i> Schimp. ex Stirt.)			2	2
<i>Zygodon rupestris</i> Schimp. ex Lorentz (<i>Z. baumgartneri</i> Malta)		2		2

<i>Zygodon conoideus</i> (Dicks.) Hook. & Taylor var. <i>conoideus</i> (NS)	2	4	1	7
<i>Orthotrichum lyellii</i> Hook. & Taylor	4	10	7	21
<i>Orthotrichum striatum</i> Hedw.	3	3	2	8
<i>Orthotrichum speciosum</i> Nees NT, NR	1			1
<i>Orthotrichum affine</i> Schrad. ex Brid.	25	40	22	79
<i>Orthotrichum rupestre</i> Schleich. ex Schwägr.	2	6	3	10
<i>Orthotrichum anomalum</i> Hedw.	23	37	12	68
<i>Orthotrichum cupulatum</i> Hoffm. ex Brid. (<i>O. cupulatum</i> var. <i>riparium</i> Huebener)	12	18	12	40
<i>Orthotrichum rivulare</i> Turner	4	6	9	16
<i>Orthotrichum sprucei</i> Mont.		3	6	7
<i>Orthotrichum stramineum</i> Hornsch. ex Brid.	6	12	6	24
<i>Orthotrichum tenellum</i> Bruch ex Brid.	1	1	1	3
<i>Orthotrichum pallens</i> Bruch ex Brid. EN, NR, UKBAP, NERC, DBAP	3			3
<i>Orthotrichum pumilum</i> Sw. ex anon. (<i>O. schimperi</i> Hammar) EN, NR, UKBAP, NERC	1			1
<i>Orthotrichum diaphanum</i> Schrad. ex Brid.	30	36	20	77
<i>Orthotrichum pulchellum</i> Brunt.	5	11	7	23
<i>Ulota drummondii</i> (Hook. & Grev.) Brid.	5	9	3	16
<i>Ulota crispa</i> (Hedw.) Brid.	11	36	16	56
<i>Ulota bruchii</i> Hornsch. ex Brid. (<i>U. crispa</i> var. <i>norvegica</i> (Gronvall) A.J.E.Sm. & M.O.Hill)	4	29	9	41
<i>Ulota hutchinsiae</i> (Sm.) Hammar		1		1
<i>Ulota phyllantha</i> Brid.	4	6	13	23
Order: Hedwigiales				
Family: Hedwigiaceae				
<i>Hedwigia ciliata</i> sensu lato (includes <i>H. ciliata</i> (Hedw.) P.Beauv. & <i>H. stellata</i> Hedenäs)	2	17	6	23
<i>Hedwigia stellata</i> Hedenäs	1		2	3
Order: Bryales				
Family: Catosciopiaceae				
<i>Catoscopium nigratum</i> (Hedw.) Brid. NS	2		3	5
Family: Bartramiaceae				
<i>Plagiopus oederianus</i> (Sw.) H.A.Crum & L.E.Anderson (<i>P. oederi</i> (Brid. Limpr.) NS	2			2
<i>Bartramia halleriana</i> Hedw. NS	1			1
<i>Bartramia pomiformis</i> Hedw.	11	29	12	47
<i>Bartramia ithyphylla</i> Brid.	3	13	8	23

<i>Philonotis arnellii</i> Husn.		3	2	5
NS				
<i>Philonotis caespitosa</i> Jur.	1	1	1	3
NS				
<i>Philonotis fontana</i> (Hedw.) Brid.	21	36	17	66
<i>Philonotis tomentella</i> Molendo			1	1
NS				
<i>Philonotis calcarea</i> (Bruch & Schimp.) Schimp.	11	17	7	31
<i>Breutelia chrysocoma</i> (Hedw.) Lindb.	4	12	1	17
Family: Bryaceae				
<i>Plagiobryum zieri</i> (Hedw.) Lindb.	4	5	1	9
<i>Anomobryum julaceum</i> sensu lato (includes <i>A. julaceum</i> (Schrad. ex P.Gaertn. et al.) Schimp. & <i>A. concinnatum</i> (Spruce) Lindb.	4	11	3	17
<i>Anomobryum julaceum</i> (Schrad. ex P.Gaertn. et al.) Schimp.	4	9	3	16
