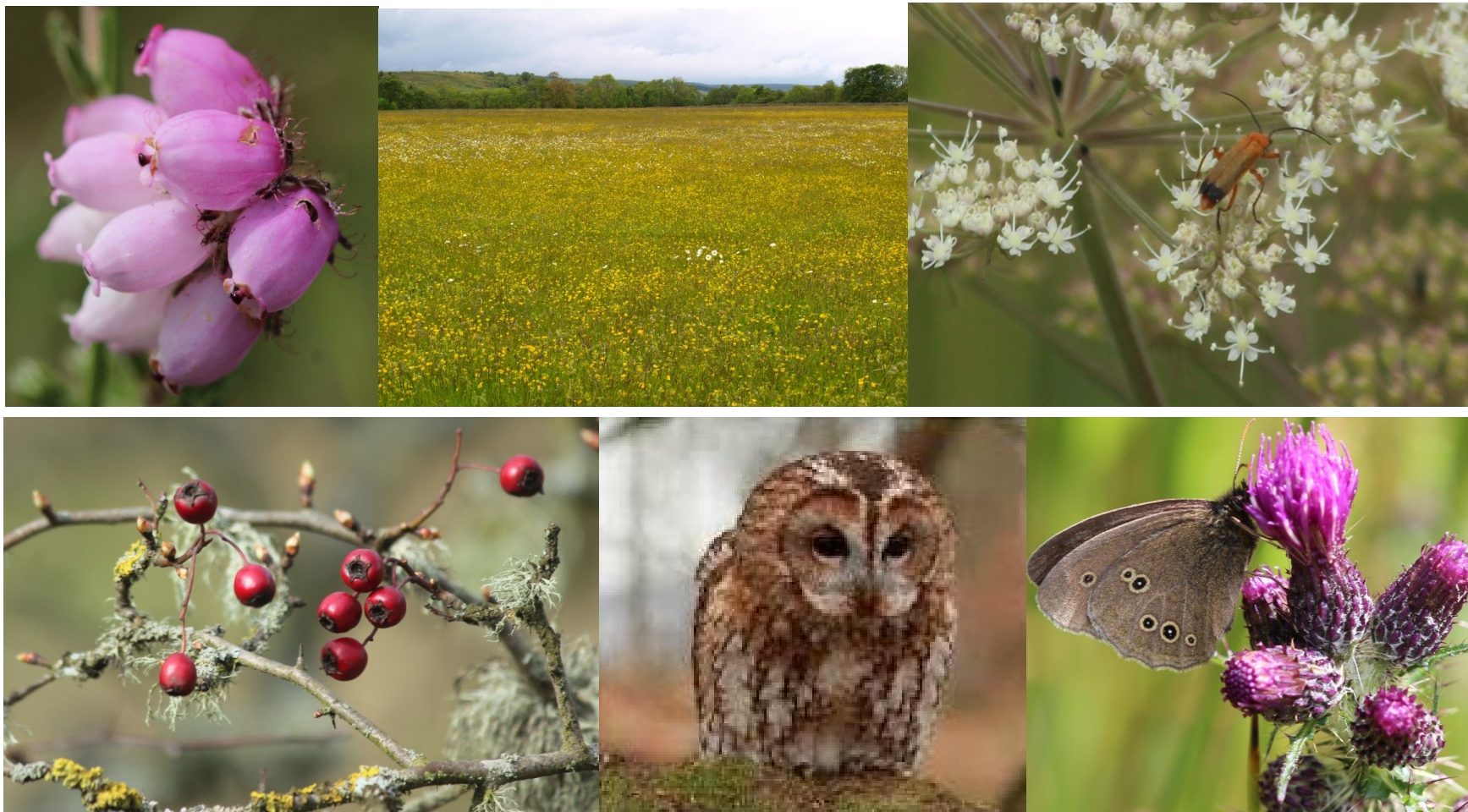


Tarset and Greystead Biological Records



published by the Tarset Archive Group 2015

Foreword

Tarset Archive Group is delighted to be able to present this consolidation of biological records held, for easy reference by anyone interested in our part of Northumberland. It is a parallel publication to the Archaeological and Historical Sites Atlas we first published in 2006, and the more recent Gazeteer which both augments the Atlas and catalogues each site in greater detail. Both sets of data are also being mapped onto GIS.

We would like to thank everyone who has helped with and supported this project - in particular Neville Geddes, Planning and Environment manager, North England Forestry Commission, for his invaluable advice and generous guidance with the GIS mapping, as well as for giving us information about the archaeological sites in the forested areas for our Atlas revisions; Northumberland National Park and Tarset 2050 CIC for their all-important funding support, and of course Bill Burlton, who after years of sharing his expertise on our wildflower and tree projects and validating our work, agreed to take this commission and pull everything together, obtaining the use of ERIC's data from which to select the records relevant to Tarset and Greystead.

Even as we write we are aware that new records are being collected and sites confirmed, and that it is in the nature of these publications that they are out of date by the time you read them. But there is also value in taking snapshots of what is known at a particular point in time, without which we have no way of measuring change or recognising the hugely rich biodiversity of where we are fortunate enough to live.



Tarset and Greystead Northumberland – Biological Records

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1. Introduction

Archaeological and historical sites in part of Tarset and Greystead parish were identified and mapped in 2006 by Tarset Archive Group (TAG). Whilst the field work for the Archaeological Atlas was being undertaken, members of TAG were also collecting biological information from a number of sources, namely roadside verges, garden bird surveys and lichen and fungi surveys in the Tarset valley.

For at least 30 years other organisations and individuals have also been collecting and formally recording information of both species and habitats within the Parish. The organisations include Northumberland National Park, the Forestry Commission and Northumberland Wildlife Trust. In 2006 a permanent north-east England biological recording centre (Northumbria Environmental Recording and Information Centre or ERIC) was established, based at the Hancock Museum in Newcastle upon Tyne, and the biological records for Tarset and Greystead, from a wide range of sources, were lodged with ERIC.

The aim of this project is to bring together all the formal sources of biological information and make the records available in a concise form for residents and, in addition, to load the information onto a computerised Geographical Information System (GIS) to show the spatial distribution of species and habitat records. A number of habitats and species in the parish have designations reflecting their rarity value within the UK and beyond, and some species are subject to legal protection. Again this information is made available in concise form in the tables and as a background (drop down box) for each species or habitat record on the GIS.

Like the Archaeological Atlas this document is very much 'work in progress' and reflects available information at the time of compilation in 2014. Although it gives a good indication of what is out there on the ground there will be a wealth of information still to collect, some of it in people's memories and some of it still to be discovered.

2. Land use

Tarset and Greystead parish is situated in west Northumberland, some 22 miles north of Hexham and 4 miles north of the small town of Bellingham

Three main watercourses dissect the area, the River North Tyne and two main tributaries, the Chirdon and the Tارset Burns, with the smaller Tarret Burn flowing into the Tارset near the village of Greenhaugh.

The population of the parish was listed as 290 in the 2001 census. Greenhaugh and Lanehead are the largest settlements but neither is more than a hamlet, while the remainder of the parish population lives in scattered clusters and farmhouses situated mostly on the better quality land along the river corridors. This pattern of settlement in the more fertile valleys is a continuation of past settlement, and the valleys are rich in historical remains dating back to Bronze Age and Romano-British times. More recently the creation of the Border County Railway in the 19th century, through the low lying land, resulted in additional, scattered, building along the railway route.

The richer river valleys make up less than 10% of the parish land area and range in altitude from 120m at the River North Tyne to circa 200m, the moorland line, recognised in agriculture as the altitude above which arable cultivation is not sustainable in the present prevailing climate. This line roughly equates to what is now the lower boundary of open access land, visible as a yellow wash on the 1:25000 OS maps.

Above the moorland line the landscape is dominated by two main land uses, namely hill farming and forestry. Hill farming has been the traditional land use since medieval times whereas forestry is a much more recent land use which has developed since about 1930.

North of the River North Tyne the highest point within the parish is Monkside at 513m on Emblehope Moor and south of the river the highest point in the parish is The Knares at 461m.

An estimate of the distribution of the main land use types within the parish suggests that in the total 192km², 6% is lowland river corridor, 36% is hill farm and 58% is forestry.

3. Habitats

3.1 Background

The underlying rocks of the parish consist of sedimentary shales and sandstones with occasional thin layers of limestones. Shales in the North Tyne area held coal measures which have been exploited in the past, and the sandstones give rise to the typical landform of flat topped relatively rolling hills and the sandstone rocks also occasionally outcrop in small crags.

The area was heavily glaciated during the last Ice Age and the retreating ice left a coating of impervious till (clay and small stones), which has resulted in the predominantly poorly drained and acidic gley and peaty soils particularly widespread above the moorland line.

Heavy water flow in valleys in post glacial times would have swept away a lot of the till and deposited richer alluvial material which has resulted in more fertile and freely drained soils.

As well as geology and resultant soils the other major factor in determining the natural vegetation is the combination of rainfall and temperature. The average annual rainfall in the Tyne valley in the parish is around 890mm but this rises to around 1100mm at higher elevations like Emblehope Moor and the Knares (coastal Northumberland has around 700mm and The Cheviot summits in the region of 1300mm). Summers are relatively cool, particularly on the higher ground, with a mean July air temperature of 13.7 deg C. The combination of relatively high rainfall, cool summers and poor drainage creates conditions which allow peat formation and this is a feature of substantial areas of the hill farm and forestry areas of the parish.

In the post glacial era the vegetation of the hill and forestry areas is thought to have been made up of scattered scrubby woodland, mainly of birch with willow, some alder and open heathland and blanket bog.

In the more fertile valleys much richer woodland would have developed with oak and ash wood common and alder frequent along the watercourses.

Man appeared in the area in Neolithic times some 8000 years ago. Over the centuries the impact of man has resulted in the land being gradually been modified, through clearance of forests for agriculture (well over 50% of the natural woodland cover is thought to have already disappeared by Roman times), the introduction of farmed animals – cattle and sheep - and of course, more recently, by extensive planting of non-native conifers.

Anyone wishing to learn more about the development of vegetation and habitats in Northumberland should read 'The Environment' by Dr A.G. Lunn in George Swan's *Flora of Northumberland*. This gives a very comprehensive account of the geological and ecological history of the county.

3.2 Open Hill Land

A great deal of the open hill land is acid grassland or rough pasture dominated by grasses like purple moor grass, tufted hair grass and matt grass and where the land is wetter often with substantial areas of rushes. Marsh thistles are common especially in the rushy areas and butterflies like ringlets, green veined whites and tortoiseshells can be seen feeding on the flowers. There is a limited range of breeding birds but one of the most important is the skylark; nationally this has declined dramatically and disappeared from many lowland areas but it is still abundant in grassy upland areas.

Depending on past land use, burning and grazing, heather may or may not also be common on the drier slopes, either as a dominant species or in mixture with bilberry, and in the wetter peaty areas in mixture with cotton grass. Extensive areas of heather are often associated with red grouse, a common bird in the parish but one which is rare in a European context. Other birds occasionally sighted on the heather-dominated moorlands are hen harrier, merlin and very occasionally short eared owl. Where the land is flatter and peat has been able to accumulate, mire vegetation develops with extensive sphagnum mosses, cotton grass, cross leaved heath and specialist bog plants like cranberry and insectivorous sundews. One of the most striking plants growing in the wet boggy area is bog asphodel which has showy yellow flower spikes in July and the spikes persist over the winter looking not unlike wheat heads on the moorland. The mire areas are home to some rare species of beetles and to the large heath butterfly, another rare upland species. Emblehope Moor has a small area of dwarf birch, a rare plant in the UK but widespread in northern latitudes. This is one of only four known locations in upland England.

The streams that drain the open hill land sometimes have ribbons of woodland which have survived from what was once more extensive woodland cover. Often the woodlands are dominated by birch but can have rowan and ash. If the streams have run over a band of limestone some of the small patches of grassland on the stream edges can have a richer collection of plants like eyebrights, fairy flax and species of orchid.

Last but not least, scattered over the lower slopes of the hill areas there are several small farm shelterbelts often of pine or spruce which, as well as shelter for stock, can provide nesting sites for birds like buzzards and tawny owls.

3.3 Plantation Forest

The planting of Kielder Forest began in 1924 near Falstone and extended with the acquisition of land from Northumberland Estates in the 1930s. However, well over half the forest was planted in the period 1945 to 1960 at a time when hill agriculture was not particularly viable and land prices were low, enabling large areas to be bought up to achieve the government policy of expanding forestry as a strategic resource in the event of another war. Plantations were mainly of Sitka spruce from north America with some Scots pine, Norway spruce from Europe and lodgepole pine, again from America, planted on the very poorest of soils.

The patch clearfelling system (restructuring) which has evolved over the past 30 years has resulted in an increase in habitat diversity in the forest. Once vegetation grows back on the clear fells populations of voles build up, creating ideal conditions for tawny owl feeding, and the increase in insects encourages many small birds like chaffinch and redpoll. The relative shelter in the trees combined with sunny aspects provides opportunities for butterflies and, if the season's weather is suitable then, numbers of ringlets, peacocks, red admirals, green veined whites and tortoiseshells can be seen flying. There are several colonies of small pearl bordered fritillary, a scarce UK species which finds its food plant, marsh violets, on clear fells and permanent open space. In the tree tops crossbills, siskins and goldcrests feed on conifer seeds and insects. Another conifer seed eater is the red squirrel, whose future is uncertain in England and possibly the UK, largely

because of squirrel pox disease spread from the non-native grey squirrel. The red squirrel currently maintains good populations within the large conifer areas. If grey squirrels find it difficult to sustain themselves in the very large conifer plantations then red squirrels may well survive in the parish.

Birds of prey do well in the forest, with goshawks top of the food chain and sparrowhawks regular breeders.

As part of the restructuring programme the watercourses within the plantation are being planted with native broadleaves such as birch, ash and alder. It will take a while for these corridors to become established but in due course they will add greatly to the diversity.

Two open land features of the afforested part of the parish are worth noting. Firstly there are the 19 deep peat areas (mires) with a similar suite of plants, rare beetles and butterflies as the mires on the open hill land. These are part of the Border Mires and have a very high conservation profile and a number of national and international designations. Secondly, the many kilometres of forest road have been topped off with quarried whinstone which is base rich and so the roadside verges are often richer botanically, providing a corridor for hoverflies and butterflies including the common blue.

3.4 Land below the Moorland Line

As this is the most fertile land in the parish it has a very long history of settlement and farming. The high density of fortified bastle houses in the Tasset valley and the well documented history indicate a well-populated area. The corrugations of rig and furrow cultivation are still visible in many fields, evidence of past arable cropping. Nowadays, as it is no longer necessary to be self-sufficient locally, few or no arable crops are grown apart, perhaps, from turnips as winter feed for sheep. Most fields are pasture for stock, some are improved grassland and some semi-improved rough pasture. Among the fields there is a good spread of traditionally managed haymeadows where plants like hay rattle, meadow cranesbill, ragged robin, ox-eye daisy, grow along with grasses with interesting names like yorkshire fog, crested dog's tail and creeping bent. The quality of the best meadows is recognised by designation as Sites of Special Scientific interest. Many of the fields are bounded by stone walls which can be good habitats providing shelter for adders and lizards, stoats, weasels and birds like the wren. The walls also have a good lichen flora; lichens take a long time to become established and need undisturbed habitats like the crags on the open hill land, but the walls, many of which are over 100 years old, are another stable and valuable habitat for them.

Another rich source of wildflowers are the roadside verges in this area, which seem to have escaped spraying or overcutting and have a rich variety of plants including many of the meadow species. In the spring ladies smock is a food plant for the orange tip butterfly while in the summer the verges provide a corridor for bees, hoverflies and butterflies; rose hips and thistle heads are a source of food in the autumn for small birds like goldfinches.

The fertile valleys have numerous remnants of ancient woodland. Patches of native ash, oak and birch, particularly along stream and river sides, are a feature of the lower valley sides. In past days woods were an important source of building material and firewood and were managed to provide a sustainable supply to the community; as a result, these woods survived because of their value to the community. Spring time, before heavy summer shade from leaves, is the best time to see woodland flowers like wood anemone, primrose and lesser celandine.

The river corridors which often have a strip of alder wood are another valuable habitat. Small wetland patches are common with a variety of sedges such as lesser pond sedge, bottle sedge and less commonly greater tussock sedge. These are good habitats for frogs and dragonflies and the nationally scarce plant, downy current, grows by the Tarsset Burn.

Last but not least the built environment and gardens in the parish are a valuable resource for nature. Bats use buildings to roost and breed, old buildings can have a rich lichen flora, bees and hoverflies benefit from garden flowers, and winter feeding supports small bird populations and their predators.

4. Sources of Information

4.1 Species records

Most counties in England now have a biological records centre which is able to act as a source of information and a clearing house for potential developments or proposed changes in rural and urban land use. Prior to the establishment of ERIC in 2006, a lot of records were held by organisations that had a specific interest in managing the countryside; two examples in Tarsset and Greystead are Northumberland National Park and the Forestry Commission. In addition there were (and still are) a number of national organisations that specialised in recording particular taxonomic groups - for example, the British Trust for Ornithology keeps bird records and the Botanical Society of the British Isles keeps plant records. The aim of Regional Biological Record Centres was to bring together records from all sources into a single data base and in Northumberland most records have now been lodged at the Hancock Museum with ERIC. This is the main source of species information for Tarsset and Greystead. Over 22,000 individual records were obtained covering 2,548 different species in 51 separate taxonomic groups.

The other source of local records was from TAG which organised roadside wildflower surveys and winter garden bird surveys in 2004, adding a further 450 records to the list.

Most records are accompanied by a grid reference which enables the construction of distribution maps on a countrywide scale. What single sighting records don't necessarily indicate is relative abundance. In addition although some taxonomic groups are well recorded, for example birds and flowers, other groups such as some of the insect families are less well recorded. This can be a reflection of recorder interest or recorder skills and absence of records does not necessarily imply lack of abundance. The relative importance of some species because of their national or international rarity is useful additional information that compliments species records. This aspect of recording is dealt with in section 5.

4.2 Habitat records

4.2.1. SSSIs

Habitats which are scarce or important, that are good or typical examples of their type, are often given special protection by law and designated as Sites of Special Scientific Interest (SSSIs) by Natural England. Information on SSSIs within the parish was obtained from Natural England, the Forestry Commission and from Northumberland National Park. Some of the SSSIs have additional European and International designations which are explained, briefly, in section 5. There are twelve SSSIs within the parish.

4.2.2 Ancient Woodland Sites

During the 1980s the then Nature Conservancy Council (NCC), now Natural England, carried out a survey of what were termed 'Ancient Semi Natural Woodlands'. These are woods where there was good evidence from old maps and written records that they had been in existence prior to the 18th century. A provisional register of Ancient Semi-natural Woodland sites (ASNW) was produced, which is still the accepted source of information about woods of historical importance. Some of the best sites have been given SSSI status. The register is used by planners, usually to ensure that woods are not damaged by development, and management of these woods is taken into account in schemes like the DEFRA Farm Higher Level Scheme. Some of the woods have been partly planted with either conifers or non-native broadleaves and are referred to as Planted Ancient Woodlands (PAWs). Eight sites in the parish appear on the ancient woodland register.

4.2.3 Phase 1 Survey and other surveys by Northumberland National Park

In 1990 the NCC developed a standardised system for classifying and mapping wildlife habitats. It is largely vegetation-based and is a quick way of classifying the countryside into differing habitats e.g. woodland, improved grassland, mires, and with the addition of descriptive 'target notes' made in the field, it can be a very useful source of information. Northumberland National Park commissioned a Phase 1 Survey in 1992 and the document listing sites recorded in Tarset and Greystead parish has been a main source of information identifying areas such as woodland additional to ASNW, hay-meadows and small areas of species rich vegetation. In addition NNP commissioned more detailed surveys of woodland and hay-meadows in the 1980s. It needs to be borne in mind that a good deal of this information is now well over 20 years old and much will have changed, especially in woodlands which will have grown and possibly changed in structure. However, as the only formal record of the parish habitats it was considered useful as a guide and formed the basis of the habitat tables.

4.2.4 Local Wildlife Sites

Whereas the SSSI system deals with the 'best examples' or most threatened habitats there was thought to be a case for a designation that acknowledged habitats which are of particular local interest. To accommodate these areas of particular local interest The Wildlife Trusts nationally designed a system of *Sites of Nature Conservation Interest* which Northumberland Wildlife Trust have chosen to call *Local Wildlife Sites* (LoWs). Although the LoWs have no legal designation they are nonetheless given 'material consideration' in the planning process. Northumberland Wildlife Trust has designated seven LoWs within the parish.

5. Legal protection, designations and rarity

The mix of International and European legal protection measures with UK law, UK national and local plans for biodiversity, and the criteria by which UK national rarity lists are compiled, is very complex. The following information is a simplified overview of the information referred to in the species tables. References are made to websites where more detailed explanations and information can be sought if required,

5.1 International and European protection

Bern Convention (BeC) - imposed legal obligation on the contracting parties, the Convention on the Conservation of European Wildlife and natural habitats adopted in Bern in 1979 by EC member states (including the UK), included several appendices listing over 500 plants and 1000 animal species.

Bonn Convention (BoC) – the convention on the Conservation of Migratory Species of Wild Animals was adopted by EC member states (including the UK) in 1979; contracted parties agreed to work together and provide strict protection for the species listed in the convention appendices.

Birds Directive (EBD) – in 1979 the EC adopted Council Directive 79/409/EEC (Birds Directive) in response to the Bern convention; the resultant legal measures to implement the directive were the responsibility of the individual EC member states.

Habitats and Species Directive (EHD) – Adopted by the EC in 1992 this directive was to meet the EC obligations on natural habitats and species other than birds as a signatory of the Berne Convention. 169 habitats and 623 species were listed in the Annexes. Each member state was required to prepare a national list of sites in order to form a European network of Sites of Community Importance. These sites have been designated by member states as Special Areas of Conservation (SACs) which along with Special Protection Areas classified under the European Birds Directive form a network of protected areas known as Natura 2000.

CITES - The Washington Convention on International Trade in Endangered Species of Wild Fauna and Flora – commonly known as CITES - aims to protect certain plants and animals, by regulating international trade in protected species to prevent it reaching unsustainable levels. The Convention came into force in 1975 and the UK became a party in 1976.

RAMSAR Convention - The Convention on Wetlands of International Importance, called the RAMSAR Convention, is an intergovernmental treaty that provides the framework for national action and international cooperation for the conservation and wise use of wetlands and their resources.

The RAMSAR Convention is the only global environmental treaty that deals with a particular ecosystem. The treaty was adopted in the Iranian city of Ramsar in 1971.

Detailed information on International and European protection is available at – jncc@defra.gov.uk, ec.europa.eu/environment/nature, www.cites.org.
www.ramsar.org

5.2 UK Law

The Wildlife and Countryside Act 1981 (WCA) consolidated existing UK laws to implement the 1979 Bern Convention on the conservation of European wildlife and habitats. The WCA has a species section with a series of schedules dealing with species protection, open seasons for bird and mammal shooting, and restrictions on species introduction. The habitats section contains the law under which Sites of Special Scientific Interest (SSSIs) are designated. The species schedules referred to in the tables are:

- Schedule 1 protection of specified wild birds
- Schedule 5 protection of specified plants
- Schedule 8 protection of specified mammals

There is also a separate law giving specific protection for European Badgers – the Protection of Badgers Act (1992).
Detailed information on the WCA is available from www.jncc.defra.gov.uk and www.legislation.gov.uk/ukpga/1981/69.

Detailed information

5.3 Biodiversity Action Plans

The UK Biodiversity Action Plan (UK BAP) was published in 1994, and was the UK Government's response to the Convention on Biological Diversity that the UK signed up to in 1992 in Rio de Janeiro. The UK was the first country to produce a national biodiversity action plan, and the UK BAP described the biological resources of the UK and provided detailed plans for conservation of these resources. The current version of the UK BAP has priority lists for both species and habitats.

Local county Biodiversity Action Plans have also been produced and these focus on species which are of particular local interest and the local priority lists sometimes include different species from those on the UKBAP.

5.4 Red Lists, Nationally Rare and Scarce lists

The interest groups that manage records and drive conservation effort for each taxonomic group have produced lists of those species which are of conservation concern for each group. The criteria can vary from taxonomic group to taxonomic group; some systems were in place before modern legislation was introduced and

Biodiversity Action Planning begun and sometimes these systems are still being used. In addition there are now international criteria produced by the International Union for Conservation of Nature (IUCN) using which 'red lists' of threatened species are compiled. Just to complicate things there are red lists in the UK that are not compiled using IUCN criteria (they may have existed before the introduction of IUCN criteria), and some species occur on more than one list !

More information on status based lists is available from jncc.defra.gov.uk and www.iucn.org.

For the tables in this document the following simplified list has been used:

Birds Red Status	Red list species are those that are Globally Threatened according to IUCN criteria; those whose population or range has declined rapidly in recent years; and those that have declined historically and not shown a substantial recent recovery
Birds Amber Status	Amber list species are those with an unfavourable conservation status in Europe; those whose population or range has declined moderately in recent years; those whose population has declined historically but made a substantial recent recovery; rare breeders; and those with internationally important or localised populations
Other species red lists or nationally rare species	Occurring in 15 or fewer hectads (10km squares))in Great Britain (nationally rare includes 'Notable A', a status given to insects but with the same parameters)
Nationally scarce	Occurring in 16 -100 hectads in Great Britain (nationally scarce includes 'Notable B', a status given to insects but with the same parameters)

5.5 Northumberland Red Data Book

Most counties have now produced their own list of species, in different taxonomic groups which are of conservation importance locally, Northumberland Wildlife Trust and the Natural History Society of Northumbria jointly published the *Northumberland Red Data Book* in 1998.

