

# Plants with special protection

Species shown in **bold** are those known to occur in Scotland

| [Vascular plants](#) | [Mosses](#) | [Liverworts](#) | | [Lichens](#) | [Fungi](#) | [Stoneworts](#) |

PLANTS AND FUNGI PROTECTED BY SPECIAL PENALTIES (Schedule 8 Wildlife & Countryside Act 1981)	
VASCULAR PLANTS	
<i>Ajuga chamaepitys</i>	Ground Pine
<i>Alisma gramineum</i>	Ribbon-leaved Water-plantain
<i>Allium sphaerocephalon</i>	Round-headed Leek
<i>Althaea hirsuta</i>	Rough Marsh-mallow
<i>Alyssum alyssoides</i>	Small Alison
<i>Apium repens</i> *	Creeping Marshwort
<b><i>Arabis alpina</i></b>	<b>Alpine Rock-cress</b>
<i>Arabis scabra (stricta)</i>	Bristol Rock-cress
<b><i>Arenaria norvegica</i></b>	<b>Norwegian Sandwort</b>
<i>Artemisia campestris</i>	Field Wormwood

<i>Atriplex pendunculata</i>	Stalked Orache
<i>Bupleurum baldense</i>	Small Hare's-ear
<i>Bupleurum falcatum</i>	Sickle-Leaved Hare's-ear
<i>Carex depauperata</i>	Starved Wood-sedge
<i>Centaureum tenuiflorum</i>	Slender Centaury
<i>Cephalanthera rubra</i>	Red Helleborine
<i>Chenopodium vulvaria</i>	Stinking Goosefoot
<b><i>Cicerbita alpina</i></b>	<b>Alpine Sow-thistle</b>
<i>Clinopodium menthifolium</i>	Wood Calamint
<i>Coincya wrightii</i>	Lundy Cabbage
<i>Corrigiola litoralis</i>	Strapwort
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster
<b><i>Crassula aquatica</i></b>	<b>Pigmyweed</b>
<i>Crepis foetida</i>	Stinking Hawk's-beard
<i>Cynoglossum germanicum</i>	Green Hound's-tongue

<i>Cyperus fuscus</i>	Brown Galingale
<i>Cypripedium calceolus</i> *	Lady's-Slipper Orchid
<i>Cystopteris dickieana</i>	<b>Dickie's Bladder Fern</b>
<i>Dactylorhiza lapponica</i>	<b>Lapland Marsh-orchid</b>
<i>Damasonium alisma</i>	Starfruit
<i>Dianthus gratianopolitanus</i>	Cheddar Pink
<i>Dianthus armeria</i> #	<b>Deptford Pink</b>
<i>Diapensia lapponica</i>	<b>Diapensia</b>
<i>Eleocharis parvula</i>	<b>Dwarf Spike-rush</b>
<i>Epipactis youngiana</i>	<b>Young's Helleborine</b>
<i>Epipogium aphyllum</i>	Ghost Orchid
<i>Equisetum ramosissimum</i>	Branched Horsetail
<i>Erigeron borealis</i>	<b>Alpine Fleabane</b>
<i>Eriophorum gracile</i>	Slender Cottongrass
<i>Eryngium campestre</i>	Field Eryngo

<i>Filago lutescens</i>	Red-tipped Cudweed
<i>Filago pyramidata</i>	Broad-leaved Cudweed
<i>Fumaria reuteri (martinii)</i>	Martin's Ramping-fumitory
<i>Gagea bohemica</i>	Early Star of Bethlehem
<b><i>Gentiana nivalis</i></b>	<b>Alpine Gentian</b>
<i>Gentiana verna</i>	Spring Gentian
<i>Gentianella anglica</i> *	Early Gentian
<i>Gentianella ciliata</i>	Fringed Gentian
<b><i>Gentianella uliginosa</i></b>	<b>Dune Gentian</b>
<i>Gladiolus illyricus</i>	Wild Gladiolus
<i>Gnaphalium luteoalbum</i>	Jersey Cudweed
<b><i>Hieracium attenuatifolium</i></b>	<b>Weak-leaved Hawkweed</b>
<b><i>Hieracium northroense</i></b>	<b>Northroe Hawkweed</b>
<b><i>Hieracium zetlandicum</i></b>	<b>Shetland Hawkweed</b>
<i>Himantoglossum hircinum</i>	Lizard Orchid

<i>Homogyne alpina</i>	<b>Purple Colt's-oot</b>
<i>Hyacinthoides non-scripta</i> <sup>4</sup>	<b>Bluebell</b>
<i>Lactuca saligna</i>	Least Lettuce
<i>Leersia oryzoides</i>	Cut-Grass
<i>Limosella australis</i>	Welsh Mudwort
<i>Liparis loeselii</i> *	Fen Orchid
<i>Lloydia serotina</i>	Snowdon Lily
<i>Luronium natans</i> *	<b>Floating Water-plantain</b>
<i>Lythrum hyssopifolia</i>	Grass-poly
<i>Melampyrum arvense</i>	Field Cow-wheat
<i>Mentha pulegium</i>	Pennyroyal
<i>Minuartia stricta</i>	Teesdale Sandwort
<i>Najas flexilis</i> *	<b>Slender Naiad</b>
<i>Najas marina</i>	Holly-Leaved Naiad
<i>Ononis reclinata</i>	<b>Small Restharrow</b>