<i>Anomobryum concinnatum</i> (Spruce) Lindb. (<i>A. filiforme</i> var. <i>concinnatum</i> (Spruce) Loeske, <i>A. julaceum</i> var. <i>concinnatum</i> (Spruce) J.E.Zetterst.)	1		1	2
(NS)				
<i>Bryum marratii</i> Hook.f. & Wilson			2	2
VU, NR, UKBAP, NERC				
<i>Bryum warneum</i> (Röhl.) Brid. (<i>B. mamillatum</i> Lindb.)	1			1
NT, NS, UKBAP, NERC, WACA8				
<i>Bryum calophyllum</i> R.Br.	1		1	2
VU, NR, UKBAP, NERC				
<i>Bryum uliginosum</i> (Brid.) Bruch & Schimp.			1	1
RE, NR, UKBAP				
<i>Bryum pallens</i> Sw. ex anon. (<i>B. subelegans</i> Kindb.)	25	41	18	75
<i>Bryum turbinatum</i> (Hedw.) Turner		1		1
RE				
<i>Bryum weigeli</i> Spreng.			1	1
NS				
<i>Bryum algovicum</i> var. <i>rutheanum</i> (Warnst.) Crundw.	2	4	4	10
<i>Bryum knowltonii</i> Barnes	1		3	4
VU, NS, UKBAP, NERC				
<i>Bryum archangelicum</i> Bruch & Schimp. (<i>B. imbricatum</i> auct. non (Schwägr.) Bruch & Schimp., <i>B. inclinatum</i> (Brid.) Turton, hom. Illeg. nom (Hedw.) Dixon)	3	1	1	5
<i>Bryum intermedium</i> (Brid.) Blandow	1	2	5	8
DD, NS				
<i>Bryum capillare</i> Hedw. (<i>B. capillare</i> var. <i>rufifolium</i> (Dixon) Podp.)	40	49	24	102
<i>Bryum elegans</i> Nees (<i>B. stirtonii</i> Schimp.)	3		1	4
NS				
<i>Bryum moravicum</i> Podp. (<i>B. flaccidum</i> auct. non Brid., <i>B. laevifilum</i> Syed, <i>B. subelegans</i> auct. non Kindb.)	19	3	1	23
<i>Bryum torquescens</i> Bruch & Schimp.	1			1
NS				
<i>Bryum creberrimum</i> Taylor	1			1
NT, NS				
<i>Bryum pallescens</i> Schleich. ex Schwägr.	4	1	1	6
<i>Bryum pseudotriquetrum</i> (Hedw.) P.Gaertn. et al.	32	37	18	78
<i>Bryum pseudotriquetrum</i> (Hedw.) P.Gaertn. et al. var. <i>pseudotriquetrum</i> (<i>B. neodamense</i> Itzigs)	28	22	9	55

<i>Bryum pseudotriquetrum</i> var. <i>bimum</i> (Schreb.) Lilj. (<i>B. bimum</i> (Schreb.) Turner)	1		1	2
<i>Bryum caespiticium</i> sensu lato	27	35	17	70
<i>Bryum caespiticium</i> Hedw.	4	Y	Y	4
<i>Bryum kunzei</i> Hornsch. NT, NS	1			1
<i>Bryum argenteum</i> Hedw.	40	44	23	97
<i>Bryum gemmiferum</i> R.Wilczek & Demaret	1		4	5
<i>Bryum dichotomum</i> sensu lato	39	43	23	92
<i>Bryum dichotomum</i> Hedw.	36	35	17	83
<i>Bryum radiculosum</i> Brid.		2	2	4
<i>Bryum ruderale</i> Crundw. & Nyholm	1	3	1	5
<i>Bryum violaceum</i> Crundw. & Nyholm	7		3	10
<i>Bryum klinggraeffii</i> Schimp.	7	1	2	10
<i>Bryum sauteri</i> Bruch & Schimp.	2			2
<i>Bryum subapiculatum</i> Hampe	12	3	3	18
<i>Bryum bornholmense</i> Wink. & R.Ruthe		1		1
<i>Bryum rubens</i> Mitt.	17	26	14	55
<i>Bryum mildeanum</i> Jur. NS	1			1
<i>Bryum alpinum</i> Huds. ex With.	6	5	7	17
<i>Rhodobryum roseum</i> (Hedw.) Limpr.	3	5	2	10
Family: Mielichhoferiaceae				