W.Burlton, November 2014

6 Species Records

6.1 Mammals

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law		Other designations UK		
				CITES	EHD	W5	PoB	BAP Priority	BAP N'land	
Terrestrial mammals	Wood Mouse	Apodemus sylvaticus	16							
	European Water Vole	Arvicola amphibius	3					1	1	
	Roe Deer	Capreolus capreolus	34							
	West European Hedgehog	Erinaceus europaeus	5					1	1	
	Brown Hare	Lepus europaeus	4					1	1	
	European Otter	Lutra lutra	34	1	1	1		1	1	
	Pine Marten	Martes martes	1		1	1		1		
	Eurasian Badger	Meles meles	17				1			
	Field Vole	Microtus agrestis	21							
	Stoat	Mustela erminea	2							
	Weasel	Mustela nivalis	1							
	Bank Vole	Myodes glareolus	1							
	Bat Brandt's	Myotis brandtii	1		1	1			1	
	Bat Brown Long-eared	Plecotus auritus	3		1	1		1	1	
	Bat Common Pipistrelle	Pipistrellus pipistrellus	6		1	1			1	
	Bat Daubenton's	Myotis daubentonii	2		1	1			1	
	Bat Natterer's	Myotis nattereri	1		1	1			1	
	Bat Noctule	Nyctalus noctula	2		1	1		1	1	
	Bat Whiskered	Myotis mystacinus	1		1	1			1	
	Eurasian Water Shrew	Neomys fodiens	2							
	American Mink	Neovison vison	28							
	European Rabbit	Oryctolagus cuniculus	17							
	Eastern Grey Squirrel	Sciurus carolinensis	66							
	Eurasian Red Squirrel	Sciurus vulgaris	167			1		1	1	
	Eurasian Common Shrew	Sorex araneus	7							
	European Mole	Talpa europaea	118							
	Red Fox	Vulpes vulpes	17							
Totals			27	577	1	9	10	1	8	12

Total species	27	
CITES	1	4%
EHD	9	33%
W5	10	37%
PoB	1	4%
BAP Priority	8	30%
BAP Northumberland	12	44%
NRDB	18	67%
Total records	577	

Abbreviations used in Mammals table - see section 5 for explanation of designations

CITES -Convention on International Trade in Endangered Species

EHD -European Habitats Directive

W5 - Wildlife and Countryside Act schedule 5

PoB - Protection of Badgers Act

BAP priority - UK Biodiversity Action priority species

BAP N'land - listed in Northumberland Local Biodiversity Action Plan

NRDB - Northumberland Red Data Book

6.2 Birds

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK				
				CITES	EBD	W1	BAP Priority	BAP N'land	Red Bird List	Amber Bird list	NRDB
Birds	Northern Goshawk	Accipiter gentilis	1	1		1					1
	Eurasian Sparrowhawk	Accipiter nisus	2	1							
	Common Sandpiper	Actitis hypoleucos	6							1	
	Long-tailed Tit	Aegithalos caudatus	3								
	Skylark	Alauda arvensis	21		1		1		1		1
	Mallard	Anas platyrhynchos	7		1					1	
	Greylag Goose	Anser anser	2		1	1				1	1
	Meadow Pipit	Anthus pratensis	32							1	
	Tree Pipit	Anthus trivialis	3				1		1		
	Common Swift	Apus apus	3					1		1	
	Grey Heron	Ardea cinerea	1								
	Short-eared Owl	Asio flammeus	7	1	1					1	1
	Long-eared Owl	Asio otus	5	1							1
	Greater Canada Goose	Branta canadensis	1		1						
	Common Buzzard	Buteo buteo	2	1							1
	Dunlin	Calidris alpina	1						1		1
	Common Linnet	Carduelis cannabina	4				1	1	1		1
	European Goldfinch	Carduelis carduelis	1					1			
	European Greenfinch	Carduelis chloris	2					1			
	Common Redpoll	Carduelis flammea	17								
	Twite	Carduelis flavirostris	1						1		1
	Eurasian Siskin	Carduelis spinus	26				1				
	Eurasian Treecreeper	Certhia familiaris	11								
	Black-headed Gull	Chroicocephalus ridibundus	2							1	
	Dipper	Cinclus cinclus	8								
	Hen Harrier	Circus cyaneus	2	1	1	1			1		1
	Stock Pigeon	Columba oenas	1		1			1		1	
	Common Wood Pigeon	Columba palumbus	18		1			1			

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK				
				CITES	EBD	W1	BAP Priority	BAP N'land	Red Bird List	Amber Bird list	NRDB
Birds	Common Raven	Corvus corax	2								
	Carrion Crow	Corvus corone subsp. corone	22		1						
	Rook	Corvus frugilegus	6		1			1			
	Eurasian Jackdaw	Corvus monedula	3		1			1			
	Common Cuckoo	Cuculus canorus	5				1		1		
	Blue Tit	Cyanistes caeruleus	12								
	Whooper Swan	Cygnus cygnus	1		1	1				1	
	House Martin	Delichon urbicum	6							1	
	Great Spotted Woodpecker	Dendrocopos major	10								
	Yellowhammer	Emberiza citrinella	1				1	1	1		
	Reed Bunting	Emberiza schoeniclus	1				1				
	European Robin	Erithacus rubecula	33								
	Merlin	Falco columbarius	4		1	1				1	1
	Peregrine Falcon	Falco peregrinus	1	1	1	1					1
	Gyr Falcon	Falco rusticolus	1	1	1	1					
	Common Kestrel	Falco tinnunculus	4	1				1		1	
	Kestrel	Falco tinnunculus	1								
	Pied Flycatcher	Ficedula hypoleuca	1							1	
	Chaffinch	Fringilla coelebs	35								
	Common Snipe	Gallinago gallinago	8		1			1		1	1
	Eurasian Jay	Garrulus glandarius	5		1						
	Eurasian Oystercatcher	Haematopus ostralegus	3		1			1		1	
	Barn Swallow	Hirundo rustica	11					1		1	
	Red Grouse	Lagopus lagopus	7				1			1	1
	Common Gull	Larus canus	1		1					1	
	Common Grasshopper Warbler	Locustella naevia	1				1		1		
	Common Crossbill	Loxia curvirostra	22			1					

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK				
				CITES	EBD	W1	BAP Priority	BAP N'land	Red Bird List	Amber Bird list	NRDB
Birds	Red-Breasted Merganser	Mergus serrator	1		1						1
	White/Pied Wagtail	Motacilla alba	14								
	Grey Wagtail	Motacilla cinerea	14							1	
	Spotted Flycatcher	Muscicapa striata	7				1		1		1
	Eurasian Curlew	Numenius arquata	5		1		1			1	1
	Whimbrel	Numenius phaeopus	1		1	1			1		
	Northern Wheatear	Oenanthe oenanthe	2							1	
	Great Tit	Parus major	12								
	House Sparrow	Passer domesticus	1				1		1		
	Grey Partridge	Perdix perdix	1		1		1		1		1
	Coal Tit	Parus ater	27								
	European Honey-buzzard	Pernis apivorus	1	1	1	1				1	
	Great Cormorant	Phalacrocorax carbo	1								
	Pheasant	Phasianus colchicus	3		1						
	Common Redstart	Phoenicurus phoenicurus	1							1	
	Redstart	Phoenicurus phoenicurus	2								
	Common Chiffchaff	Phylloscopus collybita	2								
	Willow Warbler	Phylloscopus trochilus	15							1	
	Green Woodpecker	Picus viridis	1							1	
	European Golden Plover	Pluvialis apricaria	3		1			1		1	1
	Marsh Tit	Poecile palustris	1						1		
	Hedge Accentor	Prunella modularis	17				1	1		1	
	Common Bullfinch	Pyrrhula pyrrhula	6				1	1		1	
	Goldcrest	Regulus regulus	28					1			
	Sand Martin	Riparia riparia	1							1	
	Whinchat	Saxicola rubetra	7							1	
	Stonechat	Saxicola torquata	3								1

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK				
				CITES	EBD	W1	BAP Priority	BAP N'land	Red Bird List	Amber Bird list	NRDB
Birds	Eurasian Woodcock	<i>Scolopax rusticola</i>	6		1					1	
	Wood Nuthatch	<i>Sitta europaea</i>	1								
	Collared Dove	<i>Streptopelia decaocto</i>	1		1						
	European Turtle Dove	<i>Streptopelia turtur</i>	1	1	1		1		1		1
	Tawny Owl	<i>Strix aluco</i>	3	1							
	Common Starling	<i>Sturnus vulgaris</i>	3		1		1	1		1	
	Blackcap	<i>Sylvia atricapilla</i>	2								
	Garden Warbler	<i>Sylvia borin</i>	1								
	Common Whitethroat	<i>Sylvia communis</i>	1					1		1	
	Common Shelduck	<i>Tadorna tadorna</i>	1								
	Black Grouse	<i>Tetrao tetrix</i>	7		1		1	1	1		1
	Common Redshank	<i>Tringa totanus</i>	2		1			1		1	1
	Wren	<i>Troglodytes troglodytes</i>	44								
	Redwing	<i>Turdus iliacus</i>	5		1	1			1		
	Common Blackbird	<i>Turdus merula</i>	19		1						
	Song Thrush	<i>Turdus philomelos</i>	11		1		1		1		1
	Fieldfare	<i>Turdus pilaris</i>	1		1	1			1		
	Mistle Thrush	<i>Turdus viscivorus</i>	5		1					1	
	Barn Owl	<i>Tyto alba</i>	1	1		1				1	1
	Northern Lapwing	<i>Vanellus vanellus</i>	4				1		1		
Totals		102	693	13	37	13	20	21	20	36	25

Total species	102	
CITES	13	12%
EBD	37	36%
W1	13	12%
BAP Priority	20	19%
BAP Northumberland	21	19%
Red list	20	19%
Amber list	36	35%
NRDB	25	24%
Total records	577	

Abbreviations used in birds table - see section 5 for explanation of designations

CITES- Convention on International Trade in Endangered Species

EBD - European Birds Directive

W1 - UK Wildlife and Countryside Act Schedule 1

BAP priority - UK Biodiversity Action Priority species

BAP N'land - listed in Northumberland Local Biodiversity Action Plan

Bird Red list - globally threatened species

Bird Amber list - unfavourable conservation status in Europe

NRDB - Northumberland Red data Book

6.3 Plants

Clubmosses, Horsetails, Conifers, Ferns,
Flowering plants

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap Priority	Bap N'land	Plant Red list	NR Plant	NS Plant	NRDB
Clubmoss	Fir Clubmoss	Huperzia selago	4									
	Stag's-horn Clubmoss	Lycopodium clavatum	11	1	1							
	Lesser Clubmoss	Selaginella selaginoides	4									
Horsetail	Field Horsetail	Equisetum arvense	35									
	Water Horsetail	Equisetum fluviatile	8									
	Rough Horsetail	Equisetum hyemale	1									
	Mackay's Horsetail	Equisetum hyemale x variegatum - = E. x trachyodon	2									1
	Marsh Horsetail	Equisetum palustre	36									
	Wood Horsetail	Equisetum sylvaticum	24									
	Great Horsetail	Equisetum telmateia	2									
	Variegated Horsetail	Equisetum variegatum	2								1	1
	Conifer	European Larch	Larix decidua	2								
Japanese Larch		Larix kaempferi	1									
Norway Spruce		Picea abies	6									
Sitka Spruce		Picea sitchensis	9									
Lodgepole Pine		Pinus contorta	1									
Scots Pine		Pinus sylvestris	17									
Douglas Fir		Pseudotsuga menziesii	4									
Wellingtonia		Sequoiadendron giganteum	1									
Yew		Taxus baccata	1									
Western Red-cedar		Thuja plicata	1									
Western Hemlock-spruce		Tsuga heterophylla	1									
Fern	Black Spleenwort	Asplenium adiantum-nigrum	1									
	Wall-rue	Asplenium ruta-muraria	1									
	Maidenhair Spleenwort	Asplenium trichomanes	1									

Taxonomic Group	Common Name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK						
				CITES	EHD	W8	Bap Priority	Bap N'land	Plant Red list	NR Plant	NS Plant	NRDB	
	Lobed Maidenhair Spleenwort	Asplenium trichomanes -	1							1	1		
		subsp. pachyrachis											
	Green Spleenwort	Asplenium viride	1										
	Lady Fern	Athyrium filix-femina	44										
	Hard Fern	Blechnum spicant	45										
	Scaly Male Fern	Dryopteris affinis	11										
	Narrow Buckler-fern	Dryopteris carthusiana	5										
	Broad Buckler-Fern	Dryopteris dilatata	61										
	Common Male Fern	Dryopteris filix-mas	41										
	Buckler-Fern	Dryopteris filix-mas x affinis -	3										
		= D. x complexa											
	Oak Fern	Gymnocarpium dryopteris	4										
	Wilson's Filmy-fern	Hymenophyllum wilsonii	1							1			1
	Adder's-Tongue	Ophioglossum vulgatum	1										
	Lemon-scented Fern	Oreopteris limbosperma	21										
	Beech Fern	Phegopteris connectilis	7										
	Hart's-tongue	Phyllitis scolopendrium	1										
	Polypody	Polypodium vulgare	11										
	Hard Shield-fern	Polystichum aculeatum	3										
	Bracken	Pteridium aquilinum	61										

Flowering plant	Field Maple	Acer campestre	1										
	Norway Maple	Acer platanoides	1										
	Sycamore	Acer pseudoplatanus	22										
	Yarrow	Achillea millefolium	44										
	Sneezewort	Achillea ptarmica	36										
	Moschatel	Adoxa moschatellina	3										
	Ground-elder	Aegopodium podagraria	7										
	Horse-Chestnut	Aesculus hippocastanum	5										

Taxonomic Group	Common Name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap Priority	Bap N'land	Plant red list	NR Plant	NS Plant	NRDB
	Velvet Bent	<i>Agrostis canina</i>	20									
	Common Bent	<i>Agrostis capillaris</i>	51									
	Black Bent	<i>Agrostis gigantea</i>	2									
	Creeping Bent	<i>Agrostis stolonifera</i>	37									
	Silver Hair-grass	<i>Aira caryophyllea</i>	2									
	Early Hair-grass	<i>Aira praecox</i>	4									
	Bugle	<i>Ajuga reptans</i>	56									
	Lady's-Mantle	<i>Alchemilla filicaulis</i> subsp. <i>vestita</i>	3									
	Smooth Lady's-mantle	<i>Alchemilla glabra</i>	19									
	Garden Lady's-mantle	<i>Alchemilla mollis</i>	1									
	Intermediate Lady's-mantle	<i>Alchemilla xanthochlora</i>	3									
	Water-Plantain	<i>Alisma plantago-aquatica</i>	1									
	Ramsons	<i>Allium ursinum</i>	2									
	Alder	<i>Alnus glutinosa</i>	50									
	Marsh Foxtail	<i>Alopecurus geniculatus</i>	6									
	Black-Grass	<i>Alopecurus myosuroides</i>	1									
	Meadow Foxtail	<i>Alopecurus pratensis</i>	16									
	Bog-Rosemary	<i>Andromeda polifolia</i>	87									1
	Wood Anemone	<i>Anemone nemorosa</i>	4									
	Wild Angelica	<i>Angelica sylvestris</i>	18									
	Barren Brome	<i>Anisantha sterilis</i>	1									
	Sweet Vernal Grass	<i>Anthoxanthum odoratum</i>	82									
	Cow Parsley	<i>Anthriscus sylvestris</i>	11									
	Parsley Piert	<i>Aphanes arvensis</i>	1									
	Columbine	<i>Aquilegia vulgaris</i>	2									
	Thale Cress	<i>Arabidopsis thaliana</i>	1									
	Garden Arabis	<i>Arabis caucasica</i>	1									
	Lesser Burdock	<i>Arctium minus</i>	2									
	Thyme-Leaved Sandwort	<i>Arenaria serpyllifolia</i>	8									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Slender Sandwort	<i>Arenaria serpyllifolia</i> subsp. <i>leptoclados</i>	1									
	False Oat-grass	<i>Arrhenatherum elatius</i>	18									
	Mugwort	<i>Artemisia vulgaris</i>	1									
	Lords-and-Ladies	<i>Arum maculatum</i>	2									
	Common Orache	<i>Atriplex patula</i>	2									
	Spear-leaved Orache	<i>Atriplex prostrata</i>	1									
	Wild Oat	<i>Avena fatua</i>	1									
	Daisy	<i>Bellis perennis</i>	54									
	Dwarf Birch	<i>Betula nana</i>	2								1	1
	Silver Birch	<i>Betula pendula</i>	48									
	Hybrid Birch	<i>Betula pendula</i> x <i>pubescens</i> - = <i>B. x aurata</i>	1									
	Downy Birch	<i>Betula pubescens</i>	25									
	Flat-sedge	<i>Blysmus compressus</i>	2				1		1			
	False-brome	<i>Brachypodium sylvaticum</i>	7									
	Quaking-grass	<i>Briza media</i>	22									
	Soft-Brome	<i>Bromus hordeaceus</i>	10									
	Smooth Brome	<i>Bromus racemosus</i>	3									
	Wood Small-reed	<i>Calamagrostis epigejos</i>	4									
	Intermediate Water-starwort	<i>Callitriche hamulata</i>	2									
	Common Water-starwort	<i>Callitriche stagnalis</i>	8									
	Heather	<i>Calluna vulgaris</i>	136									
	Marsh Marigold	<i>Caltha palustris</i>	22									
	Hedge Bindweed	<i>Calystegia sepium</i>	2									
	Giant Bellflower	<i>Campanula latifolia</i>	2									
	Harebell	<i>Campanula rotundifolia</i>	20									
	Shepherd's purse	<i>Capsella bursa-pastoris</i>	1									
	Large Bittercress	<i>Cardamine amara</i>	9									
	Wavy Bittercress	<i>Cardamine flexuosa</i>	33									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Red plant list	NR plant	NS plant	NRDB
	Hairy Bittercress	Cardamine hirsuta	18									
	Cuckooflower	Cardamine pratensis	37									
	Lesser Pond-sedge	Carex acutiformis	10									
	Water Sedge	Carex aquatilis	3									
	Stiff Sedge	Carex bigelowii	1									1
	Green-ribbed Sedge	Carex binervis	12									
	Spring Sedge	Carex caryophylla	1									
	White Sedge	Carex curta	12									
	Dioecious Sedge	Carex dioica	7									
	Brown Sedge	Carex disticha	5									
	Star Sedge	Carex echinata	38									
	Glaucous Sedge	Carex flacca	30									
	Hairy Sedge	Carex hirta	6									
	Tawny Sedge	Carex hostiana	8									
	Smooth-stalked Sedge	Carex laevigata	6									
	Bog-sedge	Carex limosa	1									1
	Tall Bog-sedge	Carex magellanica	4								1	1
	Soft-Leaved Sedge	Carex montana	1								1	
	Common Sedge	Carex nigra	37									
	Oval Sedge	Carex ovalis	24									
	Pale Sedge	Carex pallescens	14									
	Carnation Sedge	Carex panicea	28									
	Greater Tussock-sedge	Carex paniculata	3									
	Few-flowered Sedge	Carex pauciflora	2									1
	Pendulus Sedge	Carex pendula	1									
	Pill Sedge	Carex pilulifera	18									
	Flea Sedge	Carex pulicaris	15									
	Remote Sedge	Carex remota	15									
	Great Pond Sedge	Carex riparia	2									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other Designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Red plant list	NR plant	NS plant	NRDB
	Bottle Sedge	Carex rostrata	27									
	Spiked Sedge	Carex spicata	1									1
	Thin-Spiked Wood Sedge	Carex strigosa	1									
	Wood sedge	Carex sylvatica	16									
	Bladder sedge	Carex vesicaria	3									
	Long-stalked Yellow-sedge	Carex viridula subsp. brachyrrhyncha	21									
	Common Yellow Sedge	Carex viridula subsp. oedocarpa	10									
	Hornbeam	Carpinus betulus	1									
	Common Knapweed	Centaurea nigra	40									
	Common Mouse ear	Cerastium fontanum	67									
	Common Mouse ear	Cerastium fontanum -	2									
		subsp. holosteoides										
	Sticky Mouse ear	Cerastium glomeratum	13									
	Snow-in-summer	Cerastium tomentosum	1									
	Climbing Corydalis	Ceratocarpus claviculata	17									
	Rosebay Willowherb	Chamerion angustifolium	36									
	Alternate-leaved Golden-saxifrage	Chrysosplenium alternifolium	2									
	Opposite-leaved Golden-saxifrage	Chrysosplenium oppositifolium	15									
	Enchanter's Nightshade	Circaea lutetiana	5									
	Creeping Thistle	Cirsium arvense	47									
	Melancholy Thistle	Cirsium heterophyllum	29									
	Marsh Thistle	Cirsium palustre	64									
	Spear Thistle	Cirsium vulgare	39									
	Pink Purslane	Claytonia sibirica	1									
	Traveller's Joy	Clematis vitalba	1									
	Wild Basil	Clinopodium vulgare	1									
	Danish Scurvygrass	Cochlearia danica	1									
	Hemlock	Conium maculatum	1									
	Pignut	Conopodium majus	51									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Hazel	<i>Corylus avellana</i>	32									
	Hawthorn	<i>Crataegus monogyna</i>	43									
	Smooth Hawksbeard	<i>Crepis capillaris</i>	2									
	Northern Hawksbeard	<i>Crepis mollis</i>	3				1		1	1		
	Marsh Hawksbeard	<i>Crepis paludosa</i>	26									
	Crosswort	<i>Cruciata laevipes</i>	30									
	Ivy-leaved Toadflax	<i>Cymbalaria muralis</i>	1									
	Houndstongue	<i>Cynoglossum officinale</i>	2						1			
	Crested Dog's tail	<i>Cynosurus cristatus</i>	52									
	Broom	<i>Cytisus scoparius</i>	15									
	Cock's-foot	<i>Dactylis glomerata</i>	65									
	Common Spotted orchid	<i>Dactylorhiza fuchsii</i>	26	1								
	Early Marsh orchid	<i>Dactylorhiza incarnata</i>	1	1								
	Heath Spotted orchid	<i>Dactylorhiza maculata</i>	2	1								
	Heath Spotted orchid	<i>Dactylorhiza maculata</i> - subsp. <i>ericetorum</i>	8	1								
	Northern Marsh orchid	<i>Dactylorhiza purpurella</i>	7	1								
	Frog orchid	<i>Dactylorhiza viridis</i>	3	1			1		1			
	Heath grass	<i>Danthonia decumbens</i>	3									
	Tufted Hair grass	<i>Deschampsia cespitosa</i>	78									
	Wavy Hairgrass	<i>Deschampsia flexuosa</i>	66									
	Maiden Pink	<i>Dianthus deltoides</i>	2						1		1	1
	Foxglove	<i>Digitalis purpurea</i>	42									
	Leopard's bane	<i>Doronicum pardalianches</i>	1									
	Great Sundew	<i>Drosera anglica</i>	1						1			
	Round-leaved Sundew	<i>Drosera rotundifolia</i>	84									
	Northern Spike rush	<i>Eleocharis mamillata</i> subsp. <i>austriaca</i>	4							1		1
	Common Spike rush	<i>Eleocharis palustris</i>	3									
	Few-flowered Spike rush	<i>Eleocharis quinqueflora</i>	5									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Bearded Couch	<i>Elymus caninus</i>	2									
	Common Couch	<i>Elytrigia repens</i>	3									
	Crowberry	<i>Empetrum nigrum</i> subsp. <i>nigrum</i>	12									
	New Zealand Willowherb	<i>Epilobium brunnescens</i>	29									
	Great Willowherb	<i>Epilobium hirsutum</i>	1									
	Broad-leaved Willowherb	<i>Epilobium montanum</i>	18									
	Short-fruited Willowherb	<i>Epilobium obscurum</i>	4									
	Marsh Willowherb	<i>Epilobium palustre</i>	19									
	Hoary Willowherb	<i>Epilobium parviflorum</i>	2									
	Bell Heather	<i>Erica cinerea</i>	8									
	Cross-leaved Heath	<i>Erica tetralix</i>	132									
	Common Cottongrass	<i>Eriophorum angustifolium</i>	107									
	Broad-leaved Cottongrass	<i>Eriophorum latifolium</i>	3									
	Hare's-tail Cottongrass	<i>Eriophorum vaginatum</i>	124									
	Common Whitlowgrass	<i>Erophila verna</i>	2									
	Eyebright	<i>Euphrasia arctica</i> subsp. <i>borealis</i>	2							1		
	Eyebright	<i>Euphrasia confusa</i>	2							1		
	Eyebright	<i>Euphrasia officinalis</i> agg.	27									
	Eyebright	<i>Euphrasia scottica</i>	5									
	Beech	<i>Fagus sylvatica</i>	12									
	Japanese Knotweed	<i>Fallopia japonica</i>	1									
	Wood Fescue	<i>Festuca altissima</i>	1									
	Tall Fescue	<i>Festuca arundinacea</i>	15									
	Fine-leaved Sheep's-fescue	<i>Festuca filiformis</i>	4									
	Giant Fescue	<i>Festuca gigantea</i>	2									
	Sheep's Fescue agg.	<i>Festuca ovina</i> agg.	30									
	Meadow Fescue	<i>Festuca pratensis</i>	8									
	Red Fescue	<i>Festuca rubra</i> agg.	61									
	Common Cudweed	<i>Filago vulgaris</i>	1							1		