<i>Pohlia elongata</i> Hedw. var. <i>elongata</i>	5	2	1	8
<i>Pohlia cruda</i> (Hedw.) Lindb.	8	14	7	28
<i>Pohlia nutans</i> (Hedw.) Lindb.	37	41	18	87
<i>Pohlia drummondii</i> (Müll.Hal.) A.L.Andrews	1	3	1	5
<i>Pohlia filum</i> (Schimp.) Martensson NS		3		3
<i>Pohlia bulbifera</i> (Warnst.) Warnst.		1		1
<i>Pohlia annotina</i> (Hedw.) Lindb.	13	28	7	44
<i>Pohlia camptotrachela</i> (Renauld & Cardot) Broth.			1	1
<i>Pohlia ludwigii</i> (Spreng. ex Schwägr.) Broth. NS			2	2
<i>Pohlia lutescens</i> (Limpr.) H.Lindb.	1	1		2
<i>Pohlia melanodon</i> (Brid.) A.J.Shaw	30	33	20	76

<i>Pohlia wahlenbergii</i> (F.Weber & D.Mohr.) A.L.Andrews var. <i>wahlenbergii</i>	18	36	19	66
<i>Pohlia wahlenbergii</i> var. <i>glacialis</i> (Brid.) E.F.Warb. (NS)			1	1
Family: Mniaceae				
<i>Mnium hornum</i> Hedw.	38	46	22	94
<i>Mnium marginatum</i> (Dicks.) P.Beauv. var. <i>marginatum</i>	5	8	3	16
<i>Mnium stellare</i> Hedw.	14	26	13	47
Family: Cinclidaceae				
<i>Cinclidium stygium</i> Sw.	2			2
NS				
<i>Rhizomnium punctatum</i> (Hedw.) T.J.Kop.	40	43	21	92
<i>Rhizomnium pseudopunctatum</i> (Bruch & Schimp.) T.J.Kop.	3	3	2	8
Family: Plagiomniaceae				
<i>Plagiomnium cuspidatum</i> (Hedw.) T.J.Kop.	11	12	4	26
<i>Plagiomnium affine</i> sensu lato	13	27	13	52
<i>Plagiomnium affine</i> (Blandow ex Funck) T.J.Kop. sensu stricto	2	10?	5	17
<i>Plagiomnium elatum</i> (Bruch & Schimp.) T.J.Kop.	5	16	5	26
<i>Plagiomnium ellipticum</i> (Brid.) T.J.Kop.	7	8	6	21
<i>Plagiomnium undulatum</i> (Hedw.) T.J.Kop.	41	47	22	99
<i>Plagiomnium rostratum</i> (Schrad.) T.J.Kop.	38	37	11	80
<i>Pseudobryum cinclidioides</i> (Huebener) T.J.Kop. NS			2	2
Family: Aulacomniaceae				
<i>Aulacomnium palustre</i> (Hedw.) Schwägr.	24	36	14	65
<i>Aulacomnium androgynum</i> (Hedw.) Schwägr.	28	15	4	47
Family: Orthodontiaceae				
<i>Orthodontium lineare</i> Schwägr.	33	30	12	72
<i>Orthodontium gracile</i> (Wilson) Schwägr. ex Bruch & Schimp. ERDB, VU, NR, UKBAP, NERC			1	1
Order: Hookeriales				
Family: Hookeriaceae				
<i>Hookeria lucens</i> (Hedw.) Sm.	17	31	11	52
Order: Hypnales				
Family: Fontinalaceae				
<i>Fontinalis antipyretica</i> Hedw. sensu lato	23	41	21	77
<i>Fontinalis antipyretica</i> Hedw. var. <i>antipyretica</i>	10	33	21	55

<i>Fontinalis antipyretica</i> var. <i>gracilis</i> (Lindb.) Schimp.	5	6	1	12
<i>Fontinalis squamosa</i> Hedw. var. <i>squamosa</i> (NS)	1	5	2	8
Family: Climaciaceae				
<i>Climacium dendroides</i> (Hedw.) F.Weber & D.Mohr	18	36	18	64
Family: Amblystegiaceae				
<i>Palustriella commutata</i> sensu lato	31	38	17	79
<i>Palustriella commutata</i> (Hedw.) Ochyra sensu stricto	31	37	17	78
<i>Palustriella falcata</i> (Brid.) Hedenäs	10	23	8	38
<i>Cratoneuron filicinum</i> (Hedw.) Spruce	37	48	24	96
<i>Campylium stellatum</i> (Hedw.) J.Lange & C.E.O.Jensen	20	30	10	56
<i>Campylium protensum</i> (Brid.) Kindb.	13	20	5	37
<i>Campyliadelphus chrysophyllus</i> (Brid.) R.S.Chopra	8	7	4	19
<i>Campyliadelphus elodes</i> (Lindb.) Kanda NS		1	4	5
<i>Amblystegium serpens</i> (Hedw.) Schimp. var. <i>serpens</i>	40	45	25	99
<i>Amblystegium serpens</i> var. <i>salinum</i> Carrington			4	4
<i>Amblystegium confervoides</i> (Brid.) Schimp. NS	1			1
<i>Hygroamblystegium fluviatile</i> (Hedw.) Loeske	16	6	11	31
<i>Hygroamblystegium tenax</i> (Hedw.) Jenn.	8	11	13	29
<i>Hygroamblystegium varium</i> (Hedw.) Mönk.	3	4		7
<i>Leptodictyum riparium</i> (Hedw.) Warnst.	24	8	10	42
<i>Conardia compacta</i> (Drumm. ex Müll.Hal.) H.Rob. NS	1	1	4	6
<i>Drepanocladus polygamus</i> (Schimp.) Hedenäs		1	3	4
<i>Drepanocladus aduncus</i> (Hedw.) Warnst.	16	6	4	25
<i>Drepanocladus sendtneri</i> (Schimp. ex H.Müll.) Warnst. NS			2	2
<i>Tomentypnum nitens</i> (Hedw.) Loeske VU, NS	3	3	1	7
<i>Sanionia uncinata</i> (Hedw.) Loeske	17	36	17	63
<i>Hygrohypnum ochraceum</i> (Turner ex Wilson) Loeske	16	24	8	43
<i>Hygrohypnum luridum</i> (Hedw.) Jenn.	22	35	18	68
<i>Hygrohypnum eugyrium</i> (Schimp.) Broth.	1		2	3
<i>Hygrohypnum duriusculum</i> (De Not.) D.W.Jamieson NT, NS			1	1
<i>Pseudocalliergon lycopodioides</i> (Brid.) Hedenäs NT, NS	1	1	1	3

Family: Calliergonaceae				
<i>Warnstorfia fluitans</i> (Hedw.) Loeske	16	24	9	46
<i>Sarmentypnum exannulatum</i> (Schimp.) Hedenäs	7	10	3	19
<i>Sarmentypnum sarmentosum</i> (Wahlenb.) Tuom. & T.J.Kop.	3			3
<i>Straminergon stramineum</i> (Dicks. ex Brid.) Hedenäs	16	27	8	46
<i>Scorpidium revolvens</i> sensu lato	12	26	8	42
<i>Scorpidium revolvens</i> (Sw. ex anon.) Rubers sensu stricto	3	1	1	5
<i>Scorpidium cossonii</i> (Schimp.) Hedenäs	4	3	1	8
<i>Scorpidium scorpioides</i> (Hedw.) Limpr.	1	4	4	9
<i>Calliergon cordifolium</i> (Hedw.) Kindb.	21	11	3	35
<i>Calliergon giganteum</i> (Schimp.) Kindb.	6	14	4	23
Family: Leskeaceae				
<i>Leskea polycarpa</i> Hedw.	12	15	13	39
<i>Pseudoleskeella catenulata</i> (Brid. ex Schrad.) Kindb. NS	2			2
Family: Thuidiaceae				
<i>Abietinella abietina</i> (Hedw.) M.Fleisch. var. <i>abietina</i> NS	2			2
<i>Thuidium tamariscinum</i> (Hedw.) Schimp.	32	45	20	87
<i>Thuidium delicatulum</i> (Hedw.) Schimp.	2	3		5
<i>Thuidium assimile</i> (Mitt.) A.Jaeger	4	10	1	14
Family: Brachytheciaceae				
<i>Pseudoscleropodium purum</i> (Hedw.) M.Fleisch.	36	46	24	96
<i>Eurhynchium striatum</i> (Hedw.) Schimp.	34	42	17	86