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Meadowsweet	Filipendula ulmaria	65									
	Wild Strawberry	Fragaria vesca	12									
	Ash	Fraxinus excelsior	39									
	Common Hemp-nettle	Galeopsis tetrahit	4									
	Cleavers	Galium aparine	17									
	Northern Bedstraw	Galium boreale	3									
	Hedge Bedstraw	Galium mollugo	3									
	Woodruff	Galium odoratum	3									
	Marsh Bedstraw	Galium palustre	43									
	Heath Bedstraw	Galium saxatile	61									
	Fen Bedstraw	Galium uliginosum	8									
	Lady's Bedstraw	Galium verum	13									
	Petty Whin	Genista anglica	1							1		
	Autumn Gentian	Gentianella amarella	2									
	Cut-leaved Cranesbill	Geranium dissectum	1									
	French Cranesbill	Geranium endressii	1									
	Druce's Cranesbill	Geranium endressii x versicolor -	1									
		= G. x oxonianum										
	Shining Cranesbill	Geranium lucidum	1									
	Dove's-foot Cranesbill	Geranium molle	2									
	Meadow Cranesbill	Geranium pratense	4									
	Hedgerow Cranesbill	Geranium pyrenaicum	1									
	Herb-Robert	Geranium robertianum	33									
	Wood Cranesbill	Geranium sylvaticum	29									
	Water Avens	Geum rivale	28									
	Herb Bennet	Geum urbanum	21									
	Ground-Ivy	Glechoma hederacea	2									
	Small Sweet-grass	Glyceria declinata	2									
	Floating Sweet-grass	Glyceria fluitans	22									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Heath Cudweed	Gnaphalium sylvaticum	3						1			1
	Marsh Cudweed	Gnaphalium uliginosum	7									
	Fragrant orchid	Gymnadenia conopsea	2	1								
	Ivy	Hedera helix	4									
	Common Rock-rose	Helianthemum nummularium	1									
	Meadow Oat-grass	Helictotrichon pratense	4									
	Downy Oat-grass	Helictotrichon pubescens	9									
	Hogweed	Heracleum sphondylium	23									
	Dame's-violet	Hesperis matronalis	1									
	Hawkweed	Hieracium spp	10									
	Hawkweed	Hieracium oistophyllum	1									
	Hawkweed	Hieracium umbellatum - subsp. umbellatum	1									
	Mare's tail	Hippuris vulgaris	3									
	Yorkshire fog	Holcus lanatus	85									
	Creeping Soft-grass	Holcus mollis	51									
	Bluebell	Hyacinthoides non-scripta	1			1						1
	Marsh Pennywort	Hydrocotyle vulgaris	3									
	Hairy St John's-wort	Hypericum hirsutum	1									
	Trailing St. John's-Wort	Hypericum humifusum	7									
	Slender St John's-wort	Hypericum pulchrum	15									
	Square-stalked St John's-wort	Hypericum tetrapterum	3									
	Cat's-ear	Hypochaeris radicata	31									
	Holly	Ilex aquifolium	3									
	Yellow Iris	Iris pseudacorus	2									
	Bristle Club-rush	Isolepis setacea	7									
	Sharp-flowered Rush	Juncus acutiflorus	59									
	Jointed Rush	Juncus articulatus	35									
	Toad Rush	Juncus bufonius	28									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Bulbous Rush	<i>Juncus bulbosus</i>	17									
	Compact Rush	<i>Juncus conglomeratus</i>	32									
	Soft Rush	<i>Juncus effusus</i>	82									
	Hard Rush	<i>Juncus inflexus</i>	2									
	Heath Rush	<i>Juncus squarrosus</i>	33									
	Slender Rush	<i>Juncus tenuis</i>	1									
	Field Scabious	<i>Knautia arvensis</i>	2									
	Yellow Archangel	<i>Lamiastrum galeobdolon</i> - subsp. <i>argentatum</i>	1									
	Red Dead-nettle	<i>Lamium purpureum</i>	1									
	Nipplewort	<i>Lapsana communis</i>	8									
	Toothwort	<i>Lathraea squamaria</i>	1									
	Bitter-vetch	<i>Lathyrus linifolius</i>	24									
	Meadow Vetchling	<i>Lathyrus pratensis</i>	48									
	Narrow-Leaved Everlasting pea	<i>Lathyrus sylvestris</i>	1									
	Common Duckweed	<i>Lemna minor</i>	1									
	Autumn Hawkbit	<i>Leontodon autumnalis</i>	16									
	Rough Hawkbit	<i>Leontodon hispidus</i>	16									
	Smith's Pepperwort	<i>Lepidium heterophyllum</i>	1									
	Oxeye Daisy	<i>Leucanthemum vulgare</i>	21									
	Wild Privet	<i>Ligustrum vulgare</i>	1									
	Martagon Lily	<i>Lilium martagon</i>	1									
	Fairy Flax	<i>Linum catharticum</i>	31									
	Lesser Twayblade	<i>Listera cordata</i>	7	1								
	Common Twayblade	<i>Listera ovata</i>	2	1								
	Perennial Rye-grass	<i>Lolium perenne</i>	20									
	Honeysuckle	<i>Lonicera periclymenum</i>	15									
	Common Bird's foot trefoil	<i>Lotus corniculatus</i>	40									
	Greater Bird's foot trefoil	<i>Lotus pedunculatus</i>	14									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other Designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Narrow-leaved Bird's foot trefoil	<i>Lotus tenuis</i>	1									
	Field Wood-rush	<i>Luzula campestris</i>	18									
	Heath Wood-rush	<i>Luzula multiflora</i>	43									
	Hairy Wood-rush	<i>Luzula pilosa</i>	33									
	Great Wood-rush	<i>Luzula sylvatica</i>	32									
	Ragged Robin	<i>Lychnis flos-cuculi</i>	29									
	Yellow Pimpernel	<i>Lysimachia nemorum</i>	28									
	Creeping-Jenny	<i>Lysimachia nummularia</i>	2									1
	Yellow Loosestrife	<i>Lysimachia vulgaris</i>	7									
	Oregon-grape	<i>Mahonia aquifolium</i>	1									
	Pineappleweed	<i>Matricaria discoidea</i>	25									
	Welsh Poppy	<i>Meconopsis cambrica</i>	1									1
	Black Medick	<i>Medicago lupulina</i>	13									
	Common Cow-wheat	<i>Melampyrum pratense</i>	5									
	Mountain Melick	<i>Melica nutans</i>	2									
	Wood Melick	<i>Melica uniflora</i>	4									
	Water Mint	<i>Mentha aquatica</i>	8									
	Peppermint	<i>Mentha aquatica x spicata</i> = <i>M. x piperita</i>	2									
	Spear Mint	<i>Mentha spicata</i>	2									
	Bogbean	<i>Menyanthes trifoliata</i>	8	1								
	Dog's Mercury	<i>Mercurialis perennis</i>	24									
	Wood Millet	<i>Milium effusum</i>	2									
	Monkeyflower	<i>Mimulus guttatus</i>	5									
	Blood-drop-emlets	<i>Mimulus luteus</i>	1									
	Purple Moor-grass	<i>Molinia caerulea</i>	68									
	Blinks	<i>Montia fontana</i>	7									
	Field Forget-me-not	<i>Myosotis arvensis</i>	6									
	Changing Forget-me-not	<i>Myosotis discolor</i>	14									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Tufted Forget-me-not	Myosotis laxa	2									
	Myosotis caespitosa	Myosotis laxa subsp. caespitosa	1									
	Water Forget-me-not	Myosotis scorpioides	3									
	Creeping Forget-me-not	Myosotis secunda	6									
	Wood Forget-me-not	Myosotis sylvatica	6									
	Alternate Water-milfoil	Myriophyllum alterniflorum	6									
	Garden Daffodil	Narcissus	2									
	Mat-grass	Nardus stricta	32									
	Bog Asphodel	Narthecium ossifragum	105									
	Red Bartsia	Odontites vernus	7									
	Early-purple Orchid	Orchis mascula	3	1								
	Wood-sorrel	Oxalis acetosella	52									
	Grass-of-Parnassus	Parnassia palustris	5									
	Marsh Lousewort	Pedicularis palustris	16									
	Lousewort	Pedicularis sylvatica	14									
	Green Alkanet	Pentaglottis sempervirens	1									
	Common Bistort	Persicaria bistorta	2									
	Redshank	Persicaria maculosa	5									
	Butterbur	Petasites hybridus	1									
	Garden Parsley	Petroselinum crispum	1									
	Reed Canary-grass	Phalaris arundinacea	11									
	Timothy	Phleum pratense	13									
	Common Reed	Phragmites australis	8									
	Mouseear hawkweed	Pilosella officinarum	19									
	Common Butterwort	Pinguicula vulgaris	25									
	Ribwort Plantain	Plantago lanceolata	63									
	Greater Plantain	Plantago major	37									
	Hoary Plantain	Plantago media	2									
	Annual Meadow-grass	Poa annua	29									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Flattened Meadow-grass	<i>Poa compressa</i>	1									1
	Wood Meadow-Grass	<i>Poa nemoralis</i>	2									
	Smooth Meadow-Grass	<i>Poa pratensis</i>	20									
	Rough Meadow-grass	<i>Poa trivialis</i>	25									
	Jacob's ladder	<i>Polemonium caeruleum</i>	1					1		1		1
	Heath Milkwort	<i>Polygala serpyllifolia</i>	23									
	Common Milkwort	<i>Polygala vulgaris</i>	8									
	Knotgrass	<i>Polygonum aviculare</i>	8									
	Balm-Of-Gilead	<i>Populus candicans</i>	1									
	Aspen	<i>Populus tremula</i>	12					1				
	Broad-leaved Pondweed	<i>Potamogeton natans</i>	2									
	Bog Pondweed	<i>Potamogeton polygonifolius</i>	7									
	Silverweed	<i>Potentilla anserina</i>	18									
	Tormentil	<i>Potentilla erecta</i>	72									
	Marsh Cinquefoil	<i>Potentilla palustris</i>	13									
	Creeping Cinquefoil	<i>Potentilla reptans</i>	1									
	Barren Strawberry	<i>Potentilla sterilis</i>	28									
	Cowslip	<i>Primula veris</i>	3									
	Primrose	<i>Primula vulgaris</i>	27									
	Selfheal	<i>Prunella vulgaris</i>	70									
	Wild Cherry	<i>Prunus avium</i>	6									
	Wild Plum	<i>Prunus domestica</i>	2									
	Bird Cherry	<i>Prunus padus</i>	9									
	Blackthorn	<i>Prunus spinosa</i>	5									
	Yellow Corydalis	<i>Pseudofumaria lutea</i>	1									
	Sessile Oak	<i>Quercus petraea</i>	6									
	Hybrid Oak	<i>Quercus petraea</i> x <i>robur</i> = <i>Q. x rosacea</i>	1									
	Pedunculate Oak	<i>Quercus robur</i>	22									
	Meadow Buttercup	<i>Ranunculus acris</i>	61									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Goldilocks Buttercup	Ranunculus auricomus	5									
	Bulbous Buttercup	Ranunculus bulbosus	8									
	Lesser Celandine	Ranunculus ficaria	11									
	Lesser Spearwort	Ranunculus flammula	35									
	Ivy-leaved Crowfoot	Ranunculus hederaceus	5									1
	Greater Spearwort	Ranunculus lingua	1									
	Creeping Buttercup	Ranunculus repens	74									
	Wild Mignonette	Reseda lutea	2									
	Weld	Reseda luteola	11									
	Yellow-rattle	Rhinanthus minor	32									
	Rhododendron	Rhododendron ponticum	7									
	White Beak-sedge	Rhynchospora alba	1									1
	Black Currant	Ribes nigrum	2									
	Red Currant	Ribes rubrum	4									
	Downy Currant	Ribes spicatum	5								1	1
	Gooseberry	Ribes uva-crispa	3									
	Water Cress	Rorippa nasturtium-aquaticum agg.	2									
	Dog Rose	Rosa canina agg.	4									
	Soft Downy-rose	Rosa mollis	5									
	Japanese Rose	Rosa rugosa	1									
	Cloudberry	Rubus chamaemorus	5									
	Bramble	Rubus fruticosus agg.	18									
	Raspberry	Rubus idaeus	26									
	Stone Bramble	Rubus saxatilis	2									
	Common Sorrel	Rumex acetosa	87									
	Sheep's Sorrel	Rumex acetosella	18									
	Curled Dock	Rumex crispus	14									
	Northern Dock	Rumex longifolius	1									
	Broad-leaved Dock	Rumex obtusifolius	31									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Wood Dock	Rumex sanguineus	2									
	Knotted Pearlwort	Sagina nodosa	9									
	Procumbent Pearlwort	Sagina procumbens	32									
	Eared Willow	Salix aurita	20									
	Goat Willow	Salix caprea	17									
	Common Sallow	Salix cinerea	22									
	Grey Willow	Salix cinerea	3									
	Crack-willow	Salix fragilis	1									
	Dark-leaved Willow	Salix myrsinifolia	1									
	Bay Willow	Salix pentandra	4									
	Tea-leaved Willow	Salix phylicifolia	2									
	Creeping Willow	Salix repens	12									
	Elder	Sambucus nigra	6									
	Red-berried Elder	Sambucus racemosa	2									
	Salad Burnet	Sanguisorba minor	3									
	Great Burnet	Sanguisorba officinalis	21									
	Sanicle	Sanicula europaea	3									
	Small Scabious	Scabiosa columbaria	1									
	Common Club-rush	Schoenoplectus lacustris	1									
	Wood Club-rush	Scirpus sylvaticus	4									
	Annual Knawel	Scleranthus annuus	1				1		1			
	Common Figwort	Scrophularia nodosa	7									
	Marsh Ragwort	Senecio aquaticus	3									
	Common Ragwort	Senecio jacobaea	34									
	Heath Groundsel	Senecio sylvaticus	5									
	Groundsel	Senecio vulgaris	8									
	Red Campion	Silene dioica	2									
	White Campion	Silene latifolia subsp. alba	2									
	Blue-eyed-grass	Sisyrinchium bermudiana	1									

Taxonomic Group	Common name	Latin name	No. Recotds	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	BapN'land	Plant red list	NR plant	NS plant	NRDB
	Goldenrod	<i>Solidago virgaurea</i>	7									
	Perennial Sow-thistle	<i>Sonchus arvensis</i>	3									
	Prickly Sow-thistle	<i>Sonchus asper</i>	21									
	Smooth Sow-thistle	<i>Sonchus oleraceus</i>	1									
	Common Whitebeam	<i>Sorbus aria</i>	2									
	Rowan	<i>Sorbus aucuparia</i>	53									
	Swedish Whitebeam	<i>Sorbus intermedia</i>	1									
	Branched Bur-reed	<i>Sparganium erectum</i>	2									
	Corn Spurrey	<i>Spergula arvensis</i>	2							1		
	Sand Spurrey	<i>Spergularia rubra</i>	10									
	Betony	<i>Stachys officinalis</i>	34									
	Marsh Woundwort	<i>Stachys palustris</i>	8									
	Hedge Woundwort	<i>Stachys sylvatica</i>	26									
	Bog Stitchwort	<i>Stellaria alsine</i>	37									
	Lesser Stitchwort	<i>Stellaria graminea</i>	28									
	Greater Stitchwort	<i>Stellaria holostea</i>	26									
	Common Chickweed	<i>Stellaria media</i>	17									
	Wood Stitchwort	<i>Stellaria nemorum</i>	2									
	Devil's-bit Scabious	<i>Succisa pratensis</i>	27									
	Snowberry	<i>Symphoricarpos albus</i>	2									
	Lilac	<i>Syringa vulgaris</i>	1									
	Tansy	<i>Tanacetum vulgare</i>	1									
	Dandelion	<i>Taraxacum aurosulum</i>	1									
	Dandelion	<i>Taraxacum bracteatum</i>	1									
	Dandelion	<i>Taraxacum duplidentifrons</i>	6									
	Dandelion	<i>Taraxacum euryphyllum</i>	8									
	Dandelion	<i>Taraxacum faeroense</i>	18									
	Dandelion	<i>Taraxacum fulvicarpum</i>	1									
	Dandelion	<i>Taraxacum gelertii</i>	1									

Taxonomic Group	Common name	Latin name	No Records	Int Law	Eu protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Dandelion	Taraxacum hamatum	3									
	Dandelion	Taraxacum inane	1									
	Dandelion	Taraxacum incisum	1									
	Dandelion	Taraxacum insigne	1									
	Dandelion	Taraxacum lacistophyllum	2									
	Dandelion	Taraxacum lancastricense	1									
	Dandelion	Taraxacum landmarkii	11									
	Dandelion	Taraxacum maculosum	12									
	Dandelion	Taraxacum naevosiforme	7									
	Dandelion	Taraxacum nordstedtii	10									
	Dandelion	Taraxacum officinale agg.	41									
	Dandelion	Taraxacum oxoniense	4									
	Dandelion	Taraxacum proximum	1									
	Dandelion	Taraxacum pseudohamatum	1									
	Dandelion	Taraxacum pseudolarssonii	3									
	Dandelion	Taraxacum sellandii	2									
	Dandelion	Taraxacum subbracteatum	1									
	Dandelion	Taraxacum subexpallidum	1									
	Dandelion	Taraxacum subnaevosum	2									
	Dandelion	Taraxacum unguilobum	11									
	Wood Sage	Teucrium scorodonia	28									
	French Meadow-rue	Thalictrum aquilegifolium	3									
	Wild Thyme	Thymus polytrichus	12									
	Large-leaved Lime	Tilia platyphyllos	1								1	
	Lime	Tilia platyphyllos x cordata -	2								1	
		= T. x europaea										
	Deergrass	Trichophorum cespitosum	107									
	Deergrass	Trichophorum cespitosum -	3									
		subsp. germanicum										

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRBD
	Chickweed-wintergreen	Trientalis europaea	2									
	Lesser Trefoil	Trifolium dubium	22									
	Zigzag Clover	Trifolium medium	5									
	Red Clover	Trifolium pratense	46									
	White Clover	Trifolium repens	65									
	Marsh Arrowgrass	Triglochin palustre	13									
	Scentsless Mayweed agg.	Tripleurospermum maritimum	2									
	Yellow Oat-grass	Trisetum flavescens	16									
	Globeflower	Trollius europaeus	5									
	Colt's-foot	Tussilago farfara	46									
	Bulrush	Typha latifolia	7									
	Gorse	Ulex europaeus	20									
	Wych Elm	Ulmus glabra	12									
	English Elm	Ulmus procera	1									
	Common Nettle	Urtica dioica	52									
	Small Cranberry	Vaccinium microcarpum	1								1	1
	Bilberry	Vaccinium myrtillus	58									
	Cranberry	Vaccinium oxycoccos	117									
	Cowberry	Vaccinium vitis-idaea	20									
	Marsh Valerian	Valeriana dioica	18									
	Common Valerian	Valeriana officinalis	25									
	Great Mullein	Verbascum thapsus	3									
	Blue Water-Speedwell	Veronica anagallis-aquatica	1									
	Wall Speedwell	Veronica arvensis	9									
	Brooklime	Veronica beccabunga	11									
	Germander Speedwell	Veronica chamaedrys	63									
	Slender Speedwell	Veronica filiformis	1									
	Wood Speedwell	Veronica montana	6									
	Heath Speedwell	Veronica officinalis	24									

Taxonomic Group	Common name	Latin name	No. Records	Int Law	EU protection	UK Law	Other designations UK					
				CITES	EHD	W8	Bap priority	Bap N'land	Plant red list	NR plant	NS plant	NRDB
	Common Field Sspeedwell	Veronica persica	2									
	Grey Field Speedwell	Veronica polita	1									
	Marsh Speedwell	Veronica scutellata	3									
	Thyme-leaved Speedwell	Veronica serpyllifolia	27									
	Tufted Vetch	Vicia cracca	20									
	Common Vetch	Vicia sativa	3									
	Bush Vetch	Vicia sepium	29									
	Wood Vetch	Vicia sylvatica	2									
	Marsh Violet	Viola palustris	27									
	Common Dog-violet	Viola riviniana	42									
Totals			8343	12	1	1	4	2	15	4	10	21

		C moss	H tail	Conifer	Fern	F plants	
Total species	545	3	8	12	21	501	
CITES	12	1				11	2%
EHD	1	1					<1%
W8	1					1	<1%
BAP Priority	4					4	1%
BAP Northumberland	2					2	<1%
Red list	15				2	13	3%
NR	4				1	3	1%
NS	10		1			9	2%
NRDB	21		2		1	18	4%
Total records	8343						

Abbreviations used in plants table - see section 5 for explanation of designations

CITES	Convention on International Trade in Endangered Species
EHD	European Habitats Directive
W8	UK Wildlife and Countryside Act schedule 8
BAP priority	Priority species in the UK Biodiversity Action Plan
BAP N'land	Species in Northumberland Biodiversity Action Plan
Red list	Plant found in less than 15 1km ²
NR	Plant found in less than 15 1Km ²
NS	Plant found in 16 - 100 1km ²
NRDB	Northumberland Red Data Book

6.4 Mosses, Liverworts, Lichens

Slime moulds

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant Red list	NR Plant	NS Plant	NRDB
Moss	Amblystegium serpens var. serpens	Amblystegium serpens var. serpens	8					
	Mougeot's Yoke-moss	Amphidium mougeotii	2					
	Andreaea rothii subsp. falcata	Andreaea rothii subsp. falcata	1					
	Andreaea rupestris var. rupestris	Andreaea rupestris var. rupestris	1					
	Anomobryum julaceum var. julaceum	Anomobryum julaceum var. julaceum	2					
	Clay Earth-moss	Archidium alternifolium	1					
	Common Smoothcap	Atrichum undulatum	2					
	Atrichum undulatum var. undulatum	Atrichum undulatum var. undulatum	19					
	Bog Groove-moss	Aulacomnium palustre	53					
	Lesser Bird's-claw Beard-moss	Barbula convoluta	11					
	Bird's-claw Beard-moss	Barbula unguiculata	8					
	Straight-leaved Apple-moss	Bartramia ithyphylla	1					
	Common Apple-moss	Bartramia pomiformis	4					
	Sharp-leaved Blindia	Blindia acuta	3					
	Velvet Feather-moss	Brachytheciastrum velutinum	7					
	Whitish Feather-moss	Brachythecium albicans	2					
	Streaky Feather-moss	Brachythecium glareosum	1					
	River Feather-moss	Brachythecium rivulare	12					
	Rough-stalked Feather-moss	Brachythecium rutabulum	21					
	Golden-head Moss	Breutelia chrysocoma	2					
	Rufous Beard-moss	Bryoerythrophyllum ferruginascens	2					
	Red Beard-moss	Bryoerythrophyllum recurvirostrum	9					
	Bryum	Bryum	1					
	Drooping Thread-moss	Bryum algovicum	1					
	Silver-moss	Bryum argenteum	7					
	Bicoloured Bryum	Bryum bicolor	2					
	Bryum bicolor	Bryum bicolor	7					
	Bryum caespiticium	Bryum caespiticium	4					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other Designations UK			
				EHD	Plant red list	NR plant	NS plant	NRBD
Moss	Bryum capillare var. capillare	Bryum capillare var. capillare	13					
	Bryum dichotomum	Bryum dichotomum	1					
	Pale Thread-moss	Bryum pallens	9					
	Marsh Bryum	Bryum pseudotriquetrum	3					
	Bryum pseudotriquetrum var. pseudotriquetrum	Bryum pseudotriquetrum var. pseudotriquetrum	12					
	Flabby Thread-moss	Bryum subelegans	1					
	Heart-leaved Spear-moss	Calliergon cordifolium	1					
	Giant Spear-moss	Calliergon giganteum	1					
	Pointed Spear-moss	Calliergonella cuspidata	23					
	Yellow Starry Feather-moss	Campylium stellatum	1					
	Campylium protensum	Campylium stellatum var. protensum	2					
	Campylium stellatum var. protensum	Campylium stellatum var. protensum	1					
	Campylium stellatum var. stellatum	Campylium stellatum var. stellatum	4					
	Rusty Swan-neck Moss	Campylopus flexuosus	18					
	Brittle Swan-neck Moss	Campylopus fragilis	6					
	Heath Star Moss	Campylopus introflexus	11					
	Dwarf Swan-neck Moss	Campylopus pyriformis	10					
	Campylopus pyriformis var. pyriformis	Campylopus pyriformis var. pyriformis	1					
	Redshank	Ceratodon purpureus	17					
	Smaller Lattice-moss	Cinclidotus fontinaloides	2					
	Hair-pointed Feather-moss	Cirriphyllum piliferum	6					
	Tree-moss	Climacium dendroides	10					
	Compact Feather-moss	Conardia compacta	1				1	
	Cratoneuron	Cratoneuron	1					
	Fern-leaved Hook-moss	Cratoneuron filicinum	11					
	Chalk Comb-moss	Ctenidium molluscum	1					
	Ctenidium molluscum var. condensatum	Ctenidium molluscum var. condensatum	1					
	Ctenidium molluscum var. molluscum	Ctenidium molluscum var. molluscum	18					
	Transparent Fork-moss	Dichodontium pellucidum	17					
	Red-neck Forklet-moss	Dicranella cerviculata	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Moss	Silky Forklet-moss	Dicranella heteromalla	21					
	Marsh Forklet-moss	Dicranella palustris	9					
	Rufous Forklet-moss	Dicranella rufescens	4					
	Schreber's Forklet-moss	Dicranella schreberiana	4					
	Field Forklet-moss	Dicranella staphylina	1					
	Awl-leaved Forklet-moss	Dicranella subulata	1					
	Variable Forklet-moss	Dicranella varia	9					
	Beaked Bow-moss	Dicranodontium denudatum	1					
	Common Pincushion	Dicranoweisia cirrata	13					
	Dicranum	Dicranum	1					
	Crisped Fork-moss	Dicranum bonjeanii	5					
	Dicranum fuscescens	Dicranum fuscescens	5					
	Fuzzy Fork-moss	Dicranum leioneuron	1		1	1		1
	Greater Fork-moss	Dicranum majus	8					
	Mountain Fork-moss	Dicranum montanum	3					
	Broom Fork-moss	Dicranum scoparium	39					
	Scott's Fork-moss	Dicranum scottianum	1					
	Fallacious Beard-moss	Didymodon fallax	14					
	Rusty Beard-moss	Didymodon ferrugineus	1					
	Cylindric Beard-moss	Didymodon insulanus	8					
	Rigid Beard-moss	Didymodon rigidulus	8					
	Brown Beard-moss	Didymodon spadiceus	3					
	Olive Beard-moss	Didymodon tophaceus	4					
	Soft-tufted Beard-moss	Didymodon vinealis	1					
	Fine Distichium	Distichium capillaceum	1					
	Ditrichum flexicaule	Ditrichum flexicaule	3					
	Slender Ditrichum	Ditrichum gracile	1					
	Curve-leaved Ditrichum	Ditrichum heteromallum	7					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Moss	Drepanocladus revolvens	Drepanocladus revolvens	7					
	Rusty Hook-moss	Drepanocladus revolvens	1					
	Spiral Extinguisher-moss	Encalypta streptocarpa	7					
	Common Extinguisher-moss	Encalypta vulgaris	1					
	Blunt Cord-moss	Entosthodon obtusus	2					
	Whorled Tufa-moss	Eucladium verticillatum	4					
	Beech Feather-moss	Eurhynchium crassinervium	2					
	Common Feather-moss	Eurhynchium praelongum	18					
	Dwarf Feather-moss	Eurhynchium pumilum	2					
	Common Striated Feather-moss	Eurhynchium striatum	10					
	Maidenhair Pocket-moss	Fissidens adianthoides	10					
	Lesser Pocket-moss	Fissidens bryoides	6					
	Rock Pocket-moss	Fissidens dubius	2					
	Purple-stalked Pocket-moss	Fissidens osmundoides	3					
	Petty Pocket-moss	Fissidens pusillus	1					
	Common Pocket-moss	Fissidens taxifolius	1					
	Fissidens taxifolius var. taxifolius	Fissidens taxifolius var. taxifolius	11					
	Fissidens viridulus	Fissidens viridulus	3					
	Greater Water-moss	Fontinalis antipyretica	11					
	Greater Water-moss	Fontinalis antipyretica var. antipyretica	7					
	Fontinalis squamosa var. squamosa	Fontinalis squamosa var. squamosa	3					
	Common Cord-moss	Funaria hygrometrica	7					
	Grey-cushioned Grimmia	Grimmia pulvinata	8					
	Hair-pointed Grimmia	Grimmia trichophylla	4					
	Verdigris Tufa-moss	Gymnostomum aeruginosum	3					
	Slender Stubble-moss	Gyroweis tenuis	3					
	Fringed Hoar-moss	Hedwigia ciliata	2		1	1		
	Wry-leaved Tamarisk-moss	Heterocladium heteropterum	3					
	Heterocladium heteropterum var. flaccidum	Heterocladium heteropterum var. flaccidum	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Moss	Heterocladium heteropterum var. heteropterum	Heterocladium heteropterum var. heteropterum	3					
	Blunt Feather-moss	Homalia trichomanoides	3					
	Yellow Feather-moss	Homalothecium lutescens	3					
	Silky Wall Feather-moss	Homalothecium sericeum	11					
	Shining Hookeria	Hookeria lucens	6					
	Drab Brook-moss	Hygrohypnum luridum	1					
	Hygrohypnum luridum var. luridum	Hygrohypnum luridum var. luridum	7					
	Claw Brook-moss	Hygrohypnum ochraceum	6					
	Short-beaked Wood-moss	Hylocomium brevirostre	2					
	Glittering Wood-moss	Hylocomium splendens	27					
	Hook-beak Tufa-moss	Hymenostylium recurvirostrum	1					
	Flagellate Feather-moss	Hyocmium armoricum	8					
	Mamillate Plait-moss	Hypnum andoi	7					
	Hypnum cupressiforme var. cupressiforme	Hypnum cupressiforme var. cupressiforme	35					
	Supine Plait-moss	Hypnum cupressiforme var. resupinatum	8					
	Pellucid Plait-moss	Hypnum imponens	2				1	1
	Heath Plait-moss	Hypnum jutlandicum	24					
	Great Plait-moss	Hypnum lacunosum	6					
	Great Plait-moss	Hypnum lacunosum var. lacunosum	1					
	Lindberg's Plait-moss	Hypnum lindbergii	2					
	Neat Silk-moss	Isopterygiopsis pulchella	1					
	Larger Mouse-tail Moss	Isothecium alopecuroides	6					
	Slender Mouse-tail Moss	Isothecium myosuroides	2					
	Isothecium myosuroides var. myosuroides	Isothecium myosuroides var. myosuroides	8					
	Bent-leaved Beard-moss	Leptodontium flexifolium	5					
	Many-fruited Leskea	Leskea polycarpa	2					
	Large White-moss	Leucobryum glaucum	8	1				
	Squirrel-tail Moss	Leucodon sciuroides	2					
	Leucodon sciuroides var. sciuroides	Leucodon sciuroides var. sciuroides	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Moss	Smallest Pottia	Microbryum davallianum	1				1	
	Swan's-neck Thyme-moss	Mnium hornum	35					
	Starry Thyme-moss	Mnium stellare	3					
	Musci	Musci	2					
	Flat Neckera	Neckera complanata	5					
	Crisped Neckera	Neckera crispa	1					
	Hercynian Haircap	Oligotrichum hercynicum	1					
	Cape Thread-moss	Orthodontium lineare	10					
	Wood Bristle-moss	Orthotrichum affine	6					
	Anomalous Bristle-moss	Orthotrichum anomalum	7					
	Hooded Bristle-moss	Orthotrichum cupulatum	1					
	White-tipped Bristle-moss	Orthotrichum diaphanum	4					
	Lyell's Bristle-moss	Orthotrichum lyellii	2					
	Straw Bristle-moss	Orthotrichum stramineum	1					
	Swartz's Feather-moss	Oxyrrhynchium hians	7					
	Curled Hook-moss	Palustriella commutata	8					
	Palustriella commutata var. commutata	Palustriella commutata var. commutata	7					
	Palustriella commutata var. falcata	Palustriella commutata var. falcata	2					
	Cuspidate Earth-moss	Phascum cuspidatum	1					
	Phascum cuspidatum var. cuspidatum	Phascum cuspidatum var. cuspidatum	1					
	Thick-nerved Apple-moss	Philonotis calcarea	1					
	Fountain Apple-moss	Philonotis fontana	15					
	Common Bladder-moss	Physcomitrium pyriforme	1					
	Many-fruited Thyme-moss	Plagiomnium affine	2					
	Woodsy Thyme-moss	Plagiomnium cuspidatum	1					
	Tall Thyme-moss	Plagiomnium elatum	1					
	Marsh Thyme-moss	Plagiomnium ellipticum	1			1		

Taxonomic Group	Common name	Latin name	No. Records	EU Protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Moss	Long-beaked Thyme-moss	Plagiomnium rostratum	7					
	Hart's-tongue Thyme-moss	Plagiomnium undulatum	25					
	Dented Silk-moss	Plagiothecium denticulatum	2					
	Plagiothecium denticulatum var. denticulatum	Plagiothecium denticulatum var. denticulatum	3					
	Woody Silk-moss	Plagiothecium nemorale	2					
	Juicy Silk-moss	Plagiothecium succulentum	6					
	Waved Silk-moss	Plagiothecium undulatum	48					
	Taper-leaved Earth-moss	Pleuridium acuminatum	2					
	Awl-leaved Earth-moss	Pleuridium subulatum	1					
	Red-stemmed Feather-moss	Pleurozium schreberi	72					
	Aloe Haircap	Pogonatum aloides	13					
	Dwarf Haircap	Pogonatum nanum	1					
	Urn Haircap	Pogonatum urnigerum	13					
	Pale-fruited Thread-moss	Pohlia annotina	6					
	Opal Thread-moss	Pohlia cruda	1					
	Drummond's Thread-moss	Pohlia drummondii	1					
	Fat-bud Thread-moss	Pohlia filum	2				1	1
	Pink-fruited Thread-moss	Pohlia melanodon	6					
	Nodding Thread-moss	Pohlia nutans	15					
	Pohlia wahlenbergii var. wahlenbergii	Pohlia wahlenbergii var. wahlenbergii	10					
	Alpine Haircap	Polytrichum alpinum	3					
	Common Haircap	Polytrichum commune	33					
	Polytrichum commune var. commune	Polytrichum commune var. commune	29					
	Bank Haircap	Polytrichum formosum	15					
	Juniper Haircap	Polytrichum juniperinum	31					
	Slender Haircap	Polytrichum longisetum	1					
	Bristly Haircap	Polytrichum piliferum	9					
	Strict Haircap	Polytrichum strictum	8					
	Hornschurch's Beard-moss	Pseudocrossidium hornschurchianum	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	Nr plant	NS plant	NRDB
Moss	Revolute Beard-moss	Pseudocrossidium revolutum	3					
	Elegant Silk-moss	Pseudotaxiphillum elegans	12					
	Long-shanked Pincushion	Ptychomitrium polyphyllum	7					
	Yellow Fringe-moss	Racomitrium aciculare	16					
	Narrow-leaved Fringe-moss	Racomitrium aquaticum	1					
	Racomitrium canescens	Racomitrium canescens	5					
	Long Fringe-moss	Racomitrium elongatum	4				1	1
	Dense Fringe-moss	Racomitrium ericoides	6					
	Green Mountain Fringe-moss	Racomitrium fasciculare	13					
	Bristly Fringe-moss	Racomitrium heterostichum	2					
	Racomitrium heterostichum	Racomitrium heterostichum	8					1
	Woolly Fringe-moss	Racomitrium lanuginosum	11					
	Dotted Thyme-moss	Rhizomnium punctatum	11					
	Clustered Feather-moss	Rhynchostegium confertum	4					
	Long-beaked Water Feather-moss	Rhynchostegium riparioides	9					
	Rhytidiadelphus	Rhytidiadelphus	2					
	Little Shaggy-moss	Rhytidiadelphus loreus	18					
	Springy Turf-moss	Rhytidiadelphus squarrosus	68					
	Big Shaggy-moss	Rhytidiadelphus triquetrus	19					
	Sickle-leaved Hook-moss	Sanionia uncinata	8					
	Schistidium alpicola	Schistidium alpicola	1					
	Schistidium apocarpum	Schistidium apocarpum	8					
	Sessile Grimmia	Schistidium apocarpum	1					
	Thickpoint Grimmia	Schistidium crassipilum	1					
	Broadleaf Grimmia	Schistidium platyphyllum	2					
	River Grimmia	Schistidium rivulare	2					
	Rusty Feather-moss	Sciuro-hypnum plumosum	12					
	Matted Feather-moss	Sciuro-hypnum populeum	5					
	Neat Feather-moss	Scleropodium purum	27					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Moss	Dwarf Rock-bristle	Seligeria pusilla	1				1	1
	Recurved Rock-bristle	Seligeria recurvata	2					
	Fine Bog-moss	Sphagnum angustifolium	2	1			1	
	Austin's Bog-moss	Sphagnum austinii	2	1			1	
	Red Bog-moss	Sphagnum capillifolium	82	1				
	Acute-leaved Bog-moss	Sphagnum capillifolium subsp. capillifolium	3	1				
	Red Bog-moss	Sphagnum capillifolium subsp. rubellum	20	1				
	Compact Bog-moss	Sphagnum compactum	2	1				
	Feathery Bog-moss	Sphagnum cuspidatum	57	1				
	Cow-horn Bog-moss	Sphagnum denticulatum	12	1				
	Flat-topped Bog-moss	Sphagnum fallax	11	1				
	Sphagnum fallax subsp. fallax	Sphagnum fallax subsp. fallax	1	1				
	Fringed Bog-moss	Sphagnum fimbriatum	8	1				
	Rusty Bog-moss	Sphagnum fuscum	2	1				
	Girgensohn's Bog-moss	Sphagnum girgensohnii	10	1				
	Sphagnum imbricatum	Sphagnum imbricatum	3	1				1
	Lesser Cow-horn Bog-moss	Sphagnum inundatum	11	1				
	Magellanic Bog-moss	Sphagnum magellanicum	85	1				
	Blushing Bog-moss	Sphagnum molle	2	1				1
	Blunt-leaved Bog-moss	Sphagnum palustre	8	1				
	Sphagnum palustre var. palustre	Sphagnum palustre var. palustre	14	1				
	Papillose Bog-moss	Sphagnum papillosum	101	1				
	Five-ranked Bog-moss	Sphagnum quinquefarium	4	1				
	Sphagnum recurvum	Sphagnum recurvum	34	1				
	Russow's Bog-moss	Sphagnum russowii	8	1				
	Lustrous Bog-moss	Sphagnum subnitens	17	1				
	Sphagnum subnitens var. subnitens	Sphagnum subnitens var. subnitens	7	1				
	Sphagnum subsecundum	Sphagnum subsecundum	5	1				
	Soft Bog-moss	Sphagnum tenellum	87	1				

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
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Moss	Warnstorf's Bog-moss	<i>Sphagnum warnstorffii</i>	2	1				
	Cruet Collar-moss	<i>Splachnum ampullaceum</i>	5					
	Round-fruited Collar-moss	<i>Splachnum sphaericum</i>	3					
	Straw Spear-moss	<i>Straminergon stramineum</i>	6					
	Small Hairy Screw-moss	<i>Syntrichia laevipila</i>	4					
	Great Hairy Screw-moss	<i>Syntrichia ruralis</i>	1					
	Pellucid Four-tooth Moss	<i>Tetraphis pellucida</i>	12					
	Slender Cruet-moss	<i>Tetraplodon mnioides</i>	6					
	Brown's Four-tooth Moss	<i>Tetrodontium brownianum</i>	2					
	Fox-tail Feather-moss	<i>Thamnobryum alopecurum</i>	7					
	Delicate Tamarisk-moss	<i>Thuidium delicatulum</i>	1					
	Common Tamarisk-moss	<i>Thuidium tamariscinum</i>	23					
	Woolly Feather-moss	<i>Tomentypnum nitens</i>	4				1	
	Frizzled Crisp-moss	<i>Tortella tortuosa</i>	3					
	Wall Screw-moss	<i>Tortula muralis</i>	1					
	<i>Tortula muralis</i> var. <i>muralis</i>	<i>Tortula muralis</i> var. <i>muralis</i>	9					
	Awl-leaved Screw-moss	<i>Tortula subulata</i>	3					
	<i>Tortula subulata</i> var. <i>subinermis</i>	<i>Tortula subulata</i> var. <i>subinermis</i>	1					
	Common Pottia	<i>Tortula truncata</i>	2					
	Variable Crisp-moss	<i>Trichostomum brachydontium</i>	1					
	Curly Crisp-moss	<i>Trichostomum crispulum</i>	1					
	Narrow-fruited Crisp-moss	<i>Trichostomum tenuirostre</i>	1					
	Bruch's Pincushion	<i>Ulota bruchii</i>	6					
	Crisped Pincushion	<i>Ulota crispa</i>	9					
	Drummond's Pincushion	<i>Ulota drummondii</i>	7					
	Floating Hook-moss	<i>Warnstorfia fluitans</i>	4					
	Small-mouthed Beardless-moss	<i>Weissia brachycarpa</i>	1					
	Green-tufted Stubble-moss	<i>Weissia controversa</i>	8					
	<i>Weissia controversa</i> var. <i>controversa</i>	<i>Weissia controversa</i> var. <i>controversa</i>	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
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Moss	Park Yoke-moss	<i>Zygodon rupestris</i>	1					
	Green Yoke-moss	<i>Zygodon viridissimus</i>	5					
	<i>Zygodon viridissimus</i> var. <i>viridissimus</i>	<i>Zygodon viridissimus</i> var. <i>viridissimus</i>	5					

Liverwort	Comb Notchwort	<i>Anastrophyllum minutum</i>	1					
	Greaswort	<i>Aneura pinguis</i>	12					1
	Atlantic Pawwort	<i>Barbilophozia atlantica</i>	2					
	Trunk Pawwort	<i>Barbilophozia attenuata</i>	14					
	Bearded Pawwort	<i>Barbilophozia barbata</i>	1					
	Common Pawwort	<i>Barbilophozia floerkei</i>	18					
	Greater Whipwort	<i>Bazzania trilobata</i>	4					
	Common Kettlewort	<i>Blasia pusilla</i>	6					
	Hairy Threadwort	<i>Blepharostoma trichophyllum</i>	3					
	Notched Pouchwort	<i>Calypogeia arguta</i>	8					
	Blue Pouchwort	<i>Calypogeia azurea</i>	63					1
	Common Pouchwort	<i>Calypogeia fissa</i>	32					
	Meylan's Pouchwort	<i>Calypogeia integristipula</i>	1					1
	Mueller's Pouchwort	<i>Calypogeia muelleriana</i>	13					
	Nees' Pouchwort	<i>Calypogeia neesiana</i>	1					
	Two-horned Pincerwort	<i>Cephalozia bicuspidata</i>	63					
	Forcipated Pincerwort	<i>Cephalozia connivens</i>	35					
	Moon-leaved Pincerwort	<i>Cephalozia lunulifolia</i>	7					
	Bog Pincerwort	<i>Cephalozia macrostachya</i>	1					1
	<i>Cephalozia macrostachya</i> var. <i>spiniflora</i>	<i>Cephalozia macrostachya</i> var. <i>spiniflora</i>	1					
	Common Threadwort	<i>Cephaloziella divaricata</i>	4					
	Hampe's Threadwort	<i>Cephaloziella hampeana</i>	3					
	St Winifrid's Other Moss	<i>Chiloscyphus pallescens</i>	2					
	St Winifrid's Moss	<i>Chiloscyphus polyanthos</i>	8					
	Bog Notchwort	<i>Cladopodiella fluitans</i>	3					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Liverwort	Great Scented Liverwort	Conocephalum conicum	10					
	White Earwort	Diplophyllum albicans	20					
	Acid Frillwort	Fossombronia wondraczekii	1					
	Dilated Scalewort	Frullania dilatata	6					
	Tamarisk Scalewort	Frullania tamarisci	8					
	Inflated Notchwort	Gymnocolea inflata	54					
	Stipular Flapwort	Harpanthus scutatus	2					
	Lax Notchwort	Hygrobrella laxifolia	1					
	Dark-green Flapwort	Jungermannia atrovirens	5					
	Crenulated Flapwort	Jungermannia gracillima	6					
	Transparent Flapwort	Jungermannia hyalina	2					
	Egg Flapwort	Jungermannia obovata	1					
	Dwarf Flapwort	Jungermannia pumila	6					
	Round-fruited Flapwort	Jungermannia sphaerocarpa	3					
	Bristly Fingerwort	Kurzia pauciflora	76					
	Heath Fingerwort	Kurzia trichoclados	2					
	Mountain Notchwort	Leiocolea alpestris	1					
	Scarce Notchwort	Leiocolea badensis	1					
	Bantry Notchwort	Leiocolea bantriensis	2					
	Top Notchwort	Leiocolea turbinata	2					
	Micheli's Least Pouncewort	Lejeunea cavifolia	1					
	Rock Fingerwort	Lepidozia cupressina	1					
	Pearson's Fingerwort	Lepidozia pearsonii	1					
	Creeping Fingerwort	Lepidozia reptans	15					
	Bifid Crestwort	Lophocolea bidentata	25					
	Lophocolea bidentata var. rivularis	Lophocolea bidentata var. rivularis	1					
	Variable-leaved Crestwort	Lophocolea heterophylla	5					
	Lesser Notchwort	Lophozia bicrenata	1					
	Jagged Notchwort	Lophozia incisa	2					

Taxonomic Group	Common name	Latin name	No. records	EU Protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Liverwort	Tumid Notchwort	Lophozia ventricosa	24					
	Common Liverwort	Marchantia polymorpha	6					
	Marsupella emarginata var. emarginata	Marsupella emarginata var. emarginata	5					
	Rock Veilwort	Metzgeria conjugata	1					
	Forked Veilwort	Metzgeria furcata	9					
	Blueish Veilwort	Metzgeria violacea	1					
	Anomalous Flapwort	Mylia anomala	77					
	Taylor's Flapwort	Mylia taylorii	6					
	Compressed Flapwort	Nardia compressa	1					
	Earth-cup Flapwort	Nardia geoscyphus	1					
	Bug Flapwort	Nardia insecta	3					
	Ladder Flapwort	Nardia scalaris	11					
	Wood-rust	Nowellia curvifolia	2					
	Matchstick Flapwort	Odontoschisma denudatum	3					
	Bog-moss Flapwort	Odontoschisma sphagni	71					
	Endive Pellia	Pellia endiviifolia	4					
	Overleaf Pellia	Pellia epiphylla	31					
	Nees' Pellia	Pellia neesiana	3					
	Greater Featherwort	Plagiochila asplenioides	1					
	Plagiochila asplenioides	Plagiochila asplenioides	5					
	Lesser Featherwort	Plagiochila porelloides	8					
	Plagiochila spinulosa	Plagiochila spinulosa	1					1
	Wall Scalewort	Porella platyphylla	2					
	Narrow Mushroom-headed Liverwort	Preissia quadrata	2					
	Ciliated Fringewort	Ptilidium ciliare	10					
	Tree Fringewort	Ptilidium pulcherrimum	2					
	Even Scalewort	Radula complanata	7					
	Hemisphaeric Liverwort	Reboulia hemisphaerica	2					
	Jagged Germanderwort	Riccardia chamedryfolia	2					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Liverwort	Delicate Germanderwort	<i>Riccardia multifida</i>	2					
	Palmate Germanderwort	<i>Riccardia palmata</i>	1					
	Untidy Earwort	<i>Scapania cuspiduligera</i>	1					1
	Western Earwort	<i>Scapania gracilis</i>	5					
	Heath Earwort	<i>Scapania irrigua</i>	7					
	Grove Earwort	<i>Scapania nemorea</i>	9					
	Norwegian Earwort	<i>Scapania scandica</i>	1					
	Northern Earwort	<i>Scapania subalpina</i>	2					
	Shady Earwort	<i>Scapania umbrosa</i>	5					
	Water Earwort	<i>Scapania undulata</i>	20					
	Handsome Woollywort	<i>Trichocolea tomentella</i>	1					
	Larger Cut Notchwort	<i>Tritomaria exsectiformis</i>	3					
	Lyon's Notchwort	<i>Tritomaria quinquedentata</i>	3					

Lichen	<i>Acarospora fuscata</i>	<i>Acarospora fuscata</i>	17					
	<i>Acarospora glaucocarpa</i>	<i>Acarospora glaucocarpa</i>	3					1
	<i>Acarospora macrospora</i> subsp. <i>macrospora</i>	<i>Acarospora macrospora</i> subsp. <i>macrospora</i>	2					
	<i>Acarospora smaragdula</i>	<i>Acarospora smaragdula</i>	1					
	<i>Alectoria sarmentosa</i> subsp. <i>sarmentosa</i>	<i>Alectoria sarmentosa</i> subsp. <i>sarmentosa</i>	1					
	<i>Amandinea punctata</i>	<i>Amandinea punctata</i>	9					
	<i>Arctoparmelia incurva</i>	<i>Arctoparmelia incurva</i>	6					
	<i>Arthonia arthonioides</i>	<i>Arthonia arthonioides</i>	7					
	<i>Arthonia didyma</i>	<i>Arthonia didyma</i>	3					
	<i>Arthonia elegans</i>	<i>Arthonia elegans</i>	3					
	<i>Arthonia muscigena</i>	<i>Arthonia muscigena</i>	5					
	<i>Arthonia radiata</i>	<i>Arthonia radiata</i>	11					
	<i>Arthonia spadicea</i>	<i>Arthonia spadicea</i>	2					
	<i>Arthonia vinosa</i>	<i>Arthonia vinosa</i>	4					
	<i>Arthrorhaphis citrinella</i>	<i>Arthrorhaphis citrinella</i>	5					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
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Lichen	Aspicilia calcarea	Aspicilia calcarea	4					
	Aspicilia laevata	Aspicilia laevata	5					
	Bacidia inundata	Bacidia inundata	3					
	Bacidia rubella	Bacidia rubella	1					1
	Bacidia scopulicola	Bacidia scopulicola	1					
	Baeomyces rufus	Baeomyces rufus	27					
	Belonia nidarosiensis	Belonia nidarosiensis	4					
	Mycobilimbia pilularis	Biatora sphaeroides	1					
	Bilimbia sabuletorum	Bilimbia sabuletorum	6					
	Mycobilimbia sabuletorum	Bilimbia sabuletorum	1					
	Myxobilimbia sabuletorum	Bilimbia sabuletorum	1					
	Bryoria chalybeiformis	Bryoria chalybeiformis	6					1
	Bryoria fuscescens	Bryoria fuscescens	3					
	Bryoria fuscescens var. fuscescens	Bryoria fuscescens var. fuscescens	26					
	Bryoria nadvornikiana	Bryoria nadvornikiana	12					1
	Bryoria subcana	Bryoria subcana	2					
	Buellia aethalea	Buellia aethalea	1					
	Buellia disciformis	Buellia disciformis	2					
	Buellia griseovirens	Buellia griseovirens	3					
	Buellia pulverea	Buellia pulverea	1					1
	Buellia schaeferi	Buellia schaeferi	1					1
	Bunodophoron melanocarpum	Bunodophoron melanocarpum	3					
	Calicium glaucellum	Calicium glaucellum	6					
	Calicium salicinum	Calicium salicinum	2					
	Calicium viride	Calicium viride	11					
	Caloplaca cerina var. cerina	Caloplaca cerina var. cerina	1					
	Caloplaca cirrochroa	Caloplaca cirrochroa	2					
	Caloplaca citrina	Caloplaca citrina	14					
	Caloplaca crenularia	Caloplaca crenularia	6					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
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Lichen	Caloplaca decipiens	Caloplaca decipiens	1					
	Caloplaca flavescens	Caloplaca flavescens	4					
	Caloplaca holocarpa	Caloplaca holocarpa	5					
	Orange-fruited Elm-lichen	Caloplaca luteoalba	1					1
	Caloplaca saxicola	Caloplaca saxicola	1					
	Candelariella aurella forma aurella	Candelariella aurella forma aurella	5					
	Candelariella reflexa	Candelariella reflexa	1					
	Candelariella vitellina forma vitellina	Candelariella vitellina forma vitellina	17					
	Candelariella xanthostigma	Candelariella xanthostigma	1					
	Cetraria aculeata	Cetraria aculeata	17					
	Cetraria sepincola	Cetraria sepincola	2					
	Chaenotheca brachypoda	Chaenotheca brachypoda	2					
	Pinhead Lichen	Chaenotheca brunneola	3					1
	Chaenotheca chrysocephala	Chaenotheca chrysocephala	1					1
	Chaenotheca ferruginea	Chaenotheca ferruginea	12					
	Chaenotheca furfuracea	Chaenotheca furfuracea	2					
	Chaenotheca hispidula	Chaenotheca hispidula	2					1
	Chaenotheca trichialis	Chaenotheca trichialis	3					
	Chrysothrix candelaris	Chrysothrix candelaris	9					
	Chrysothrix flavovirens	Chrysothrix flavovirens	2					
	Cladonia arbuscula subsp. squarrosa	Cladonia arbuscula subsp. squarrosa	14					
	Cladonia bellidiflora	Cladonia bellidiflora	4					1
	Cladonia cervicornis subsp. cervicornis	Cladonia cervicornis subsp. cervicornis	2					
	Cladonia ciliata var. tenuis	Cladonia ciliata var. tenuis	13					
	Cladonia chlorophaea	Cladonia chlorophaea	25			1	1	
	Cladonia coccifera	Cladonia coccifera	14					
	Scarlet-cup Lichen	Cladonia coccifera	1					
	Cladonia coniocraea	Cladonia coniocraea	23					
	Cladonia crispata var. cetrariiiformis	Cladonia crispata var. cetrariiiformis	8					

Taxonomic Group	Common name	Latin name	No, Records	EU protection	Other designations UK			
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Lichen	Cladonia digitata	Cladonia digitata	6					
	Cladonia diversa	Cladonia diversa	7					
	Cladonia fimbriata	Cladonia fimbriata	20					
	Cladonia floerkeana	Cladonia floerkeana	15					
	Cladonia furcata	Cladonia furcata	8					
	Cladonia furcata subsp. furcata	Cladonia furcata subsp. furcata	7					
	Cladonia glauca	Cladonia glauca	4					
	Cladonia gracilis	Cladonia gracilis	17					
	Cladonia humilis	Cladonia humilis	2					
	Cladonia luteoalba	Cladonia luteoalba	7					1
	Cladonia macilenta	Cladonia macilenta	22					
	Cladonia ochrochlora	Cladonia ochrochlora	4					
	Cladonia pocillum	Cladonia pocillum	4					
	Cladonia polydactyla	Cladonia polydactyla	1					
	Cladonia polydactyla var. polydactyla	Cladonia polydactyla var. polydactyla	20					
	Reindeer Moss	Cladonia portentosa	30					
	Cladonia pyxidata	Cladonia pyxidata	3					
	Cladonia ramulosa	Cladonia ramulosa	1					
	Cladonia rangiformis	Cladonia rangiformis	3					
	Cladonia scabriuscula	Cladonia scabriuscula	2					
	Cladonia squamosa	Cladonia squamosa	23					
	Cladonia squamosa var. subsquamosa	Cladonia squamosa var. subsquamosa	1					
	Cladonia subcervicornis	Cladonia subcervicornis	8					
	Cladonia subulata	Cladonia subulata	6					
	Cladonia sulphurina	Cladonia sulphurina	11					
	Cladonia uncialis subsp. biuncialis	Cladonia uncialis subsp. biuncialis	13					
	Cladonia uncialis	Cladonia uncialis subsp. uncialis	11					
	Clauzadea immersa	Clauzadea immersa	1					
	Cliostomum griffithii	Cliostomum griffithii	10					