<i>Platyhypnidium riparioides</i> (Hedw.) Dixon	35	41	22	85
<i>Rhynchostegium murale</i> (Hedw.) Schimp.	22	13	3	36
<i>Rhynchostegium confertum</i> (Dicks.) Schimp.	35	36	18	82
<i>Rhynchostegium megapolitanum</i> (Blandow ex F.Weber & D.Mohr) Schimp.		1		1
<i>Rhynchostegiella tenella</i> (Dicks.) Limpr.	3	3	11	16
<i>Rhynchostegiella teneriffae</i> (Mont.) Dirkse & Bouman	3	3	4	10
<i>Cirriphyllum piliferum</i> (Hedw.) Grout	33	33	7	69
<i>Cirriphyllum crassinervium</i> (Taylor) Loeske & M.Fleisch.	8	16	6	29
<i>Oxyrrhynchium pumilum</i> (Wilson) Loeske	7	18	7	31
<i>Oxyrrhynchium hians</i> (Hedw.) Loeske	35	44	25	94

<i>Oxyrrhynchium schleicheri</i> (R.Hedw.) Röll		2	5	7
<i>Oxyrrhynchium speciosum</i> (Brid.) Warnst.			1	1
<i>Kindbergia praelonga</i> (Hedw.) Ochyra	40	48	25	102
<i>Sciuro-hypnum populeum</i> (Hedw.) Ignatov & Huttunen	12	36	14	58
<i>Sciuro-hypnum plumosum</i> (Hedw.) Ignatov & Huttunen	23	44	17	74
<i>Brachythecium albicans</i> (Hedw.) Schimp.	21	20	14	52
<i>Brachythecium glareosum</i> (Bruch ex Spruce) Schimp.	7	23	7	34
<i>Brachythecium salebrosum</i> (Hoffm. ex F.Weber & D.Mohr) Schimp.	1			1
NS				
<i>Brachythecium mildeanum</i> (Schimp.) Schimp.	1	2	2	5
<i>Brachythecium rutabulum</i> (Hedw.) Schimp.	40	49	26	103
<i>Brachythecium rivulare</i> Schimp.	38	41	24	92
<i>Scleropodium cespitans</i> (Wilson ex Müll.Hal.) L.F.Koch		2	6	7
<i>Brachytheciastrum velutinum</i> (Hedw.) Ignatov & Huttunen	37	38	17	86
<i>Homalothecium sericeum</i> (Hedw.) Schimp.	33	47	23	91
<i>Homalothecium lutescens</i> (Hedw.) H.Rob.	11	21	8	39
Family: Hypnaceae				
<i>Campylophyllum calcareum</i> (Crundw. & Nyholm) Hedenäs		2		2
NS				
<i>Calliergonella cuspidata</i> (Hedw.) Loeske	40	49	25	102
<i>Calliergonella lindbergii</i> (Mitt.) Hedenäs	5	24	8	35
<i>Taxiphyllum wissgrillii</i> (Garov.) Wijk & Margad.	3	1	2	6
<i>Pylaisia polyantha</i> (Hedw.) Schimp.	4	2	3	9
NS				
<i>Homomallium incurvatum</i> (Schrad. ex Brid.) Loeske	2			2
VU, NR, UKBAP, NERC				
<i>Hypnum cupressiforme</i> sensu lato	41	49	25	101
<i>Hypnum cupressiforme</i> Hedw. var. <i>cupressiforme</i>	40	40	24	97
<i>Hypnum cupressiforme</i> var. <i>lacunosum</i> (Brid.) Hoffm. ex Brid.	18	41	23	75
<i>Hypnum cupressiforme</i> var. <i>resupinatum</i> (Taylor) Schimp.	34	38	18	81
<i>Hypnum andoi</i> A.J.E.Sm.	25	38	15	73
<i>Hypnum jutlandicum</i> Holmen & E.Warncke	28	38	17	74
<i>Hypnum imponens</i> Hedw.	2	8	3	13
NS				
<i>Hypnum callichroum</i> Brid.		1	1	2
<i>Ctenidium molluscum</i> sensu lato	27	40	17	76
<i>Ctenidium molluscum</i> (Hedw.) Mitt. var. <i>molluscum</i>	22	30	17	62