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Lichen	Collema auriforme	Collema auriforme	2					
	Collema crispum var. crispum	Collema crispum var. crispum	1					
	Collema cristatum var. cristatum	Collema cristatum var. cristatum	1					
	Cyphelium inquinans	Cyphelium inquinans	2					1
	Cystocoleus ebeneus	Cystocoleus ebeneus	8					
	Dermatocarpon miniatum var. miniatum	Dermatocarpon miniatum var. miniatum	2					
	Dimerella pineti	Dimerella pineti	3					
	Diploschistes scruposus	Diploschistes scruposus	8					
	Oak Moss	Evernia prunastri	30					
	Farnoldia jurana	Farnoldia jurana	2					
	Fellhanera subtilis	Fellhanera subtilis	1					
	Fellhaneropsis vezdae	Fellhaneropsis vezdae	1					
	Frutidella caesioatra	Frutidella caesioatra	2					
	Fuscidea cyathoides var. cyathoides	Fuscidea cyathoides var. cyathoides	15					
	Fuscidea kochiana	Fuscidea kochiana	1					
	Fuscidea lightfootii	Fuscidea lightfootii	7					
	Fuscidea lygaea	Fuscidea lygaea	2					
	Fuscidea praeruptorum	Fuscidea praeruptorum	2					
	Graphina anguina	Graphina anguina	1					
	Graphis elegans	Graphis elegans	6					
	Script Lichen	Graphis scripta	12					
	Gyalecta jenensis var. jenensis	Gyalecta jenensis var. jenensis	4					
	Jamesiella anastomosans	Gyalideopsis anastomosans	1					
	Haematomma ochroleucum var. ochroleucum	Haematomma ochroleucum var. ochroleucum	3					
	Haematomma ochroleucum var. porphyrium	Haematomma ochroleucum var. porphyrium	1					
	Hypocenomyce caradocensis	Hypocenomyce caradocensis	1					
	Hypocenomyce scalaris	Hypocenomyce scalaris	15					
	Dark Crottle	Hypogymnia physodes	45					
	Hypogymnia tubulosa	Hypogymnia tubulosa	21					

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Lichen	Icmadophila ericetorum	Icmadophila ericetorum	1					
	Imshaugia aleurites	Imshaugia aleurites	4					
	Ionaspis lacustris	Ionaspis lacustris	2					
	Lecanactis abietina	Lecanactis abietina	17					
	Lecania cyrtella	Lecania cyrtella	3					
	Lecania erysibe	Lecania erysibe	1					
	Lecania turicensis	Lecania turicensis	1					
	Lecanora albescens	Lecanora albescens	3					
	Lecanora caesiosora	Lecanora caesiosora	2					
	Lecanora campestris subsp. campestris	Lecanora campestris subsp. campestris	12					
	Lecanora carpinea	Lecanora carpinea	7					
	Lecanora chlarotera	Lecanora chlarotera	17					
	Lecanora confusa	Lecanora confusa	3					
	Lecanora conizaeoides	Lecanora conizaeoides	1					
	Lecanora conizaeoides forma conizaeoides	Lecanora conizaeoides forma conizaeoides	20					
	Lecanora dispersa	Lecanora dispersa	18					
	Lecanora expallens	Lecanora expallens	22					
	Lecanora gangaleoides	Lecanora gangaleoides	2					
	Lecanora intricata	Lecanora intricata	12					
	Lecanora intumescens	Lecanora intumescens	2					
	Lecanora jamesii	Lecanora jamesii	1					
	Lecanora muralis	Lecanora muralis	5					
	Lecanora orosthea	Lecanora orosthea	13					
	Lecanora polytropa	Lecanora polytropa	19					
	Lecanora populicola	Lecanora populicola	1					
	Lecanora pulicaris	Lecanora pulicaris	6					
	Lecanora rupicola var. rupicola	Lecanora rupicola var. rupicola	5					
	Lecanora soralifera	Lecanora soralifera	16					
	Lecanora straminea	Lecanora straminea	1					

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Lichen	Lecanora sulphurea	Lecanora sulphurea	6					
	Lecanora symmicta	Lecanora symmicta	7					
	Lecanora varia	Lecanora varia	6					
	Lecidea diducens	Lecidea diducens	3					
	Lecidea fuscoatra	Lecidea fuscoatra	5					
	Lecidea lithophila	Lecidea lithophila	9					
	Lecidea plana	Lecidea plana	3					
	Lecidella elaeochroma forma elaeochroma	Lecidella elaeochroma forma elaeochroma	15					
	Lecidella scabra	Lecidella scabra	7					
	Lecidella stigmatia	Lecidella stigmatia	8					
	Lepraria caesioalba	Lepraria caesioalba	3					
	Lepraria incana	Lepraria incana	32					
	Lepraria jackii	Lepraria jackii	1					
	Lepraria lobificans	Lepraria lobificans	8					
	Lepraria membranacea	Lepraria membranacea	7					
	Lepraria neglecta	Lepraria neglecta	4					
	Lepraria rigidula	Lepraria rigidula	3					
	Lepraria umbricola	Lepraria umbricola	1					
	Lepraria vouauxii	Lepraria vouauxii	1					
	Lepraria vouauxii	Lepraria vouauxii	1					
	Caloplaca chrysodeta	Lepraria chrysodeta	1					1
	Caloplaca xantholyta	Lepraria xantholyta	1					
	Leptogium lichenoides	Leptogium lichenoides	2					
	Lichenomphalia hudsoniana	Lichenomphalia hudsoniana	2					
	Heath Navel	Lichenomphalia umbellifera	20					
	Lungwort	Lobaria pulmonaria	2					1
	Loxospora elatina	Loxospora elatina	1					
	Megaspora verrucosa	Megaspora verrucosa	2					
	Melanelixia subaurifera	Melanelixia subaurifera	8					

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Lichen	Melanelia fuliginosa subsp. fuliginosa	Melanelixia fuliginosa subsp. fuliginosa	2					
	Melanelixia fuliginosa subsp. fuliginosa	Melanelixia fuliginosa subsp. fuliginosa	12					
	Melanelixia fuliginosa subsp. glabratula	Melanelixia fuliginosa subsp. fuliginosa	17					
	Melanelia fuliginosa subsp. glabratula	Melanelixia fuliginosa subsp. glabratula	2					
	Parmelia glabratula	Melanelixia fuliginosa subsp. glabratula	1					
	Melanohalea exasperata	Melanohalea exasperata	1					
	Micarea bauschiana	Micarea bauschiana	1					
	Micarea botryoides	Micarea botryoides	2					1
	Micarea denigrata	Micarea denigrata	4					
	Micarea lignaria	Micarea lignaria	1					
	Micarea lignaria var. lignaria	Micarea lignaria var. lignaria	10					
	Micarea myriocarpa	Micarea myriocarpa	1					
	Micarea prasina	Micarea prasina	5					
	Miriquidica leucophaea	Miriquidica leucophaea	2					
	Lecidea pycnocarpa forma pycnocarpa	Miriquidica pycnocarpa f. pycnocarpa	1					
	Mycoblastus fucatus	Mycoblastus fucatus	2					
	Mycoblastus sanguinarius	Mycoblastus sanguinarius	1					
	Mycoblastus sanguinarius forma sanguinarius	Mycoblastus sanguinarius forma sanguinarius	16					
	Ochrolechia androgyna	Ochrolechia androgyna	28					
	Ochrolechia frigida forma frigida	Ochrolechia frigida forma frigida	3					
	Crabs Eye Lichen	Ochrolechia parella	14					
	Ochrolechia subviridis	Ochrolechia subviridis	1					
	Cudbear	Ochrolechia tartarea	10					
	Ochrolechia turneri	Ochrolechia turneri	12					
	Opegrapha atra	Opegrapha atra	12					
	Opegrapha calcarea	Opegrapha calcarea	5					
	Opegrapha gyrocarpa	Opegrapha gyrocarpa	4					
	Opegrapha ochrocheila	Opegrapha ochrocheila	3					
	Opegrapha varia	Opegrapha varia	3					

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Lichen	Opegrapha vulgata	Opegrapha vulgata	4					
	Blood-spot	Ophioparma ventosa	11					
	Parmelia discordans	Parmelia discordans	4					1
	Parmelia omphalodes	Parmelia omphalodes	16					
	Parmelia saxatilis	Parmelia saxatilis	35					
	Netted Shield Lichen	Parmelia sulcata	30					
	Foraminella ambigua	Parmeliopsis ambigua	1					
	Parmeliopsis ambigua	Parmeliopsis ambigua	14					
	Parmeliopsis hyperopta	Parmeliopsis hyperopta	3					
	Peltigera didactyla	Peltigera didactyla	3					
	Peltigera horizontalis	Peltigera horizontalis	6					
	Peltigera hymenina	Peltigera hymenina	18					
	Peltigera lactucifolia	Peltigera lactucifolia	1					
	Peltigera membranacea	Peltigera membranacea	9					
	Peltigera polydactylon	Peltigera polydactylon	2					
	Peltigera praetextata	Peltigera praetextata	5					
	Peltigera rufescens	Peltigera rufescens	2					
	Pertusaria albescens	Pertusaria albescens	1					
	Pertusaria albescens var. albescens	Pertusaria albescens var. albescens	16					
	Pertusaria albescens var. corallina	Pertusaria albescens var. corallina	5					
	Pertusaria amara	Pertusaria amara	1					
	Pertusaria amara forma amara	Pertusaria amara forma amara	19					
	Pertusaria coccodes	Pertusaria coccodes	2					
	Pertusaria corallina	Pertusaria corallina	25					
	Pertusaria hemisphaerica	Pertusaria hemisphaerica	8					1
	Pertusaria hymenea	Pertusaria hymenea	2					
	Pertusaria lactea	Pertusaria lactea	2					
	Pertusaria lactescens	Pertusaria lactescens	1					
	Pertusaria leioplaca	Pertusaria leioplaca	7					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
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Lichen	Pertusaria multipuncta	Pertusaria multipuncta	10					
	Pertusaria pertusa	Pertusaria pertusa	13					
	Phaeophyscia orbicularis	Phaeophyscia orbicularis	7					
	Phlyctis argena	Phlyctis argena	11					
	Physcia adscendens	Physcia adscendens	6					
	Physcia caesia	Physcia caesia	8					
	Physcia tenella subsp. tenella	Physcia tenella subsp. tenella	10					
	Physconia distorta	Physconia distorta	6					
	Physconia grisea	Physconia grisea	7					
	Placynthiella icmalea	Placynthiella icmalea	10					
	Placynthium nigrum	Placynthium nigrum	4					
	Platismatia glauca	Platismatia glauca	38					
	Polyblastia deminuta	Polyblastia deminuta	2					1
	Porina leptalea	Porina leptalea	1					
	Porpidia cinereoatra	Porpidia cinereoatra	11					
	Porpidia crustulata	Porpidia crustulata	11					
	Porpidia macrocarpa	Porpidia macrocarpa	6					
	Porpidia macrocarpa forma macrocarpa	Porpidia macrocarpa var. macrocarpa	20					
	Porpidia soledizodes	Porpidia soledizodes	6					
	Porpidia tuberculosa	Porpidia tuberculosa	25					
	Protoblastenia rupestris	Protoblastenia rupestris	9					
	Protoparmelia badia	Protoparmelia badia	11					
	Pseudephebe pubescens	Pseudephebe pubescens	5					
	Pseudevernia furfuracea agg.	Pseudevernia	1					
	Pseudevernia furfuracea	Pseudevernia furfuracea	22					
	Pseudevernia furfuracea var. ceratea	Pseudevernia furfuracea var. ceratea	1					
	Pseudevernia furfuracea var. furfuracea	Pseudevernia furfuracea var. furfuracea	4					
	Psilolechia lucida	Psilolechia lucida	10					
	Psora lurida	Psora lurida	2					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
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Lichen	Punctelia subrudecta	Punctelia subrudecta	1					
	Pyrrhospora quernea	Pyrrhospora quernea	10					
	Racodium rupestre	Racodium rupestre	7					
	Ramalina canariensis	Ramalina canariensis	1					
	Ramalina farinacea	Ramalina farinacea	25					
	Ramalina fastigiata	Ramalina fastigiata	6					
	Ramalina fraxinea	Ramalina fraxinea	5					
	Rhizocarpon geographicum	Rhizocarpon geographicum	20					
	Rhizocarpon obscuratum	Rhizocarpon lavatum	1					
	Rhizocarpon lecanorinum	Rhizocarpon lecanorinum	2					
	Rhizocarpon oederi	Rhizocarpon oederi	4					
	Rhizocarpon petraeum	Rhizocarpon petraeum	1					
	Rhizocarpon polycarpum	Rhizocarpon polycarpum	1					
	Rhizocarpon reductum	Rhizocarpon reductum	15					
	Rhizocarpon umbilicatum	Rhizocarpon umbilicatum	2					1
	Rimularia furvella	Rimularia furvella	2					
	Rinodina gennarii	Rinodina gennarii	3					
	Rinodina sophodes	Rinodina sophodes	5					
	Sarcogyne regularis	Sarcogyne regularis	1					
	Schismatomma decolorans	Schismatomma decolorans	1					
	Scoliciosporum chlorococcum	Scoliciosporum chlorococcum	2					
	Scoliciosporum pruinatum	Scoliciosporum pruinatum	1					
	Scoliciosporum umbrinum	Scoliciosporum umbrinum	3					
	Solenopsora candicans	Solenopsora candicans	2					1
	Solorina saccata	Solorina saccata	2					1
	Sphaerophorus fragilis	Sphaerophorus fragilis	3					
	Sphaerophorus globosus	Sphaerophorus globosus	15					
	Squamarina cartilaginea var. cartilaginea	Squamarina cartilaginea var. cartilaginea	2					
	Staurothele bacilligera	Staurothele bacilligera	2					1

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Lichen	Stereocaulon vesuvianum var. vesuvianum	Stereocaulon vesuvianum var. vesuvianum	1					
	Strangospora moriformis	Strangospora moriformis	1					
	Tephromela atra var. atra	Tephromela atra var. atra	17					
	Tephromela grumosa	Tephromela grumosa	4					
	Thelidium decipiens	Thelidium decipiens	4					
	Thelotrema lepadinum	Thelotrema lepadinum	6					1
	Toninia aromatica	Toninia aromatica	4					
	Trapelia coarctata	Trapelia coarctata	22					
	Trapelia glebulosa	Trapelia glebulosa	2					
	Trapelia placodioides	Trapelia placodioides	9					
	Trapeliopsis flexuosa	Trapeliopsis flexuosa	5					
	Trapeliopsis glaucolepidea	Trapeliopsis glaucolepidea	1					1
	Trapeliopsis granulosa	Trapeliopsis granulosa	15					
	Trapeliopsis pseudogranulosa	Trapeliopsis pseudogranulosa	5					
	Tuckermanopsis chlorophylla	Tuckermanopsis chlorophylla	14					
	Tuckermanopsis chlorophylla	Tuckermanopsis chlorophylla	5					
	Umbilicaria cylindrica	Umbilicaria cylindrica	4					
	Umbilicaria polyphylla	Umbilicaria polyphylla	9					
	Umbilicaria polyrrhiza	Umbilicaria polyrrhiza	9					
	Umbilicaria torrefacta	Umbilicaria torrefacta	1					
	Usnea cornuta	Usnea cornuta	1					
	Usnea filipendula	Usnea filipendula	23					
	Usnea fragileszens var. fragileszens	Usnea fragileszens var. fragileszens	1					
	Usnea subfloridana	Usnea subfloridana	30					
	Usnea wasmuthii	Usnea wasmuthii	6					
	Verrucaria aquatilis	Verrucaria aquatilis	2					
	Verrucaria baldensis	Verrucaria baldensis	6					
	Verrucaria dufourii	Verrucaria dufourii	2					1
	Verrucaria fuscella	Verrucaria fuscella	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	Other designations UK			
				EHD	Plant red list	NR plant	NS plant	NRDB
Lichen	Verrucaria hochstetteri	Verrucaria hochstetteri	4					
	Verrucaria muralis	Verrucaria muralis	14					
	Verrucaria nigrescens	Verrucaria nigrescens	10					
	Verrucaria praetermissa	Verrucaria praetermissa	2					
	Verrucaria viridula	Verrucaria viridula	2					
	Vulpicida pinastri	Vulpicida pinastri	3					
	Parmelia mougeotii	Xanthoparmelia mougeotii	1					
	Xanthoparmelia mougeotii	Xanthoparmelia mougeotii	9					
	Xanthoparmelia verruculifera	Xanthoparmelia verruculifera	1					
	Xanthoria aureola	Xanthoria aureola	1					
	Xanthoria candelaria	Xanthoria candelaria	7					
	Xanthoria elegans	Xanthoria elegans	1					
	Xanthoria parietina	Xanthoria parietina	18					
	Xanthoria polycarpa	Xanthoria polycarpa	7					
	Xylographa vitiligo	Xylographa vitiligo	1					

Slime mould	Ceratiomyxa fruticulosa var. fruticulosa	Ceratiomyxa fruticulosa var. fruticulosa	1					
	Fuligo septica var. septica	Fuligo septica var. septica	2					
	Lycogala terrestre	Lycogala terrestre	5					
	Tubifera ferruginosa	Tubifera ferruginosa	1					
Totals			5887	29	2	4	10	40

		Moss	L wort	Lich	S mold	
Total species	740	291	95	348	4	
EHD	29	29				<1%
Plant red list	2	2				<1%
NR Plant	4	3		1		<1%
NS plant	10	9		1		<1%
NRDB	40	8	6	26		1%
Total records	5887					

Abbreviations used for mosses, liverworts, lichens and slime molds - see section 5 for explanation of designations

EHD	European Habitats Directive
Plant red list	UK plant red list
NR plant	Nationally rare plant
NS plant	Nationally scarce plant
NRDB	Northumberland Red Data book

6.5 Fungi

Taxonomic Group	Common name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Blushing Wood Mushroom	<i>Agaricus silvaticus</i>	2		
	Wood Mushroom	<i>Agaricus silvicola</i>	1		
	Spring Fieldcap	<i>Agrocybe praecox</i>	1		
	Orange Peel Fungus	<i>Aleuria aurantia</i>	8		
	False Deathcap	<i>Amanita citrina</i> var. <i>citrina</i>	1		
	Orange Grisette	<i>Amanita crocea</i>	2		
	Grey Spotted Amanita	<i>Amanita excelsa</i> var. <i>excelsa</i>	1		
	Tawny Grisette	<i>Amanita fulva</i>	4		
	Fly Agaric	<i>Amanita muscaria</i>	1		
	Fly Agaric	<i>Amanita muscaria</i> var. <i>muscaria</i>	10		
	Blusher	<i>Amanita rubescens</i> var. <i>rubescens</i>	6		
	Grisette	<i>Amanita vaginata</i> var. <i>vaginata</i>	4		
	Anthracoidea caricis	<i>Anthracoidea caricis</i>	1		
	Armillaria bulbosa	<i>Armillaria bulbosa</i>	3		
	Bulbous Honey Fungus	<i>Armillaria gallica</i>	2		
	Dark Honey Fungus	<i>Armillaria ostoyae</i>	1		
	Arrhenia lobata	<i>Arrhenia lobata</i>	1		
	Arrhenia retiruga	<i>Arrhenia retiruga</i>	2		
	Arthonia punctiformis	<i>Arthonia punctiformis</i>	5		
	Arthopyrenia analepta	<i>Arthopyrenia analepta</i>	6		
	Arthopyrenia lapponina	<i>Arthopyrenia lapponia</i>	1		
	Arthopyrenia cinereopruinosa	<i>Arthopyrenia cinereopruinosa</i>	1		
	Arthopyrenia punctiformis	<i>Arthopyrenia punctiformis</i>	6		
	Purple Jellydisc	<i>Ascocoryne sarcoides</i>	4		
	Jelly Ear	<i>Auricularia auricula-judae</i>	1		
	Conifercone Cap	<i>Baeospora myosura</i>	2		
	Smoky Bracket	<i>Bjerkandera adusta</i>	2		
	Bay Bolete	<i>Boletus badius</i>	4		
	Red-Cracking Bolete	<i>Boletus chrysenteron</i>	3		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Cep	Boletus edulis	9		
	Summer Bolete	Boletus reticulatus	1		
	Suede Bolete	Boletus subtomentosus	1		
	Black Bulgar	Bulgaria inquinans	1		
	Calocera viscosa var. furcata	Calocera furcata	7		
	Pale Stagshorn	Calocera pallidospathulata	44		
	Yellow Stagshorn	Calocera viscosa	28		
	Chanterelle	Cantharellus cibarius	4		
	Trumpet Chanterelle	Cantharellus tubaeformis	2		
	Peppery Bolete	Chalciporus piperatus	5		
	Green Elfcup	Chlorociboria aeruginascens	1		
	Shaggy Parasol	Chlorophyllum rhacodes	5		
	Copper Spike	Chroogomphus rutilus	1		
	Ergot	Claviceps purpurea	69		
	Grey Coral	Clavulina cinerea forma cinerea	2		
	Crested Coral	Clavulina coralloides	2		
	Wrinkled Club	Clavulina rugosa	3		
	Meadow Coral	Clavulinopsis corniculata	1		
	Yellow Club	Clavulinopsis helvola	1		
	Fragrant Funnel	Clitocybe fragrans	7		
	Common Funnel	Clitocybe gibba	1		
	Clouded Funnel	Clitocybe nebularis	6		
	Aniseed Funnel	Clitocybe odora	1		
	Mealy Funnel	Clitocybe vibecina	1		
	Miller	Clitopilus prunulus	2		
	Coleosporium tussilaginis	Coleosporium tussilaginis	26		
	Collybia butyracea var. asema	Collybia butyracea var. asema	8		
	Butter Cap	Collybia butyracea var. butyracea	6		
	Russet Shank	Collybia dryophila	2		
	Redleg Toughshank	Collybia erythropus	1		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Wood Woollyfoot	Collybia peronata	3		
	Fairy Inkcap	Coprinellus disseminatus	1		
	Common Inkcap	Coprinopsis atramentaria	2		
	Shaggy Inkcap	Coprinus comatus	9		
	Scarlet Caterpillarclub	Cordyceps militaris	1		
	Snaketongue Truffleclub	Cordyceps ophioglossoides	2		
	Dappled Webcap	Cortinarius bolaris	1		
	Cortinarius cinnamomeoluteus	Cortinarius cinnamomeoluteus	2		
	Cinnamon Webcap	Cortinarius cinnamomeus	5		
	Yellow Webcap	Cortinarius delibutus	1		
	Frosty Webcap	Cortinarius hemitrichus	1		
	Pelargonium Webcap	Cortinarius paleaceus	1		
	Bloodred Webcap	Cortinarius sanguineus	2		
	Purple Stocking Webcap	Cortinarius stillatitius	3		
	Gassy Webcap	Cortinarius traganus	1		
	Peeling Oysterling	Crepidotus mollis	1		
	Variable Oysterling	Crepidotus variabilis	2		
	Crocicreas cyathoideum var. cyathoideum	Crocicreas cyathoideum var. cyathoideum	1		
	Earthy Powdercap	Cystoderma amianthinum	15		
	Scarlet Splash	Cytidia salicina	1		
	Common Jellyspot	Dacrymyces stillatus	30		
	Beech Barkspot	Diatrype disciformis	3		
	Dasyscyphus grevillei	Discocistella grevillei	1		
	Durella suecica	Durella suecica	1		
	False Truffle	Elaphomyces granulatus	2		1
	Honey Pinkgill	Entoloma cetratum	1		
	Star Pinkgill	Entoloma conferendum var. conferendum	2		
	Cream Pinkgill	Entoloma sericellum	1		
	Silky Pinkgill	Entoloma sericeum var. sericeum	1		
	Entyloma ficariae	Entyloma ficariae	4		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Epichloë baconii	Epichloë baconii	2		
	Choke	Epichloë typhina	9		
	Oak Mildew	Erysiphe alphitoides	7		
	Erysiphe ornata var. europaea	Erysiphe ornata var. europaea	1		
	Microsphaera trifolii var. trifolii	Erysiphe trifolii var. trifolii	1		
	Exidia recisa	Exidia recisa	1		
	Exobasidium rostrupii	Exobasidium rostrupii	2		
	Velvet Shank	Flammulina velutipes var. velutipes	3		
	Tinder Bracket	Fomes fomentarius	3		
	Galerina mniophila	Galerina mniophila	1		
	Galerina mycenoides	Galerina mycenoides	1		
	Bog Bell	Galerina paludosa	4		
	Dwarf Bell	Galerina pumila	1		
	Southern Bracket	Ganoderma australe	1		
	Geopora arenosa	Geopora arenosa	1		
	Conifer Mazegill	Gloeophyllum sepiarium	50		
	Slimy Spike	Gomphidius glutinosus	1		
	Gymnopilus hybridus	Gymnopilus hybridus	1		
	Spectacular Rustgill	Gymnopilus junonius	3		
	Common Rustgill	Gymnopilus penetrans	3		
	Poison Pie	Hebeloma crustuliniforme	1		
	Veiled Poisonpie	Hebeloma mesophaeum var. mesophaeum	1		
	White Saddle	Helvella crispa	1		
	Elfin Saddle	Helvella lacunosa	1		
	Root Rot	Heterobasidion annosum	2		
	Maidenhair Rust	Hyalopsora adianti-capilli-veneris	1		
	Wood Hedgehog	Hydnum repandum	3		
	False Chanterelle	Hygrophoropsis aurantiaca	27		
	Herald of Winter	Hygrophorus hypothejus	2		
	Hygrophorus pustulatus	Hygrophorus pustulatus	3		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Oak Curtain Crust	Hymenochaete rubiginosa	1		
	Nut Disco	Hymenoscyphus fructigenus	1		
	Hymenoscyphus rokebyensis	Hymenoscyphus rokebyensis	1		
	Elder Whitewash	Hyphodontia sambuci	1		
	Conifer Tuft	Hypholoma capnoides	20		
	Sulphur Tuft	Hypholoma fasciculare var. fasciculare	8		
	Snakeskin Brownie	Hypholoma marginatum	2		
	Bolete Mould	Hypomyces chrysospermus	2		
	Alder Bracket	Inonotus radiatus	7		
	Sheathed Woodtuft	Kuehneromyces mutabilis	1		
	Amethyst Deceiver	Laccaria amethystina	2		
	Deceiver	Laccaria laccata	8		
	Scurfy Deceiver	Laccaria proxima	4		
	Lachnellula resinaria	Lachnellula resinaria	2		
	Beech Milkcap	Lactarius blennius	5		
	Saffron Milkcap	Lactarius deliciosus	3		
	False Saffron Milkcap	Lactarius deterrimus	8		
	Lactarius fluens	Lactarius fluens	1		
	Coconut Milkcap	Lactarius glyciosmus	3		
	Lactarius hygginus	Lactarius hygginus	1		
	Pale Milkcap	Lactarius pallidus	1		
	Peppery Milkcap	Lactarius piperatus	3		
	Oak Milk-Cap	Lactarius quietus	2		
	Oakbug Milkcap	Lactarius quietus	2		
	Rufous Milkcap	Lactarius rufus	31		
	Mild Milkcap	Lactarius subdulcis	1		
	Birch Milkcap	Lactarius tabidus	4		
	Woolly Milkcap	Lactarius torminosus	1		
	Woolly Milk-Cap	Lactarius torminosus	1		
	Ugly Milkcap	Lactarius turpis	5		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Ugly Milk-Cap	Lactarius turpis	9		
	Fleecy Milk-Cap	Lactarius vellereus	2		
	Grey Milkcap	Lactarius vietus	3		
	Chicken of the Woods	Laetiporus sulphureus	2		
	Leccinum aurantiacum	Leccinum aurantiacum	1		
	Brown Birch Bolete	Leccinum scabrum	5		
	Orange Birch Bolete	Leccinum versipelle	1		
	Jellybaby	Leotia lubrica	1		
	Stinking Dapperling	Lepiota cristata	1		
	Tawny Funnel Cap	Lepista flaccida	9		
	Wood Blewit	Lepista nuda	5		
	Lepista sordida	Lepista sordida	1		
	Nettle Rash	Leptosphaeria acuta	18		
	Leptotrochila ranunculi	Leptotrochila ranunculi	3		
	Lophodermium piceae	Lophodermium piceae	2		
	Pine Needle Split	Lophodermium pinastri	4		
	Lophodermium seditiosum	Lophodermium seditiosum	4		
	Blackish Puffball	Lycoperdon nigrescens	1		
	Dusky Puffball	Lycoperdon nigrescens	1		
	Common Puffball	Lycoperdon perlatum	11		
	Stump Puffball	Lycoperdon pyriforme	3		
	White Domecap	Lyophyllum connatum	6		
	Clustered Domecap	Lyophyllum decastes	2		
	Horsehair Parachute	Marasmius androsaceus	14		
	Leaf Parachute	Marasmius epiphyllus	1		
	Collared Parachute	Marasmius rotula	1		
	Marasmius scorodonius	Marasmius scorodonius	9		
	Melampsora caprearum	Melampsora caprearum	2		
	Melampsora lini var. lini	Melampsora lini var. lini	8		
	Melampsora populnea	Melampsora populnea	4		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Birch Rust	Melampsorium betulinum	6		
	Wood Oysterling	Melanotus horizontalis	1		
	Microglossum viride	Microglossum viride	1		
	Stinking Parachute	Micromphale perforans	37		
	Common Grey Disco	Mollisia cinerea	1		
	Yellowleg Bonnet	Mycena epipterygia	7		
	Common Bonnet	Mycena galericulata	2		
	Milking Bonnet	Mycena galopus var. galopus	10		
	Clustered Bonnet	Mycena inclinata	1		
	Lilac Bonnet	Mycena pura	5		
	Dripping Bonnet	Mycena rorida	1		
	Bleeding Bonnet	Mycena sanguinolenta	20		
	Snapping Bonnet	Mycena vitilis	1		
	Mycocalicium subtile	Mycocalicium subtile	4	1	
	Naohidemyces vacciniiorum	Naohidemyces vacciniiorum	4		
	Coral Spot	Nectria cinnabarina	1		
	Coral-Spot Fungus	Nectria cinnabarina	1		
	Nectria fuckeliana	Nectria fuckeliana	1		
	Nectriopsis violacea	Nectriopsis violacea	1		
	Opegapha saxatilis	Opegapha rupestris	1	1	
	Tan Ear	Otidea alutacea	1		
	Hare's Ear	Otidea onotica	2		
	Porcelain Fungus	Oudemansiella mucida	4		
	Poplar Bracket	Oxyporus populinus	2		
	Brown Hay Cap	Panaeolina foenicicii	1		
	Egghead Mottlegill	Panaeolus semiovatus var. semiovatus	2		
	Elastic Oysterling	Panellus mitis	26		
	Olive Oysterling	Panellus serotinus	1		
	Brown Rollrim	Paxillus involutus	15		
	Rosy Crust	Peniophora incarnata	1		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Bay Cup	<i>Peziza badia</i>	2		
	Palamino Cup	<i>Peziza repanda</i>	1		
	Dyer's Mazegill	<i>Phaeolus schweinitzii</i>	5		
	Stinkhorn	<i>Phallus impudicus</i>	2		
	Wrinkled Crust	<i>Phlebia radiata</i>	1		
	Shaggy Scalycap	<i>Pholiota squarrosa</i>	2		
	Phragmidium fragariae	<i>Phragmidium fragariae</i>	3		
	Violet Bramble Rust	<i>Phragmidium violaceum</i>	1		
	Birch Polypore	<i>Piptoporus betulinus</i>	19		
	Oyster Mushroom	<i>Pleurotus ostreatus</i>	2		
	<i>Plicatura crispa</i>	<i>Plicatura crispa</i>	3		
	Deer Shield	<i>Pluteus cervinus</i>	3		
	<i>Sphaerotheca aphanis</i>	<i>Podosphaera aphanis</i>	1		
	<i>Podosphaera clandestina</i> var. <i>aucupariae</i>	<i>Podosphaera clandestina</i> var. <i>aucupariae</i>	1		
	<i>Podosphaera clandestina</i> var. <i>clandestina</i>	<i>Podosphaera clandestina</i> var. <i>clandestina</i>	2		
	Blackfoot Polypore	<i>Polyporus leptcephalus</i>	1		
	Conifer Blueing Bracket	<i>Postia caesia</i>	7		
	<i>Postia leucomallella</i>	<i>Postia leucomallella</i>	2		
	<i>Postia ptychogaster</i>	<i>Postia ptychogaster</i>	5		
	Bitter Bracket	<i>Postia stiptica</i>	5		
	<i>Pronectria robergei</i>	<i>Pronectria robergei</i>	1		
	Jelly Tongue	<i>Pseudohydnum gelatinosum</i>	2		
	Liberty Cap	<i>Psilocybe semilanceata</i>	1		
	Nettle Clustercup Rust	<i>Puccinia caricina</i> var. <i>caricina</i>	31		
	<i>Puccinia cnici-oleracei</i>	<i>Puccinia cnici-oleracei</i>	2		
	<i>Puccinia distincta</i>	<i>Puccinia distincta</i>	1		
	<i>Puccinia fergussonii</i>	<i>Puccinia fergussonii</i>	1		
	<i>Puccinia menthae</i>	<i>Puccinia menthae</i>	1		
	<i>Puccinia poarum</i>	<i>Puccinia poarum</i>	31		
	<i>Puccinia primulae</i>	<i>Puccinia primulae</i>	1		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Puccinia punctata	Puccinia punctata	2		
	Puccinia punctiformis	Puccinia punctiformis	23		
	Puccinia caricina var. urticae-vesicariae	Puccinia urticata var. urticae-vesicariae	1		
	Puccinia violae	Puccinia violae	2		
	Pucciniastrum epilobii	Pucciniastrum epilobii	4		
	Ramaria abietina	Ramaria abietina	2		
	Ivory Coral	Ramariopsis kunzei	1		
	Ramularia rubella	Ramularia rubella	12		
	Ramularia succisae	Ramularia succisae	1		
	Pine Firefungus	Rhizina undulata	1		
	Spotted Toughshank	Rhodocollybia maculata var. maculata	16		
	Bracken Map	Rhopoglyphus filicinus	33		
	Sycamore Tarspot	Rhytisma acerinum	13		
	Green Brittlegill	Russula aeruginea	3		
	Birch Brittlegill	Russula betularum	4		
	Yellow Swamp Russula	Russula claroflava	2		
	Charcoal Burner	Russula cyanoxantha	2		
	Crowded Brittlegill	Russula densifolia	1		
	Sickener	Russula emetica	36		
	Geranium-Scented Russula	Russula fellea	5		
	Foetid Russula	Russula foetens	3		
	Fragile Brittlegill	Russula fragilis var. fragilis	1		
	Blackening Russula	Russula nigricans	5		
	Purple Swamp Brittlegill	Russula nitida	1		
	Beechwood Sickener	Russula nobilis	4		
	Common Yellow Russula	Russula ochroleuca	21		
	Yellowing Brittlegill	Russula puellaris	3		
	Fruity Brittlegill	Russula queletii	1		
	Russula sanguinea	Russula sanguinea	1		
	Primrose Brittlegill	Russula sardonica	5		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Crab Brittlegill	Russula xerampelina	1		
	Common Porecrust	Schizophyllum commune	2		
	Schizothyrioma aterrimum	Schizothyrioma aterrimum	1		
	Common Earthball	Scleroderma citrinum	1		
	Scutellinia cejpai	Scutellinia cejpai	1		
	Scutellinia crucipila	Scutellinia crucipila	2		
	Scutellinia pseudotrechispora	Scutellinia pseudotrechispora	1		
	Common Eyelash	Scutellinia scutellata	8		
	Scutellinia subhirtella	Scutellinia subhirtella	2		
	Skeletocutis amorpha	Skeletocutis amorpha	2		
	Sphaerotheca epilobii	Sphaerotheca epilobii	2		
	Stenocybe pullatula	Stenocybe pullatula	5		
	Stenocybe pullulata	Stenocybe pullulata	1		
	Bleeding Oak Crust	Stereum gausapatum	2		
	Hairy Curtain Crust	Stereum hirsutum	1		
	Bleeding Broadleaf Crust	Stereum rugosum	5		
	Bleeding Conifer Crust	Stereum sanguinolentum	19		
	Stilbella erythrocephala	Stilbella erythrocephala	1		
	Sprucecone Cap	Strobilurus esculentus	2		
	Pinecone Cap	Strobilurus tenacellus	1		
	Verdigris Agaric	Stropharia aeruginosa	2		
	Larch Bolete	Suillus grevillei	7		
	Slippery Jack	Suillus luteus	5		
	Velvet Bolete	Suillus variegatus	2		
	Alder Tongue	Taphrinaalni	1		
	Taphrina padi	Taphrina padi	7		
	Taphrina sadebeckii	Taphrina sadebeckii	1		
	Taphrina tosquinetii	Taphrina tosquinetii	1		
	Sphagnum Greyling	Tephrocycybe palustris	4		
	Stinking Earthfan	Thelephora palmata	1		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungi	Tomasellia gelatinosa	Tomasellia gelatinosa	8		
	Turkeytail	Trametes versicolor	7		
	Tremella encephala	Tremella encephala	2		
	Leafy Brain	Tremella foliacea	9		
	Purplepore Bracket	Trichaptum abietinum	12		
	Birch Knight	Tricholoma fulvum	3		
	Grey Knight	Tricholoma terreum	2		
	Burnt Knight	Tricholoma ustale	2		
	Ashen Knight	Tricholoma virgatum	2		
	Plums and Custard	Tricholomopsis rutilans	13		
	Triphragmium ulmariae	Triphragmium ulmariae	3		
	Celandine Clustercup Rust	Uromyces dactylidis	3		
	Venturia rumicis	Venturia rumicis	2		
	Rooting Shank	Xerula radicata	2		
	Beechmast Candlesnuff	Xylaria carpophila	2		
	Candle-Snuff Fungus	Xylaria hypoxylon	9		
Fungus(Waxcap)	Pink Waxcap	Hygrocybe calyptriformis	1		
	Hygrocybe canescens	Hygrocybe canescens	1	1	
	Goblet Waxcap	Hygrocybe cantharellus	1		
	Butter Waxcap	Hygrocybe ceracea	1		
	Golden Waxcap	Hygrocybe chlorophana	1		
	Scarlet Waxcap	Hygrocybe coccinea	1		
	Blackening Waxcap	Hygrocybe conica	5		
	Yellow foot Waxcap	Hygrocybe flavipes	1		
	Earthy Waxcap	Hygrocybe fornicata	1		
	Spangle Waxcap	Hygrocybe inspida	1		
	Fibrous Waxcap	Hygrocybe intermedia	1		
	Slimy Waxcap	Hygrocybe irrigata	1		
	Heath Waxcap	Hygrocybe laeta va.r. laeta	2		

Taxonomic Group	Common Name	Latin name	No. Records	Other designations UK	
				NS	NRDB
Fungus(Waxcap)	Bitter Waxcap	Hygrocybe mucronella	2		
	Blackening Waxcap	Hygrocybe nigrescens	1		
	Blushing Waxcap	Hygrocybe ovina	1	1	
	Meadow Waxcap	Hygrocybe pratensis var. pratensis	2		
	Parrot Waxcap	Hygrocybe psittacina	1		
	Crimson Waxcap	Hygrocybe punicea	1		
	Oily Waxcap	Hygrocybe quieta	1		
	Honey Waxcap	Hygrocybe reidii	1		
	Cedarwood Waxcap	Hygrocybe russocriacea	1		
	Splendid Waxcap	Hygrocybe splendissima	1		
	Snowy Waxcap	Hygrocybe virginea	1		
Totals			340	4	1

		Fungi	W caps	
Total species	340	316	24	
NS fungi	4	2	2	1%
NRDB	1	1		<1%
Total records	1552			

Abbreviations used for fungi - see section 5 for explanation of designations

NS – Nationally Scarce fungi

NRDB – Northumberland red data book

6.6 Insects

Beetles, Butterflies, Caddis flies, Dragonflies, Bees +
Wasps, Lacewings, Mayflies,
Moths, Grasshoppers, Stoneflies, True bugs,
True flies, Spiders

Taxonomic Group	Common Name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP Priority	BAP N'land	Red list	Notable B	NRDB
Insect - alderfly	Alder Fly	<i>Sialis fuliginosa</i>	7						
(Megaloptera)	Alder Fly	<i>Sialis lutaria</i>	1						

Insect - beetle	Abax parallelepipedus	Abax parallelepipedus	1						
(Coleoptera)	Marsh Click Beetle	<i>Actenicerus sjaelandicus</i>	1						
	10-spot Ladybird	<i>Adalia decempunctata</i>	2						
	Agabus bipustulatus	<i>Agabus (Gaurodytes) bipustulatus</i>	10						
	Agabus guttatus	<i>Agabus (Gaurodytes) guttatus</i>	3						
	Agabus nebulosus	<i>Agabus (Gaurodytes) nebulosus</i>	1						
	Agathidium atrum	<i>Agathidium (Agathidium) atrum</i>	2						
	Agathidium laevigatum	<i>Agathidium (Agathidium) laevigatum</i>	1						
	Agathidium nigrinum	<i>Agathidium (Agathidium) laevigatum</i>	3						
	Agathidium nigrinum	<i>Agathidium (Cyphocele) nigrinum</i>	2						
	Agathidium rotundatum	<i>Agathidium (Neocele) rotundatum</i>	7						
	Agathidium (Neocele) varians	<i>Agathidium (Neocele) varians</i>	1						
	Agonum ericeti	<i>Agonum (Agonum) ericeti</i>	10					1	1
	Agonum muelleri	<i>Agonum (Agonum) muelleri</i>	1						
	Agonum fuliginosum	<i>Agonum (Europhilus) fuliginosum</i>	16						
	Agonum gracile	<i>Agonum (Europhilus) gracile</i>	7						
	Agriotes obscurus	<i>Agriotes obscurus</i>	1						
	Atheta sodalis	<i>Alaobia sodalis</i>	1						
	Amara familiaris	<i>Amara (Amara) familiaris</i>	1						
	Amara lunicollis	<i>Amara (Amara) lunicollis</i>	2						
	Amara ovata	<i>Amara (Amara) ovata</i>	1						
	Amara apricaria	<i>Amara (Bradytus) apricaria</i>	1						

Taxonomic Group	Common name	Latin name	No. Records	UK law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - beetle	Amara plebeja	Amara (Zezea) plebeja	1						
(Coleoptera)	Anacaena globulus	Anacaena globulus	16						
	Geotrupes stercorosus	Anoplotrupes stercorosus	1						
	Anthobium atrocephalum	Anthobium atrocephalum	2						
	Anthobium unicolor	Anthobium unicolor	7						
	Larch Ladybird	Aphidecta oblitterata	2						
	Aphodius rufipes	Aphodius (Acrossus) rufipes	1						
	Aphodius ater	Aphodius (Agrilinus) ater	1						
	Atheta hypnorum	Atheta hypnorum	1						
	Bembidion aeneum	Bembidion (Philochthus) aeneum	1						
	Philonthus fimetarius	Bisnius fimetarius	1						
	Bolitobius cingulatus	Bolitobius cingulatus	1						
	Calathus piceus	Calathus (Amphigynus) rotundicollis	1						
	Calathus melanocephalus agg.	Calathus melanocephalus agg.	1						
	Cantharis figurata	Cantharis figurata	9						
	Carabus arvensis	Carabus (Eucarabus) arvensis	1						
	Violet Ground Beetle	Carabus (Megodontus) violaceus	14						
	Carabus problematicus	Carabus (Mesocarabus) problematicus	3						
	Carabus glabratus	Carabus (Oreocarabus) glabratus	6						
	Catops morio	Catops morio	9						
	Cercyon (Cercyon) haemorrhoidalis	Cercyon (Cercyon) haemorrhoidalis	1						
	Cercyon lugubris	Cercyon (Cercyon) obsoletus	1						
	Choleva agilis	Choleva (Choleva) agilis	1						
	Choleva angustata	Choleva (Choleva) fagniezi	1						
	Choleva agilis	Choleva (Choleva) lederiana	1						
	Green Tiger Beetle	Cicindela campestris	2						
	Figwort Weevil	Cionus scrophulariae	2						
	Clivina fossor	Clivina fossor	1						
	Hieroglyphic Ladybird	Coccinella hieroglyphica	2						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - beetle	7-spot Ladybird	Coccinella septempunctata	5						
(Coleoptera)	Snail Hunter	Cychrus caraboides	10						
	Cymindis vaporariorum	Cymindis (Tarulus) vaporariorum	2					1	1
	Cyphon hilaris	Cyphon hilaris	8						
	Dalopius marginatus	Dalopius marginatus	2						
	Denticollis linearis	Denticollis linearis	1						
	Drusilla canaliculata	Drusilla canaliculata	12						
	Dryocoetes autographus	Dryocoetes autographus	1						1
	Dryops (Dryops) ernesti	Dryops (Dryops) ernesti	1						
	Dryops luridus	Dryops (Dryops) luridus	2						
	Great Diving Beetle	Dytiscus marginalis	1						
	Elaphrus cupreus	Elaphrus (Elaphrus) cupreus	1						
	Elmis aenea	Elmis aenea	4						
	Esolus parallelepipedus	Esolus parallelepipedus	1						
	Arpedium brachypterum	Eucnecosum brachypterum	8						
	Glischrochilus quadripunctatus	Glischrochilus (Glischrochilus) quadripunctatus	1						
	Gymnusa brevicollis	Gymnusa brevicollis	2						
	Whirligig Beetle	Gyrinus substriatus	3						
	Helophorus brevipalpis	Helophorus (Atracthelophorus) brevipalpis	10						
	Helophorus flavipes	Helophorus (Helophorus) flavipes	4						
	Helophorus aequalis	Helophorus (Megahelophorus) aequalis	5						
	Helophorus grandis	Helophorus (Megahelophorus) grandis	7						
	Hydraena gracilis	Hydraena gracilis	3						
	Hydrobius fuscipes	Hydrobius fuscipes	4						
	Hydroporus angustatus	Hydroporus angustatus	1						
	Hydroporus incognitus	Hydroporus incognitus	3						
	Hydroporus memnonius	Hydroporus memnonius	6						
	Hydroporus nigrita	Hydroporus nigrita	2						
	Hydroporus palustris	Hydroporus palustris	1						

Taxonomic Group	Common name	Latin name	No, Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - beetle	Hydroporus pubescens	Hydroporus pubescens	6						
(Coleoptera)	Hydroporus striola	Hydroporus striola	1						
	Hydroporus tristis	Hydroporus tristis	1						
	Hydroporus umbrosus	Hydroporus umbrosus	1						
	Hylurgops palliatus	Hylurgops palliatus	5						
	Agabus melanocornis	Ilybius montanus	3						
	Lathrobium brunnipes	Lathrobium (Lathrobium) brunnipes	6						
	Leistus rufescens	Leistus (Leistus) terminatus	9						
	Lesteva punctata	Lesteva punctata	8						
	Lesteva sicula subsp. heeri	Lesteva sicula subsp. heeri	1						
	Limnebius truncatellus	Limnebius truncatellus	9						
	Limnius volckmari	Limnius volckmari	9						
	Liogluta granigera	Liogluta granigera	1						
	Willow Leaf Beetle	Lochmaea caprea	6						
	Heather Beetle	Lochmaea suturalis	7						
	Loricera pilicornis	Loricera pilicornis	5						
	Paralister neglectus	Margarinotus (Paralister) neglectus	1						
	Common Pollen Beetle	Meligethes aeneus	2						
	Common Cockchafer	Melolontha melolontha	1						
	Small Heather Weevil	Micrelus ericae	4						
	Mycetoporus clavicornis	Mycetoporus clavicornis	1						
	Mycetoporus despectus	Mycetoporus despectus	3					1	
	Mycetoporus lepidus	Mycetoporus lepidus	4						
	Mycetoporus longicornis	Mycetoporus longicornis	2					1	
	Mycetoporus splendidus	Mycetoporus splendidus	2						
	Nargus velox	Nargus (Nargus) velox	1						
	Nebria (Boreonebria) rufescens	Nebria (Boreonebria) rufescens	4						
	Nebria gyllenhali	Nebria (Boreonebria) rufescens	1						
	Nebria brevicollis	Nebria (Nebria) brevicollis	2						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - beetle	Nebria salina	Nebria (Nebria) salina	2						
(Coleoptera)	Nephus redtenbacheri	Nephus redtenbacheri	3						
	Neuraphes elongatulus	Neuraphes (Neuraphes) elongatulus	3						
	Nicrophorus investigator	Nicrophorus investigator	2						
	Common Burying Beetle	Nicrophorus vespillo	1						
	Nicrophorus vespilloides	Nicrophorus vespilloides	9						
	Notiophilus biguttatus	Notiophilus biguttatus	2						
	Ocalea picata	Ocalea picata	2						
	Elodes marginata	Odeles marginata	1						
	Olophrum piceum	Olophrum piceum	8						
	Omalium rugatum	Omalium rugatum	1					1	1
	Oreodytes sanmarkii	Oreodytes sanmarkii	6						
	Othius laeviusculus	Othius laeviusculus	1						
	Raspberry Weevil	Otiorhynchus (Dorymerus) singularis	1						
	Oulimnius tuberculatus	Oulimnius tuberculatus	4						
	Oxypoda procerula	Oxypoda procerula	1						
	Pachytodes cerambyciformis	Pachytodes cerambyciformis	2						
	Patrobus assimilis	Patrobus assimilis	6						
	Philonthus decorus	Philonthus decorus	1						
	Philonthus laminatus	Philonthus laminatus	1						
	Philonthus marginatus	Philonthus marginatus	2						
	Philonthus nigrita	Philonthus nigrita	3						
	Philonthus varians	Philonthus varians	2						
	Brassy Willow Beetle	Phratora vitellinae	1						
	Silver-Green Leaf Weevil	Phyllobius (Dieletus) argentatus	1						
	Common Leaf Weevil	Phyllobius (Phyllobius) pyri	1						
	Pityogenes bidentatus	Pityogenes bidentatus	1						
	Platambus maculatus	Platambus maculatus	6						
	Plataraea brunnea	Plataraea brunnea	1						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - beetle	Plateumaris discolor	Plateumaris discolor	6						
(Coleoptera)	Plateumaris sericea	Plateumaris sericea	1						1
	Pselaphus heisei	Pselaphus heisei	3						1
	Pterostichus diligens	Pterostichus (Argutor) diligens	19						
	Pterostichus strenuus	Pterostichus (Argutor) diligens	1						
	Pterostichus adstrictus	Pterostichus (Bothriopterus) adstrictus	2						
	Pterostichus vernalis	Pterostichus (Lagarus) vernalis	1						
	Pterostichus melanarius	Pterostichus (Omaseus) melanarius	2						
	Pterostichus niger	Pterostichus (Platysma) niger	13						
	Pterostichus (Pseudomaseus) nigrita	Pterostichus (Pseudomaseus) nigrita	1						
	Pterostichus nigrita	Pterostichus (Pseudomaseus) rhaeticus	4						
	Pterostichus rhaeticus	Pterostichus (Pseudomaseus) rhaeticus	15						
	Pterostichus cristatus	Pterostichus (Pterostichus) cristatus	1					1	
	Black Clock	Pterostichus (Steropus) madidus	4						
	Rain-Clock	Pterostichus (Steropus) madidus	1						
	Pterostichus nigrita agg.	Pterostichus nigrita agg.	1						
	Quedius lateralis	Quedius (Microsaurus) lateralis	1						
	Quedius molochinus	Quedius (Quedius) balticus	5				1		
	Quedius curtipennis	Quedius (Quedius) curtipennis	2						
	Quedius fuliginosus	Quedius (Quedius) fuliginosus	1						
	Quedius molochinus	Quedius (Quedius) molochinus	8						
	Quedius boopoides	Quedius (Raphirus) boopoides	3						
	Quedius boops	Quedius (Raphirus) boops	5						
	Quedius maurorufus	Quedius (Raphirus) maurorufus	1						
	Quedius boops	Quedius (Raphirus) persimilis	4						
	Rhagonycha lignosa	Rhagonycha lignosa	1						
	Rhizophagus dispar	Rhizophagus (Rhizophagus) dispar	3						
	Schistoglossa gemina	Schistoglossa gemina	1					1	
	Sciodrepoides watsoni	Sciodrepoides watsoni	5						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
(Coleoptera)	Black Snail Beetle	Silpha atrata	1						
(Coleoptera)	Pea and Bean Weevil	Sitona (Sitona) lineatus	1						
	Staphylinus erythropterus	Staphylinus erythropterus	3						
	Stenus impressus	Stenus (Hemistenus) impressus	5						
	Stenus (Hypostenus) similis	Stenus (Hypostenus) similis	1						
	Stenus brevipennis	Stenus (Metatesnus) brevipennis	2						
	Nut Leaf Weevil	Strophosoma melanogrammum	1						
	Tachinus signatus	Tachinus rufipes	3						
	Tachyporus dispar	Tachyporus dispar	1						
	Tachyporus nitidulus	Tachyporus nitidulus	1						
	Thanatophilus rugosus	Thanatophilus rugosus	2						
	Large Pine-shoot Beetle	Tomicus piniperda	5						
	Trechus rivularis	Trechus (Epaphius) rivularis	5				1		1
	Trechus (Trechus) obtusus	Trechus (Trechus) obtusus	1						
	Trechus quadristriatus	Trechus (Trechus) quadristriatus	1						
	Lineated Bark Beetle	Trypodendron lineatum	1						
	Hairy Fungus Beetle	Typhaea stercorea	2						