<i>Ctenidium molluscum</i> var. <i>condensatum</i> (Schimp.) E.Britton	2	9	3	13
<i>Hyocomium armoricum</i> (Brid.) Wijk & Margad.	25	27	8	40
Family: Pterigynandraceae				
<i>Heterocladium heteropterum</i> Schimp. sensu lato	6	22	10	36
<i>Heterocladium heteropterum</i> Schimp. var. <i>heteropterum</i>	4	21	9	32
<i>Heterocladium heteropterum</i> var. <i>flaccidum</i> Schimp.	1	7	3	11
<i>Heterocladium wulfsbergii</i> l.Hagen (NS)			1	1
<i>Pterigynandrum filiforme</i> Hedw. NS			1	1
Family: Hylocomiaceae				
<i>Pleurozium schreberi</i> (Willd. ex Brid.) Mitt.	22	44	23	79
<i>Rhytidiadelphus triquetrus</i> (Hedw.) Warnst.	21	36	15	71
<i>Rhytidiadelphus squarrosus</i> (Hedw.) Warnst.	41	48	25	102
<i>Rhytidiadelphus loreus</i> (Hedw.) Warnst.	18	31	9	53
<i>Loeskeobryum brevirostre</i> (Brid.) M.Fleisch.		5		5
<i>Hylocomium splendens</i> (Hedw.) Schimp.	25	39	21	78
Family: Rhytidiaceae				
<i>Rhytidium rugosum</i> (Hedw.) Kindb. NS	2			2
Family: Plagiotheciaceae				
<i>Platydictya jungermannioides</i> (Brid.) H.A.Crum NS	3			3
<i>Orthothecium intricatum</i> (Hartm.) Schimp.	4	5		9
<i>Plagiothecium latebricola</i> Schimp.		1		1
<i>Plagiothecium denticulatum</i> (Hedw.) Schimp. var. <i>denticulatum</i>	35	23	8	63
<i>Plagiothecium laetum</i> Schimp. NS	1	6	3	10
<i>Plagiothecium curvifolium</i> Schlieph. ex Limpr.	16	12	4	31
<i>Plagiothecium succulentum</i> (Wilson) Lindb.	31	36	14	76
<i>Plagiothecium nemorale</i> (Mitt.) A.Jaeger	10	17	11	34
<i>Plagiothecium undulatum</i> (Hedw.) Schimp.	28	41	20	80
<i>Isopterygiopsis pulchella</i> (Hedw.) Z.Iwats.	2	9	1	12
<i>Pseudotaxiphyllum elegans</i> (Brid.) Z.Iwats.	32	42	19	83
Family: Endontaceae				
<i>Entodon concinnus</i> (De Not.) Paris	3	5		8

Family: Cryphaeaceae				
<i>Cryphaea heteromalla</i> (Hedw.) D.Mohr	4	5	1	10
Family: Leucodontaceae				
<i>Leucodon sciuroides</i> sensu lato	4	4	1	9
<i>Leucodon sciuroides</i> (Hedw.) Schwägr. var. <i>sciuroides</i>	2	2		4
<i>Antitrichia curtipendula</i> (Hedw.) Brid.	5	1	3	9
<i>Pterogonium gracile</i> (Hedw.) Sm.	2		1	3
Family: Neckeraceae				
<i>Neckera crispa</i> Hedw.	11	10	2	23
<i>Neckera complanata</i> (Hedw.) Huebener	18	34	18	63
<i>Homalia trichomanoides</i> (Hedw.) Brid.	14	23	12	45
<i>Thamnobryum alopecurum</i> (Hedw.) Gangulee	23	35	15	64
Family: Lembophyllaceae				
<i>Isothecium myosuroides</i> Brid. var. <i>myosuroides</i>	20	40	21	72
<i>Isothecium alopecuroides</i> (Lam. ex Dubois) Isov.	18	33	23	62
Family: Anomodontaceae				
<i>Anomodon longifolius</i> (Schleich. ex Brid.) Hartm.	2			2
VU, NR, UKBAP, NERC, WACA8				
<i>Anomodon viticulosus</i> (Hedw.) Hook. & Taylor	13	10	6	28