Insect - butterfly	Small Tortoiseshell	Aglais urticae	146						
	Orange-tip	Anthocharis cardamines	35						
	Orange-Tip	Anthocharis cardamines subsp. britannica	1						
	Ringlet	Aphantopus hyperantus	63						
	Dark Green Fritillary	Argynnis aglaja	4						
	Small Pearl-bordered Fritillary	Boloria selene	63		1		1		1
	Green Hairstreak	Callophrys rubi	2						
	Small Heath	Coenonympha pamphilus	125						
	Large Heath	Coenonympha tullia	105	1	1	1	1		1
	Clouded Yellow	Colias croceus	3						
	Small Blue	Cupido minimus	2	1	1		1		1

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - butterfly	Scotch Argus	Erebia aethiops	1						
	Peacock	Inachis io	114						
	Small Copper	Lycaena phlaeas	11						
	Meadow Brown	Maniola jurtina	70						
	Meadow Brown	Maniola jurtina subsp. insularis	4						
	Marbled White	Melanargia galathea	2						
	Large Skipper	Ochlodes sylvanus	9						
	Large White	Pieris brassicae	24						
	Green-veined White	Pieris napi	520						
	Green-Veined White	Pieris napi subsp. britannica	6						
	Small White	Pieris rapae	36						
	Comma	Polygonia c-album	16						1
	Common Blue	Polyommatus icarus	45						
	Hedge Brown	Pyronia tithonus	1						
	Small Skipper	Thymelicus sylvestris	6						1
	Red Admiral	Vanessa atalanta	77						
Painted Lady	Vanessa cardui	40							

Insect - caddis fly	Anabolia nervosa	Anabolia nervosa	1						
(Trichoptera)	Chaetopteryx villosa	Chaetopteryx villosa	7						
	Halesus digitatus	Halesus digitatus	1						
	Halesus radiatus	Halesus radiatus	8						
	Hydropsyche instabilis	Hydropsyche instabilis	1						
	Hydropsyche pellucidula	Hydropsyche pellucidula	4						
	Hydropsyche siltalai	Hydropsyche siltalai	6						
	Limnephilidae	Limnephilidae	2						
	Limnephilus flavicornis	Limnephilus flavicornis	1						
	Odontocerum albicorne	Odontocerum albicorne	3						
	Plectrocnemia conspersa	Plectrocnemia conspersa	9						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - caddis fly	Polycentropus flavomaculatus	Polycentropus flavomaculatus	6						
(Trichoptera)	Rhyacophila dorsalis	Rhyacophila dorsalis	6						
	Rhyacophila obliterata	Rhyacophila obliterata	1						
	Sericostoma personatum	Sericostoma personatum	3						
	Sericostomatidae	Sericostomatidae	2						
	Tinodes waeneri	Tinodes waeneri	1						

Insect - dragonfly	Southern Hawker	Aeshna cyanea	2						1
(Odonata)	Common Hawker	Aeshna juncea	72						
	Hairy Dragonfly	Brachytron pratense	1						
	Azure Damselfly	Coenagrion puella	8						
	Golden-ringed Dragonfly	Cordulegaster boltonii	19						
	Common Blue Damselfly	Enallagma cyathigerum	16						
	Blue-tailed Damselfly	Ischnura elegans	9						
	Emerald Damselfly	Lestes sponsa	9						
	Four-spotted Chaser	Libellula quadrimaculata	1						
	Large Red Damselfly	Pyrrhosoma nymphula	34						
	Black Darter	Sympetrum danae	12						1
	Yellow-winged Darter	Sympetrum flaveolum	1						
	Common Darter	Sympetrum striolatum	3						

Insect -	Artichoke Gall	Andricus fecundator	1						
Hymenopteran	Anteon gaullei	Anteon gaullei	1						
	White-Tailed Bumble Bee	Bombus (Bombus) lucorum	83						
	Northern White-tailed Bumblebee	Bombus (Bombus) magnus	7						
	Small Garden Bumble Bee	Bombus (Megabombus) hortorum	13						
	Large Red Tailed Bumble Bee	Bombus (Melanobombus) lapidarius	4						
	Gipsy Cuckoo Bee	Bombus (Psithyrus) bohemicus	9						
	Heath Bumble Bee	Bombus (Pyrobombus) jonellus	6						1

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect -	Mountain Bumble Bee	<i>Bombus (Pyrobombus) monticola</i>	3						
Hymenopteran	Early Bumble Bee	<i>Bombus (Pyrobombus) pratorum</i>	8						
	Moss Carder-bee	<i>Bombus (Thoracobombus) muscorum</i>	11		1				
	Common Carder Bee	<i>Bombus (Thoracobombus) pascuorum</i>	54						
	Norwegian Wasp	<i>Dolichovespula (Pseudovespula) norwegica</i>	5						
	Formica lemani	<i>Formica lemani</i>	19						
	Small Black Ant	<i>Lasius niger</i>	3						
	Red Ant	<i>Myrmica rubra</i>	3						
	<i>Myrmica ruginodis</i>	<i>Myrmica ruginodis</i>	10						
	Silk-Button Spangle Gall	<i>Neuroterus numismalis</i>	1						
	Common Wasp	<i>Vespula (Paravespula) vulgaris</i>	19						
	Red Wasp	<i>Vespula (Vespula) rufa</i>	2						

Insect - lacewing	<i>Chrysopa septempunctata</i>	<i>Chrysopa pallens</i>	1						
(Neuroptera)	Chrysoperla carnea group	Chrysoperla carnea group	1						
	<i>Cunctochrysa albolineata</i>	<i>Cunctochrysa albolineata</i>	1						
	Hemerobius	Hemerobius	1						
	Hemerobius pini	<i>Hemerobius pini</i>	2						1
	Hemerobius simulans	<i>Hemerobius simulans</i>	2						1
	Hemerobius stigma	<i>Hemerobius stigma</i>	1						
	<i>Micromus paganus</i>	<i>Micromus paganus</i>	2						
	<i>Wesmaelius (Kimminisia) nervosus</i>	<i>Wesmaelius (Kimminisia) nervosus</i>	1						
	<i>Wesmaelius (Kimminisia) subnebulosus</i>	<i>Wesmaelius (Kimminisia) subnebulosus</i>	1						

Insect - mayfly	<i>Baetis rhodani</i>	<i>Baetis rhodani</i>	8						
(Ephemeroptera)	<i>Caenis rivulorum</i>	<i>Caenis rivulorum</i>	1						
	<i>Cloeon dipterum</i>	<i>Cloeon dipterum</i>	1						
	<i>Ecdyonurus</i>	<i>Ecdyonurus</i>	1						
	<i>Ecdyonurus torrentis</i>	<i>Ecdyonurus torrentis</i>	11						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - mayfly	Heptagenia lateralis	Electrogena lateralis	2						
(Ephemeroptera)	Grey Drake	Ephemera Danica	2						
	Habrophebia fusca	Habrophlebia fusca	1						
	Yellow May Dun	Heptagenia sulphuria	1						
	Leptophlebia vespertina	Leptophlebia vespertina	8						
	Southern Iron Blue	Nigobaetis niger	1		1				
	Paraleptophlebia submarginata	Paraleptophlebia submarginata	12						
	Rhithrogena	Rhithrogena	2						
	Rhithrogena semicolorata	Rhithrogena semicolorata	2						
	Blue-winged Olive	Serratella ignita	1						
	Siphonurus lacustris	Siphonurus lacustris	4						1

Insect - moth	Dark Spectacle	Abrostola triplasia	1						
	Rhomboid Button	Acleris rhombana	2						
	Sweet Gale Moth	Acronicta euphorbiae	1						
	Miller	Acronicta leporina	3						
	Light Knot Grass	Acronicta menyanthidis	8						
	Grey Dagger	Acronicta psi	3		1				
	Knot Grass	Acronicta rumicis	7		1				
	Green Long-horn	Adela reamurella	2						
	Thistle Conch	Aethes cnicana	2						
	Scarce Umber	Agriopis aurantiaria	2						
	Dotted Border	Agriopis marginaria	4						
	Straw Grass-veneer	Agriphila straminella	7						
	Common Grass-veneer	Agriphila tristella	12						
	Brick	Agrochola circellaris	1						
	Flounced Chestnut	Agrochola helvola	1		1				
	Red-line Quaker	Agrochola lota	1						
	Heart	Agrotis exclamationis	5						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
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Insect - moth	Mottled Beauty	<i>Alcis repandata</i>	6						
	Mottled Beauty	<i>Alcis repandata</i> subsp. <i>sodorenium</i>	1						
	Green-brindled Crescent	<i>Allophyes oxyacanthae</i>	2		1				
	Crinan Ear	<i>Amphipoea crinanensis</i>	1						
	Large Ear	<i>Amphipoea lucens</i>	2						
	Ear Moth	<i>Amphipoea oculaea</i>	4		1				
	Mouse Moth	<i>Amphipyra tragopoginis</i>	3		1				
	Green Arches	<i>Anaplectoides prasina</i>	3						
	Festooned Roller	<i>Ancylis geminana</i>	1						
	Bilberry Roller	<i>Ancylis myrtillana</i>	1						
	Common Nettle-tap	<i>Anthophila fabriciana</i>	1						
	Shoulder Stripe	<i>Anticlea badiata</i>	1						
	Streamer	<i>Anticlea derivata</i>	1						
	Grey Chi	<i>Antitype chi</i>	2						
	Clouded-Bordered Brindle	<i>Apamea crenata</i>	6						
	Confused	<i>Apamea furva</i>	2						
	Light Arches	<i>Apamea lithoxylaea</i>	1						
	Dark Arches	<i>Apamea monoglypha</i>	11						
	Dusky Brocade	<i>Apamea remissa</i>	6			1			
	Rustic Shoulder-knot	<i>Apamea sordens</i>	2						
	Timothy Tortrix	<i>Aphelia paleana</i>	1						
	Northern Grey Twist	<i>Aphelia unitana</i>	2						
	Black Rustic	<i>Aporophyla nigra</i>	3						
	Narrow-winged Marble	<i>Apotomis sororculana</i>	1						
	Garden Tiger	<i>Arctia caja</i>	2			1			
	Golden Argent	<i>Argyresthia goedartella</i>	5						
	Red-necked Footman	<i>Atolmis rubricollis</i>	3						
	Gold Spangle	<i>Autographa bractea</i>	3						
	Silver Y	<i>Autographa gamma</i>	8						

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				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - moth	Plain Golden Y	Autographa jota	2						
	Beautiful Golden Y	Autographa pulchrina	10						
	Rush Marble	Bactra lancealana	7						
	Peppered Moth	Biston betularia	6						
	Dark Brocade	Blepharita adusta	11		1				
	Minor Shoulder-Knot	Brachylomia viminalis	5		1				
	House Groundling	Bryotropha domestica	1						
	Bordered White	Bupalus piniaria	6						
	Common Wave	Cabera exanthemata	6						
	Common White Wave	Cabera pusaria	8						
	Yellow-triangle Slender	Caloptilia alchimiella	3						
	Red Birch Slender	Caloptilia betulicola	4						
	Pale Red Slender	Caloptilia elongella	4						
	Light Emerald	Campaea margaritata	2						
	Mottled Rustic	Caradrina morpheus	3		1				
	Black-speckled Groundling	Carpatolechia proximella	1						
	Manchester Treble-bar	Carsia sororiata	12						
	Manchester Treble-Bar	Carsia sororiata subsp. anglica	1						
	Chequered Grass-veneer	Catoptria falsella	1						1
	Silver-stripe Grass-veneer	Catoptria margaritella	6						
	Pearl-Band Grass Veneer	Catoptria margaritella subsp. margaritella	2						
	Haworth's Minor	Celaena haworthii	7		1				
	Common Marble	Celypha lacunana	3						
	Antler Moth	Cerapteryx graminis	12						
	Red Chestnut	Cerastis rubricosa	1						
	Puss Moth	Cerura vinula	5						
	Streak	Chesias legatella	1		1				
Latticed Heath	Chiasmia clathrata	10		1					
Dark Marbled Carpet	Chloroclysta citrata	11							

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Insect - moth	Autumn Green Carpet	<i>Chloroclysta miata</i>	3						
	Red-green Carpet	<i>Chloroclysta siterata</i>	2						
	Common Marbled Carpet	<i>Chloroclysta truncata</i>	5						
	Small Wainscot	<i>Chortodes pygmina</i>	6						
	Garden Grass-Veneer	<i>Chrysoteuchia culmella</i>	9						
	Chinese Character	<i>Cilix glaucata</i>	1						
	Brussels Lace	<i>Cleorodes lichenaria</i>	2						
	Gorse Case-bearer	<i>Coleophora albicosta</i>	1						
	Buff Rush Case-bearer	<i>Coleophora caespitiella</i>	1						
	Common Case-bearer	<i>Coleophora serratella</i>	3						
	Nut-tree Tussock	<i>Colocasia coryli</i>	2						1
	Mottled Grey	<i>Colostygia multistrigaria</i>	2						
	Green Carpet	<i>Colostygia pectinataria</i>	19						
	Chestnut	<i>Conistra vaccinii</i>	1						
	Dun-Bar	<i>Cosmia trapezina</i>	2						
	Purple Bar	<i>Cosmorhoe ocellata</i>	9						
	Hook-streak Grass-veneer	<i>Crambus lathoniellus</i>	4						
	Coronet	<i>Craniophora ligustri</i>	3						
	Scalloped Oak	<i>Crocallis elinguaris</i>	1						
	Shark	<i>Cucullia umbratica</i>	2						
	Elephant Hawk-moth	<i>Deilephila elpenor</i>	1						
	Burnished Brass	<i>Diachrysis chrysis</i>	5						
	Clouded Buff	<i>Diacrisia sannio</i>	4						1
	Purple Clay	<i>Diarsia brunnea</i>	8						
	Barred Chestnut	<i>Diarsia dahlii</i>	1						
	Ingrailed Clay	<i>Diarsia mendica</i>	13						
	Ingrailed Clay	<i>Diarsia mendica subsp. orkneyensis</i>	1						
	Small Square-Spot	<i>Diarsia rubi</i>	9		1				
	Little Grey	<i>Dipleurina lacustrata</i>	1						

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Insect - moth	Pebble Hook-tip	Drepana falcataria	3						
	Small Phoenix	Ecliptopera silaceata	5		1				
	Broken-barred Pigmy	Ectoedemia minimella	1						
	Large Birch Pigmy	Ectoedemia occultella	2						
	Spotted Black Pigmy	Ectoedemia subbimaculella	3						1
	Engrailed	Ectropis bistortata	2						
	Swan-feather Dwarf	Elachista argentella	1						
	Broken-barred Carpet	Electrophaes corylata	2						
	Brown China-mark	Elophila nymphaeata	1						
	Common Heath	Ematurga atomaria	5						
	Dusky Thorn	Ennomos fuscantaria	1		1				1
	August Thorn	Ennomos quercinaria	2		1				1
	Grey Mountain Carpet	Entephria caesiata	7		1				
	Pine Bell	Epinotia rubiginosana	1						
	White Sallow Bell	Epinotia subocellana	1						
	Common Spruce Bell	Epinotia tedella	1						
	Nut-bud Moth	Epinotia tenerana	1						
	Bordered Beauty	Epione repandaria	1						
	Common Carpet	Epirrhoe alternata	17						
	Galium Carpet	Epirrhoe galiata	1		1				
	Small Argent	Epirrhoe tristata	18						
	Autumnal Moth	Epirrita autumnata	1						
	Small Autumnal Moth	Epirrita filigrammaria	6						
	Mottled Umber	Erannis defoliaria	1						
	Early Purple	Eriocrania semipurpurella	2						
	Hoary Belle	Eucosma cana	2						
	Moorland Grey	Eudonia murana	1						
	Autumnal Rustic	Eugnorisma glareosa	5		1				
	Spinach	Eulithis mellinata	1		1				

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Insect - moth	Northern Spinach	<i>Eulithis populata</i>	11						
	Phoenix	<i>Eulithis prunata</i>	1						
	Barred Straw	<i>Eulithis pyraliata</i>	10						
	Chevron	<i>Eulithis testata</i>	9						
	Brindled Pug	<i>Eupithecia abbreviata</i>	2						
	Cloaked Pug	<i>Eupithecia abietaria</i>	1				1		1
	Wormwood Pug	<i>Eupithecia absinthiata</i>	1						
	Ling Pug	<i>Eupithecia absinthiata form goossensiata</i>	4						
	Currant Pug	<i>Eupithecia assimilata</i>	1						
	Mottled Pug	<i>Eupithecia exigua</i>	1						
	Tawny Speckled Pug	<i>Eupithecia icterata subsp. subfulvata</i>	1						
	Narrow-Winged Pug	<i>Eupithecia nanata</i>	6						
	Foxglove Pug	<i>Eupithecia pulchellata</i>	2						
	Satyr Pug	<i>Eupithecia satyrata</i>	3						
	Dwarf Pug	<i>Eupithecia tantillaria</i>	1						
	Valerian Pug	<i>Eupithecia valerianata</i>	1						1
	Common Pug	<i>Eupithecia vulgata</i>	4						
	Small Angle Shades	<i>Euplexia lucipara</i>	5						
	Drinker	<i>Euthrix potatoria</i>	1						
	Garden Dart	<i>Euxoa nigricans</i>	1		1				1
	Scalloped Hook-Tip	<i>Falcaria lacertinaria</i>	6						
	Sallow Kitten	<i>Furcula furcula</i>	3						
	Large Emerald	<i>Geometra papilionaria</i>	3						
	Plain Fanner	<i>Glyphipterix fuscoviridella</i>	1						
	Frosted Orange	<i>Gortyna flavago</i>	1						
	Common Slender	<i>Gracillaria syringella</i>	3						
	Double Dart	<i>Graphiphora augur</i>	6		1				
	White Cloaked Shoot	<i>Gypsonoma sociana</i>	1						1
	Shears	<i>Hada plebeja</i>	6						

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Insect - moth	Lychnis	Hadena bicruris	1						
	Common Emerald	Hemithea aestivaria	1						
	Orange Swift	Hepialus sylvina	1						
	July Highflyer	Hydriomena furcata	14						
	May Highflyer	Hydriomena impluviata	2						
	Barred Red	Hylaea fasciaria	9						
	Snout	Hypena proboscidalis	1						
	Marsh Oblique-barred	Hypenodes humidalis	1						
	Saxon	Hyppa rectilinea	15						1
	Riband Wave	Idaea aversata	2						
	Small Dusty Wave	Idaea seriata	2						
	Bright-Line Brown-Eye	Lacanobia oleracea	9						
	Pale-Shouldered Brocade	Lacanobia thalassina	5						
	Water Carpet	Lampropteryx suffumata	7						
	Poplar Hawk-moth	Laothoe populi	12						
	Oak Eggar	Lasiocampa quercus	1						1
	Northern Eggar	Lasiocampa quercus form callunae	20						
	Golden-rod Brindle	Lithomoia solidaginis	2						1
	Clouded Border	Lomaspilis marginata	10						
	True Lover's Knot	Lycophotia porphyrea	33						
	Tawny-barred Angle	Macaria liturata	2						
	Humming-bird Hawk-moth	Macroglossum stellatarum	5						
	Fox Moth	Macrothylacia rubi	15						
	Cabbage Moth	Mamestra brassicae	3						
	Broom Moth	Melanchra pisi	20		1				
	Common Rustic	Mesapamea secalis	5						
	Beautiful Carpet	Mesoleuca albicillata	1						
	Cloaked Minor	Mesoligia furuncula	1						
	White-barred Gold	Micropterix aruncella	1						

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Insect - moth	Yellow-barred Gold	<i>Micropterix aureatella</i>	5						
	Carrion Moth	<i>Monopis weaverella</i>	2						
	Old Lady	<i>Mormo maura</i>	4						
	Shoulder-striped Wainscot	<i>Mythimna comma</i>	3		1				
	Smoky Wainscot	<i>Mythimna impura</i>	11						
	Common Wainscot	<i>Mythimna pallens</i>	5						
	Yellow-barred Long-horn	<i>Nemophora degeerella</i>	1						
	Heather Groundling	<i>Neofaculta ericetella</i>	1						
	Lesser Yellow Underwing	<i>Noctua comes</i>	7						
	Large Yellow Underwing	<i>Noctua pronuba</i>	12						
	Rush Veneer	<i>Nomophila noctuella</i>	3						
	Iron Prominent	<i>Notodonta dromedarius</i>	2						
	Pebble Prominent	<i>Notodonta ziczac</i>	5						
	Muslin Footman	<i>Nudaria mundana</i>	2						
	Common Lutestring	<i>Ochropacha duplaris</i>	6						
	Flame Shoulder	<i>Ochroleura plecta</i>	13						
	Chimney Sweep	<i>Odezia atrata</i>	7						
	Scalloped Hazel	<i>Odontopera bidentata</i>	6						
	Northern Marble	<i>Olethreutes palustrana</i>	4						
	Middle-Barred Minor	<i>Oligia fasciuncula</i>	6						
	Marbled Minor	<i>Oligia strigilis</i>	2						
	Winter Moth	<i>Operophtera brumata</i>	4						
	Northern Winter Moth	<i>Operophtera fagata</i>	2						
	Brimstone Moth	<i>Opisthograptis luteolata</i>	10						
	Cinerous Pearl	<i>Opsibotys fuscalis</i>	1						
	Common Quaker	<i>Orthosia cerasi</i>	4						
	Hebrew Character	<i>Orthosia gothica</i>	9						
Clouded Drab	<i>Orthosia incerta</i>	2							
Dark Fruit-Tree Tortrix	<i>Pandemis heparana</i>	2							

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Insect - moth	Glaucous Shears	Papestra biren	6						
	Pale Mottled Willow	Paradrina clavipalpis	3						
	Wood Tiger	Parasemia plantaginis	11						
	Suspected	Parastichtis suspecta	1						
	Brown Birch Slender	Parornix betulae	3						
	Hazel Slender	Parornix devoniella	3						
	Willow Beauty	Peribatodes rhomboidaria	1						
	Small Rivulet	Perizoma alchemillata	4						
	Twin-spot Carpet	Perizoma didymata	16						
	Heath Rivulet	Perizoma minorata subsp. ericetata	1						
	Brown Silver-Line	Petrophora chlorosata	4						
	Buff-tip	Phalera bucephala	2						
	Map-winged Swift	Pharmacis fusconebulosa	5						
	Lesser Swallow Prominent	Pheosia gnoma	7						
	Swallow Prominent	Pheosia tremula	6						
	Pale Brindled Beauty	Phigalia pilosaria	2						
	Angle Shades	Phlogophora meticulosa	6						
	Small Dotted Buff	Photedes minima	10						
	Ruby Tiger	Phragmatobia fuliginosa	4						
	Nut Leaf Blister Moth	Phyllonorycter coryli	3						
	Hawthorn Midget	Phyllonorycter corylifoliella	3						
	White Oak Midget	Phyllonorycter harrisella	3						
	Pale Oak Midget	Phyllonorycter heegeriella	3						
	Beech Midget	Phyllonorycter maestingella	3						
	Common Thorn Midget	Phyllonorycter oxyacanthae	3						
	Common Oak Midget	Phyllonorycter quercifoliella	5						
Common Alder Midget	Phyllonorycter rajella	3							
Red Birch Midget	Phyllonorycter ulmifoliella	3							
Small Purple-barred	Phytometra viridaria	1						1	

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Insect - moth	Blue-bordered Carpet	<i>Plemyria rubiginata</i>	1						
	Gold Spot	<i>Plusia festucae</i>	1						
	Lempke's Gold Spot	<i>Plusia putnami</i>	2						
	Diamond-back Moth	<i>Plutella xylostella</i>	1						
	Grey Arches	<i>Polia nebulosa</i>	1						
	Green Silver-lines	<i>Pseudoips prasinana</i>	1						
	Coxcomb Prominent	<i>Ptilodon capucina</i>	7						
	Straw Dot	<i>Rivula sericealis</i>	2						
	Brown Rustic	<i>Rusina ferruginea</i>	12						
	Emperor Moth	<i>Saturnia pavonia</i>	14						
	Herald	<i>Scoliopteryx libatrix</i>	2						
	Common Grey	<i>Scoparia ambigualis</i>	7						
	Meadow Grey	<i>Scoparia pyralis</i>	3						
	Large Grey	<i>Scoparia subfusca</i>	2						
	Smoky Wave	<i>Scopula ternata</i>	1						
	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>	1		1				
	Pointed Groundling	<i>Scrobipalpa acuminatella</i>	1						1
	Early Thorn	<i>Selenia dentaria</i>	5						
	Lunar Thorn	<i>Selenia lunularia</i>	4						
	White Ermine	<i>Spilosoma lubricipeda</i>	9		1				
	Silver-barred Alder Pygmy	<i>Stigmella alnetella</i>	1						
	Black-headed Pygmy	<i>Stigmella atricapitella</i>	1						
	Coarse Hazel Pygmy	<i>Stigmella floslactella</i>	3						
	Beech Pygmy	<i>Stigmella hemargyrella</i>	3						
	Short-barred Pygmy	<i>Stigmella luteella</i>	3						
	Nut-tree Pygmy	<i>Stigmella microtheriella</i>	2						
	Small Beech Pygmy	<i>Stigmella tityrella</i>	3						
Anomalous	<i>Stilbia anomala</i>	4		1					
Dark-barred Twist	<i>Syndemis musculana</i>	2							

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Insect - moth	Scarce Silver Y	Syngrapha interrogationis	4						
	Spruce Carpet	Thera britannica	4						
	Grey Pine Carpet	Thera obeliscata	8						
	Early Moth	Theria primaria	2						
	Peach Blossom	Thyatira batis	2						
	Pale Eggar	Trichiura crataegi	5		1				
	Early Tooth-striped	Trichopteryx carpinata	1						
	Pale Straw Pearl	Udea lutealis	2						
	Olive Pearl	Udea olivalis	1						
	Welsh Wave	Venusia cambrica	3						
	Sallow	Xanthia ictertia	1		1				
	Pink-barred Sallow	Xanthia togata	1						
	Red Carpet	Xanthorhoe decoloraria	3		1				
	Flame Carpet	Xanthorhoe designata	12						
	Garden Carpet	Xanthorhoe fluctuata	4						
	Silver-ground Carpet	Xanthorhoe montanata	23						
	Moorland Groundling	Xenolechia aethiops	1						
	Heath Rustic	Xestia agathina	5		1				
	Dotted Clay	Xestia baja	10						
	Neglected Rustic	Xestia castanea	4		1				
	Setaceous Hebrew Character	Xestia c-nigrum	4						
	Six-Striped Rustic	Xestia sexstrigata	9						
	Double-square Spot	Xestia triangulum	3						
	Square-spot Rustic	Xestia xanthographa	6						
	Bird-cherry Ermine	Yponomeuta evonymella	4						
	Fan-foot	Zanclognatha tarsipennalis	1						
	Larch Tortrix	Zeiraphera griseana	1						
	Cock's-head Bell	Zeiraphera isertana	1						
	Spruce-bud Moth	Zeiraphera ratzeburgiana	1						

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Insect - moth	Narrow-bordered Five-spot Burnet	Zygaena lonicerae	1						

Insect - orthopteran	Field Grasshopper	Chorthippus brunneus	1						
	Meadow Grasshopper	Chorthippus parallelus	2						
	Bog Bush-cricket	Metrioptera brachyptera	1						
	Mottled Grasshopper	Myrmeleotettix maculatus	1						1
	Common Green Grasshopper	Omocestus viridulus	4						
	Common Ground Hopper	Tetrix undulata	2						1

Insect - stonefly	Amphinemura sulcicollis	Amphinemura sulcicollis	6						
(Plecoptera)	stoneflies	Capnia bifrons	1						
	Dinocras cephalotes	Dinocras cephalotes	1						
	Isoperla grammatica	Isoperla grammatica	3						
	Leuctra fusca	Leuctra fusca	5						
	Leuctra hippopus	Leuctra hippopus	12						
	Leuctra nigra	Leuctra nigra	3						
	Nemoura	Nemoura	1						
	Nemoura avicularis	Nemoura avicularis	10						
	Nemoura cinerea	Nemoura cinerea	7						
	Nemoura erratica	Nemoura erratica	1						1
	Perlodes microcephala	Perlodes microcephalus	3						
	Protonemura meyeri	Protonemura meyeri	8						
	Protonemura praecox	Protonemura praecox	1						
	Taeniopteryx nebulosa	Taeniopteryx nebulosa	5						

Insect - true bug	Callicorixa wollastoni	Callicorixa wollastoni	1						1
(Hemiptera)	Cixius similis	Cixius similis	2						
	Moorland Pondskater	Gerris (Gerris) costae	2						1
	Gerris thoracicus	Gerris (Gerris) thoracicus	3						

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Insect - true bug	Hesperocorixa sahlbergi	Hesperocorixa sahlbergi	2						
(Hemiptera)	Macustus grisescens	Macustus grisescens	6						
	Tyrphodelphax distinctus	Nothodelphax distinctus	1						
	Psammotettix nodosus	Psammotettix nodosus	1				1		
	Salda morio	Salda morio	1						
	Sigara nigrolineata	Sigara (Pseudovermicorixa) nigrolineata	1						
	Sigara limitata	Sigara (Retrocorixa) limitata	1						1
	Ulopa reticulata	Ulopa reticulata	6						
	Water Cricket	Velia (Plesiovelia) caprai	11						

Insect - true fly	Asphondylia ervi	Asphondylia ervi	2						
(Diptera)	Atherix	Atherix	2						
	Atrichosema aceris	Atrichosema aceris	1						
	Campsicnemus alpinus	Campsicnemus alpinus	1						
	Non-biting midges	Chironomidae	1						
	Chrysotoxum arcuatum	Chrysotoxum arcuatum	2						
	Coenosia paludis	Coenosia paludis	1				1		
	Coenosia trilineella	Coenosia trilineella	1					1	
	Oxypterum kirbyanum	Crataerina pallida	2						
	Dasineura urticae	Dasineura urticae	2						
	Diastata costata	Diastata costata	1						
	Dicranota	Dicranota	4						
	Didea fasciata	Didea fasciata	1					1	
	Empis verralli	Empis verralli	2						
	Marmalade Hoverfly	Episyrphus balteatus	6						
	Eriozona syrphoides	Eriozona syrphoides	1						
	Eristalis arbustorum	Eristalis arbustorum	4						
	Eristalis intricarius	Eristalis intricarius	3						
	Eristalis pertinax	Eristalis pertinax	9						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - true fly	Eristalis tenax	Eristalis tenax	2						
(Diptera)	Eupeodes corollae	Eupeodes corollae	1						
	Fannia	Fannia	1						
	Gymnocheta viridis	Gymnocheta viridis	2						
	Notch-horned Cleg	Haematopota pluvialis	4						
	Hartigiola annulipes	Hartigiola annulipes	3						
	Helophilus pendulus	Helophilus pendulus	2						
	Headfly	Hydrotaea irritans	1						
	Jaapiella veronicae	Jaapiella veronicae	2						
	Limnelliia surturi	Limnelliia surturi	1						
	Limnophila squalens	Limnophila squalens	1						
	Limonia nubeculosa	Limonia nubeculosa	1						
	Melanostoma mellinum	Melanostoma mellinum	1						
	Melanostoma scalare	Melanostoma scalare	3						
	Meliscaeva cinctella	Meliscaeva cinctella	3						
	Molophilus ater	Molophilus ater	2						
	Neuratelia nemoralis	Neuratelia nemoralis	1						
	Paragus tibialis	Paragus tibialis	1					1	
	Pedicia immaculata	Pedicia immaculata	1						
	Nupedia aestiva	Pegoplata aestiva	3						
	Platycheirus albimanus	Platycheirus albimanus	9						
	Downlooker Snipefly	Rhagio scolopaceus	1						
	Rhingia campestris	Rhingia campestris	2						
	Scaeva pyrastris	Scaeva pyrastris	1						
	Scathophaga furcata	Scathophaga furcata	1						
	Sericomyia lappona	Sericomyia lappona	5						
	Sericomyia silentis	Sericomyia silentis	17						
	Black flies	Simuliidae	1						
	Sphegina clunipes	Sphegina clunipes	2						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Insect - true fly	Syrphus ribesii	Syrphus ribesii	1						
(Diptera)	Syrphus torvus	Syrphus torvus	2						
	Thricops cunctans	Thricops cunctans	2						
	Cranefly	Tipulidae	1						
	Volucella bombylans	Volucella bombylans	4						
	Volucella pellucens	Volucella pellucens	2						
	Xylota coeruleiventris	Xylota jakutorum	4					1	
	Xylota segnis	Xylota segnis	6						
	Xylota tarda	Xylota tarda	1					1	

Spider (Araneae)	Agroeca proxima	Agroeca proxima	2						
	Agyneta decora	Agyneta decora	6						
	Alopecosa pulverulenta	Alopecosa pulverulenta	17						
	Antistea elegans	Antistea elegans	10						
	Aphileta misera	Aphileta misera	5						
	Garden Orb-Web Spider	Araneus diadematus	3						
	Araneus quadratus	Araneus quadratus	3						
	Araniella cucurbitina	Araniella cucurbitina	1						
	Bathyphantes gracilis	Bathyphantes gracilis	5						
	Bathyphantes nigrinus	Bathyphantes nigrinus	2						
	Bathyphantes parvulus	Bathyphantes parvulus	1						
	Centromerita bicolor	Centromerita bicolor	1						
	Centromerita concinna	Centromerita concinna	1						
	Centromerus arcanus	Centromerus arcanus	7						
	Centromerus prudens	Centromerus prudens	1						
	Ceratinella brevipes	Ceratinella brevipes	12						
	Clubiona diversa	Clubiona diversa	2						
	Clubiona lutescens	Clubiona lutescens	1						
	Clubiona neglecta	Clubiona neglecta	1						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Spider (Araneae)	Clubiona reclusa	Clubiona reclusa	3						
	Clubiona terrestris	Clubiona terrestris	1						
	Clubiona trivialis	Clubiona trivialis	6						
	Cnephalocotes obscurus	Cnephalocotes obscurus	4						
	Coelotes atropos	Coelotes atropos	1						
	Cryphoeca silvicola	Cryphoeca silvicola	1						
	Dicymbium nigrum	Dicymbium nigrum	1						
	Dicymbium tibiale	Dicymbium tibiale	2						
	Diplocephalus latifrons	Diplocephalus latifrons	3						
	Dismodicus bifrons	Dismodicus bifrons	3						
	Drassodes cupreus	Drassodes cupreus	6						
	Drepanotylus uncatus	Drepanotylus uncatus	1						
	Erigone atra	Erigone atra	2						
	Erigonella hiemalis	Erigonella hiemalis	1						
	Gonatium rubellum	Gonatium rubellum	2						
	Gonatium rubens	Gonatium rubens	7						
	Gongyliellum latebricola	Gongyliellum latebricola	3						
	Gongyliellum vivum	Gongyliellum vivum	3						
	Haplodrassus signifer	Haplodrassus signifer	1						
	Hypselistes jacksoni	Hypselistes jacksoni	9						
	Larinioides cornutus	Larinioides cornutus	1						
	Larinioides patagiatus	Larinioides patagiatus	1						
	Macrargus rufus	Macrargus rufus	2						
	Maso sundevalli	Maso sundevalli	5						
	Meioneta saxatilis	Meioneta saxatilis	8						
Metellina merianae	Metellina merianae	1							
Metellina segmentata	Metellina segmentata	1							
Metopobactrus prominulus	Metopobactrus prominulus	2							
Micrargus apertus	Micrargus apertus	5							

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Spider (Araneae)	Micrargus herbigradus	Micrargus herbigradus	3						
	Microlinyphia pusilla	Microlinyphia pusilla	2						
	Minyriolus pusillus	Minyriolus pusillus	1						
	Moebelia penicillata	Moebelia penicillata	1						
	Monocephalus fuscipes	Monocephalus fuscipes	4						
	Neon reticulatus	Neon reticulatus	1						
	Linyphia peltata	Neriene peltata	1						
	Swamp Lookout Spider	Notioscopus sarcinatus	6		1				
	Lepthyphantes obscurus	Obscuriphantes obscurus	1						
	Oedothorax retusus	Oedothorax retusus	2						
	Ozyptila trux	Ozyptila trux	9						
	Pachygnatha clercki	Pachygnatha clercki	1						
	Pachygnatha degeeri	Pachygnatha degeeri	2						
	Lepthyphantes ericaeus	Palliduphantes ericaeus	2						
	Pardosa amentata	Pardosa amentata	1						
	Pardosa lugubris	Pardosa lugubris	1						
	Pardosa monticola	Pardosa monticola	1						
	Pardosa nigriceps	Pardosa nigriceps	14						
	Pardosa palustris	Pardosa palustris	2						
	Pardosa pullata	Pardosa pullata	14						
	Pelecopsis mengei	Pelecopsis mengei	11						
	Pelecopsis parallela	Pelecopsis parallela	1						
	Peponocranium ludicrum	Peponocranium ludicrum	2						
	Pirata piraticus	Pirata piraticus	13						
	Pirata uliginosus	Pirata uliginosus	12						
	Pocadicnemis pumila	Pocadicnemis pumila	14						
	Porrhomma pallidum	Porrhomma pallidum	1						
	Robertus arundineti	Robertus arundineti	4						
	Robertus lividus	Robertus lividus	10						
	Saaristoa abnormis	Saaristoa abnormis	6						

Taxonomic Group	Common name	Latin name	No. Records	UK Law	Other designations UK				
				W5	BAP priority	BAP N'land	Red list	Notable B	NRDB
Spider (Araneae)	Cloud-living Spider	Semljicola caliginosus	1		1				1
	Silometopus elegans	Silometopus elegans	13						
	Stemonyphantes lineatus	Stemonyphantes lineatus	2						
	Tallusia experta	Tallusia experta	4						
	Tapinopa longidens	Tapinopa longidens	1						
	Lepthyphantes alacris	Tenuiphantes alacris	4						
	Lepthyphantes flavipes	Tenuiphantes flavipes	1						
	Lepthyphantes mengei	Tenuiphantes mengei	9						
	Lepthyphantes tenuis	Tenuiphantes tenuis	1						
	Lepthyphantes zimmermanni	Tenuiphantes zimmermanni	9						
	Tetragnatha extensa	Tetragnatha extensa	1						
	Trichopterna thorelli	Trichopterna thorelli	1						
	Trochosa ruricola	Trochosa ruricola	2						
	Trochosa terricola	Trochosa terricola	15						
	Walckenaeria	Walckenaeria	5						
	Walckenaeria acuminata	Walckenaeria acuminata	7						
	Walckenaeria antica	Walckenaeria antica	4						
	Walckenaeria atrotibialis	Walckenaeria atrotibialis	6						
	Walckenaeria cuspidata	Walckenaeria cuspidata	1						
	Walckenaeria kochi	Walckenaeria kochi	11						
	Walckenaeria nudipalpis	Walckenaeria nudipalpis	8						
	Xysticus cristatus	Xysticus cristatus	3						
Harvestman	Mitopus morio	Mitopus morio	1						
(Opiliones)	Nemastoma bimaculatum	Nemastoma bimaculatum	4						
	Oligolophus tridens	Oligolophus tridens	2						
	Platybunus triangularis	Platybunus triangularis	2						
	Rilaena triangularis	Platybunus triangularis	2						
Totals			4723	2	41	2	7	12	40

		Ald		But	Cad	Dra		Lace	May		Gr	Stone	True	True		Harv	
		Flie	Beetle	Flys	Flies	Flie	Bee	Wing	Flies	Moth	Hop	Flies	Bugs	Flies	Spiders	Men	
Total species	789	2	183	27	18	13	21	10	16	307	6	15	13	56	100	2	
W5	2			2													<1%
BAP Priority	41			3			1		1	34					2		5%
BAP N'land	2			1										1			<1%
Red list	7		2	3						1			1				1%
Notable B	12		7											5			2%
NRDB	40		7	5		2	1	2	1	15	2	1	3		1		5%
Total records	4723	8	609	1531	62	187	262	13	58	1303	11	67	38	144	419	11	

Abbreviations used for insects- see section 5 for an explanation of designations

W5	Wildlife and Countryside Act schedule 5
BAP Priority	Uk Biodiversity Plan priority species
BAP N'land	Northumberland Biodiversity Action Plan
Red list	Species recorded in less than 15 10km squares
NotableB	Species recorded from 16 - 100 10K squares
NRDB	Northumberland Red Data Book

6.7 Miscellaneous groups

Taxonomic Group	Common name	Latin name	No. Records	EU Protection	UK Law	Other designations UK		
				EHD	WS	BAP Priority	BAP N'land	NRDB
Amphibians	Common Toad	Bufo bufo	34		1	1		1
	Palmate Newt	Lissotriton helveticus	6		1			1
	Common Frog	Rana temporaria	90		1			1
	Great Crested Newt	Triturus cristatus	1	1	1	1	1	1
Reptiles	Adder	Vipera berus	18		1	1		1
	Common Lizard	Zootoca vivipara	38		1	1		
Bony fish (Actinopterygii)	European Eel	Anguilla anguilla	42			1		
	Stone Loach	Barbatula barbatula	61					
	Three-spined Stickleback	Gasterosteus aculeatus	12					
	Minnow	Phoxinus phoxinus	35					
	Atlantic Salmon	Salmo salar	36	1		1	1	1
	Brown/Sea Trout	Salmo trutta	24			1		
	Brown Trout	Salmo trutta subsp. fario	43			1	1	
	Sea Trout	Salmo trutta subsp. trutta	1			1	1	
Jawless fish (Agnatha)	Lamprey Sp.	Lampetra	3					1
	Brook Lamprey	Lampetra planeri	6	1				1
Crustacean	Common Pill Woodlouse	Armadillidium vulgare	1					
	Gammarus pulex	Gammarus pulex	7					
	Oniscus asellus	Oniscus asellus	2					
Acari - Mites and Ticks	Eriophyes padi	Eriophyes padi	1					
	Hedgehog Tick	Ixodes (Ixodes) hexagonus	1					

Taxonomic Group	Common name	Latin name	No. Records	EU protection	UK Law	Other designations UK		
				EHD	W5	BAP priority	BAP N'land	NRDB
Acari - Mites and Ticks	Sheep Tick	Ixodes (Ixodes) ricinus	3					
annelids - ringed worms	Square-Tailed Worm	Eiseniella tetraedra	4					
	Erpobdella testacea	Erpobdella testacea	1					
	Helobdella stagnalis	Helobdella stagnalis	1					
Totals			131	3	6	9	4	8

				B	J				
		Amph	Rept	Fish	Fish	Crust	Acari	Annal	
Total species	25	4	2	8	2	3	3	3	
EHD	3	1		1	1				1%
W5	6	4	2						2%
BAP Priority	9	2	2	5					4%
BAP Northumberland	4	1		3					2%
NRDB	8	4	1	1	2				3%
Total Records		131	56	254	9	10	5	6	

Abbreviations used for miscellaneous groups - see section 5 for explanation of designations

EHD	European Habitats Directive
W5	Wildlife and Countryside Act schedule 5
BAP Priority	Biodiversity Action Plan priority list
BAP N'land	Northumberland Biodiversity Action Plan
NRDB	Northumberland Red Data book

7. List of Habitats of importance

Grid Ref.	Record source	Location	Habitat	Description	SAC	RAM	NNR	SSSI	AWR	LoW
NT64508000	FC	The Knares	Mire	Blanket bog- Kielder Mires SSSI pt	1			1		
NT67407880	FC	Muckle Samuels Moss	Mire	Border Mire _ Kielder Mires SSSI pt	1			1		
NT69107940	FC	Coom Rigg Moss	Mire	Border Mire _ Kielder Mires SSSI pt	1	1	1	1		
NT66207950	FC	The Shanks	Mire	Border Mire _ Kielder Mires SSSI pt	1	1		1		
NT65007700	FC	Paddaburn Moss	Mire	Border Mire _ Kielder Mires SSSI pt	1			1		
NT68007970	FC	Chirdon Burn Moss	Mire	Border Mire _ Kielder Mires SSSI pt	1			1		
NT68608230	FC	Bolts Law complex	Mire	Border Mire _ Kielder Mires SSSI pt	1			1		
NT69308140	FC	Chirdon Head Moss	Mire	Border Mire _ Kielder Mires SSSI pt	1			1		
NT69809880	FC	Emblehope Moor	Moorland/ Mire	Kielderhead and Emblehope Moors SSSI pt				1		
NT79308690	NNP	Greenhaugh Meadow	Haymeadow	Some doubt about quality				1		
NT76708630	NNP	Thorneyburn meadow	Haymeadow	Interesting flowers + grasses				1		
NT76808330	NNP	Andrews Cleugh	Woodland	Birch, hazel, alder - mosses				1		
NT81478330	NWT	Sundaysight Cleugh	Woodland	Mixed oak, birch ash, good vegetation						1
NT75228254	NWT	Chirdon Burn	Tall Herb	Orchids, meadow sweet, kingcups						1
NT78358855	NWT	Tarset Burn	Mixed W+G	Woodland,moorland,pasture, meadow						1
NT80058339	NWT	Carrith Dene	Woodland	Birch,oak,alder,rowan - open						1
NT68327900	NWT	Muckle Samuels Crag	Crag/lichen	Good selection of lichens						1
NT75108593	NWT	S Stokoe -R Tyne		No description						1
NT69158110	FC	Shilling Pot	Mire	Border Mire						
NT69828165	FC	Chirdonhead 2 Moss	Mire	Border Mire						
NT71408027	FC	Mary's Rigg	Mire	Border Mire						
NT69757835	FC	Muckle Gowany Knowe	Mire	Border Mire						
NT69007748	FC	Yellow Mire	Mire	Border Mire						
NT68558005	FC	Chirdon Hope Moss	Mire	Border Mire						
NT71609210	FC	Earls Seat	Mire	Border Mire						
NT62707980	FC	Jamies Lodge	Mire	Border Mire						
NT66008120	FC	Birky Grains 1	Mire	Border Mire						
NT65708160	FC	Birky Grains 2	Mire	Border Mire						
NT67258135	FC	Whickhope Nick Pt	Mire	Border Mire						

Grid Ref.	Record Source	Location	Habitat	Description	SAC	RAM	NNR	SSSI	AWR	LoW
NT74808530	NNP	Stokoe crags W wood	Woodland	Birch wet woodland					1	
NT75508560	NNP	Stokoe Crags East 1	Woodland	Birch, hazel						
NT75008550	NNP	Stokoe Crags (N of)	Woodland	Birch, rowan - poor flora					1	
NT75208550	NNP	Stokoe Crags (E of)	Tall Herb	Orchids, meadow sweet, ragged robin						
NT75608560	NNP	Stokoe Crags (NE of)	Tall Herb	Orchids, meadow sweet, ragged robin						
NT75308560	NNP	Stokoe E /W edge	Woodland	Oak - poor flora					1	
NT75708590	NNP	Stokoe Crags East 2	Woodland	Riverside woodland corridor						
NT75608580	NNP	Stokoe Crags waterfall	Geology	Mosses						
NT75308680	NNP	Ryeclose Burn wood	Woodland	Alder wet woodland					1	
NT75508670	NNP	Ryeclose Wood	Woodland	PAWs - Oak, birch					1	
NT75008670	NNP	Rough Cleugh	Woodland	Oak, with birch,hazel,alder						
NT75108170	NNP	Dummys Hole	Woodland	Waterfall, birch, willow						
NT75508590	NNP	Donkleywood Riverside	Woodland	No information						
NT75008590	NNP	Donkleywood Riverside	Woodland	Riverside woodland corridor						
NT75808670	NNP	Crag House	Woodland	Woods around farm						
NT76108250	NNP	Coal Cleugh	Woodland	Remnant AW alder, birch						
NT76208660	NNP	Low Thorneyburn	Pond	Marsh, pond, tree planting						
NT76408680	NNP	Thorneyburn	Woodland	Steep sided cleugh- no tree info available					1	
NT76608600	NNP	Low Thorneyburn	Tall Herb	Orchids, sharp flowered rush						
NT78608770	NNP	Thorneyburn church	Species	Bat roost						
NT78708770	NNP	Thorneyburn	Woodland	Old willow coppice, birch,hazel						
NT78708750	NNP	Thorney Burn	Woodland	Upland ash and Birch wet woodland					1	
NT76708570	NNP	West Greystead wood	Woodland	No information						
NT77008580	NNP	West Greystead wood	Woodland	Oak, birch- species poor flora						
NT77108570	NNP	Greystead Church	Species	Bat roost						
NT77408620	NNP	Rushend A	Haymeadow	20 + spp - orchids						
NT77108620	NNP	Rushend B	Haymeadow	20 plus species						
NT76708650	NNP	Rushend C,D, E	Haymeadow	3 meadows						
NT76708700	NNP	Rushend F	Haymeadow	Species poor						
NT77808620	NNP	Rushend Wood	Woodland	Old and dead trees? - grazing						
NT76808280	NNP	Whitchester Crags	Geology	Tilting/erosion of sandstone						

Grid Ref.	Record Source	Location	Habitat	Description	SAC	RAM	NNR	SSSI	AWR	LoW
NT77508180	NNP	Whitcheater Moor	Mire	undrained mire - large heath						
NT77608310	NNP	Whitcheater Quarry	Wildflower	Record for Dianthus deltoides!!						
NT77108430	NNP	Dally Castle	Woodland	Birch, alder, ash species poor flora						
NT77309040	NNP	Gilliehill Clints	Woodland	Birch - species poor flora					1	
NT77708900	NNP	Sidwood	Woodland	FC - BL woods, verges, open rides						
NT77808480	NNP	Christmas wood	Woodland	Birch, few oak, species poor flora						
NT77909120	NNP	Limestone slack	Grassland	Species rich marsh						
NT78108870	NNP	Dunstead scar wood	Woodland	Birch, rowan, beech, conifer						
NT78209220	NNP	Broad Sike Moss	Mire	No information						
NT78209240	NNP	Black Burn(Ridley Shiel)	Grassland	Damp neutral - orchids						
NT78708640	NNP	High Boughthill	Meadow	Reasonable! Yellow rattle on S edge						
NT78808800	TAG	Thorneyburn church- Tarsset Burn	Verge	24+species of wildflower						
NT78708860	NNP	Marlpot Wood	Woodland	Birch,alder,hazel + swamp vegetation						
NT78709080	NNP	Belling Rigg mire	Mire	No information						
NT78808620	NNP	Redmire	Woodland	No information						
NT79008700	NNP	Boughthill Mill Wood	Woodland	Birch/alder wet woodland						
NT79108790	NNP	Burnbank meadow	Haymeadow	Haymeadow with wet areas						
NT79109220	NNP	Blackburn Common	Mire	Between Great and Little Dodd						
NT79108910	NNP	Diamond Cottage field	Grassland	Acid grassland, important waxcap site						
NT79208670	NNP	Boughthill Meadow	Haymeadow	No information						
NT79208810	NNP	Sneep farm	Wetland	Marsh between west and central fields						
NT79308820	NNP	Sneep farm meadows	Haymeadow	3 neutral grassland meadows						
NT79308260	NNP	Mesling Crags	Geology	Inland sandstone cliffs						
NT79408430	NNP	High Carriteth Wood	Woodland	Birch, oak ,alder, aspen along R. Tyne						
NT79408680	NNP	Blackheugh wood	Woodland	Partly semi natural wet birch wood						
NT79508710	NNP	Greenhaugh	Haymeadow	No information						
NT79508830	NNP	Sneep Wood	Woodland	Next to Tarret Burn - dominated by birch						
NT79808730	NNP	Lancey's Cleugh	Woodland	Narrow cleugh - part conifer - good flora						
NT79908660	NNP	Highlake	Wetland	Artificial lake sedges, mosses, birch						
NT79908880	NNP	Tarret Burn	Tall Herb	Mixed, rushes, mosses, heaths						

Grid Ref.	Record Source	Location	Habitat	Description	SAC	RAM	NNR	SSSI	AWR	LoW
NT80809190	NNP	Tarret Burn	Tall Herb	Sedges, eyebrights						
NT79909030	NNP	Burdonside E	Woodland	Mixed planting on neutral grassland						
NT80309090	NNP	Goften Cleugh (n of)	Haymeadow	2 fields - mixed acid, neutral, calcareous						
NT80509130	NNP	Gimmerstone Wood	Woodland	Tarret Burn - Pt birch, pt Scots pine						
NT80709010	NNP	Burdonside	Haymeadow	Small fenced meadow e of farm						
NT80808840	NNP	Cat Cleugh	Geology/plants	Ravine - rocks, mosses, D deltoides?						
NT80809350	NNP	Gibshiel farm flushes	Wetland	Some rarer spp - north facing						
NT81309360	NNP	Gorless Crags (Sof)	Mire	described as spp rich wet heath						
NT81509270	NNP	North Padon Bog	Mire	Extensive mire area next to P Way						
NT82009200	NNP	Little Potter Moss	Mire	Wet heath/ degraded blanket bog						
NT82509150	NNP	Blackheugh End	Mire	Degraded blanket bog						
NT82809080	NNP	Whitely Pike	Mire	Degraded blanket bog						

Total number of Sites	103	
SACs	8	8%
RAMSAR	2	2%
NNRs	1	1%
SSSIs	12	12%
AWRs	8	8%
LoWs	6	6%

Abbreviations used

see section 5 for explanation of designations

SAC - Special area of conservation

RAMSAR - Ramsar convention wetland site of international importance

NNR - National Nature Reserve

SSSI - Site of Special Scientific Interest

AWR - Ancient Woodland register site

LoW - Local wildlife site