<i>Ophioglossum lusitanicum</i>	Least Adder's-tongue
<i>Ophrys fuciflora</i>	Late Spider-orchid
<i>Ophrys sphegodes</i>	Early Spider-orchid
<i>Orchis militaris</i>	Military Orchid
<i>Orchis simia</i>	Monkey Orchid
<i>Orobanche artemisiae campestris</i>	Oxtongue Broomrape
<i>Orobanche caryophyllacea</i>	Bedstraw Broomrape
<i>Orobanche reticulata</i>	Thistle Broomrape
<i>Petroraghia nanteuillii</i>	Childing Pink
<b><i>Phyllodoce caerulea</i></b>	<b>Blue Heath</b>
<i>Phyteuma spicatum</i>	Spiked Rampion
<b><i>Polygonatum verticillatum</i></b>	<b>Whorled Solomon's-seal</b>
<i>Polygonum maritimum</i>	Sea Knotgrass
<b><i>Potentilla rupestris</i></b>	<b>Rock Cinquefoil</b>
<i>Pulicaria vulgaris</i>	Small Fleabane

<i>Pyrus cordata</i>	Plymouth Pear
<i>Ranunculus ophioglossifolius</i>	Adder's-tongue Spearwort
<b><i>Rhinanthus serotinus</i></b>	<b>Greater Yellow-rattle</b>
<i>Romulea columnae</i>	Sand Crocus
<i>Rumex rupestris</i> *	Shore Dock
<i>Salvia pratensis</i>	Meadow Clary
<b><i>Saxifraga cernua</i></b>	<b>Drooping Saxifrage</b>
<b><i>Saxifraga cespitosa</i></b>	<b>Tufted Saxifrage</b>
<b><i>Saxifraga hirculus</i></b> *	<b>Yellow Marsh Saxifrage</b>
<i>Scirpus triqueter</i>	Triangular Club-rush
<i>Scleranthus perennis</i>	Perennial Knawel
<i>Scorzonera humilis</i>	Viper's Grass
<i>Selinum carvifolia</i>	Cambridge Milk-parsley
<i>Senecio paludosus</i>	Fen Ragwort
<i>Stachys alpina</i>	Limestone Woundwort

<i>Stachys germanica</i>	Downy Woundwort
<i>Tephrosieris integrifolia</i>	South Stack Fleawort
<i>Teucrium botrys</i>	Cut-leaved Germander
<i>Teucrium scordium</i>	Water Germander
<i>Thlaspi perfoliatum</i>	Perfoliate Penny-cress
<b><i>Trichomanes speciosum</i> *</b>	<b>Killarney Fern</b>
<i>Veronica spicata</i>	Spiked Speedwell
<i>Veronica triphyllos</i>	Fingered Speedwell
<i>Viola persicifolia</i>	Fen Violet
<b><i>Woodsia alpina</i></b>	<b>Alpine Woodsia</b>
<b><i>Woodsia ilvensis</i></b>	<b>Oblong Woodsia</b>
<b>MOSSES</b>	
<i>Acaulon triquetrum</i>	Triangular Pygmy-moss
<b><i>Anomodon longifolius</i></b>	<b>Long-leaved Anomodon</b>
<b><i>Bartramia stricta</i></b>	<b>Rigid Apple-moss</b>

<i>Bryum mamillatum</i>	Dune Thread-moss
<i>Bryum neodamense</i>	<b>Long-leaved Thread-moss</b>
<i>Bryum schleicheri</i>	<b>Schleicher's Thread-moss</b>
<i>Buxbaumia viridis*</i>	<b>Green Shield-moss</b>
<i>Cryphaea lamyana</i>	Multi-Fruited River-moss
<i>Cyclodictyon laetevirens</i>	<b>Bright-green Cave-moss</b>
<i>Desmatodon cernuus</i>	Flamingo Moss
<i>Didymodon cordata</i>	Cordate Beard-moss
<i>Didymodon glauca</i>	Glaucous Beard-moss
<i>Ditrichum cornubicum</i>	Cornish Path-moss
<i>Grimmia unicolor</i>	<b>Blunt-leaved Grimmia</b>
<i>Hamatocaulis (Drepanocladus) vernicosus*</i>	<b>Slender Green Feather-moss</b>
<i>Hygrohypnum polare</i>	<b>Polar Feather-moss</b>
<i>Hypnum vaucheri</i>	<b>Vaucher's Feather-moss</b>

<i>Micromitrium tenerum</i>	Millimetre Moss
<i>Mielichhoferia mielichhoferi</i>	Alpine Copper-moss
<i>Orthotrichum obtusifolium</i>	Blunt-leaved Bristle-moss
<i>Plagiothecium piliferum</i>	Hair Silk-moss
<i>Rhynchostegium rotundifolium</i>	Round-Leaved Feather-moss
<i>Saelania glaucescens</i>	Blue Dew-moss
<i>Scorpidium turgescens</i>	Large Yellow Feather-moss
<i>Sphagnum balticum</i>	Baltic Bog-moss
<i>Thamnobryum angustifolium</i>	Derbyshire Feather-moss
<i>Zygodon forsteri</i>	Knothole Moss
<i>Zygodon gracilis</i>	Nowell's Limestone-moss

## LIVERWORTS

*Adelanthus lindenbergianus*

Lindenberg's Leafy Liverwort

*Geocalyx graveolens*

Turpswort

<i>Gymnomitrion apiculatum</i>	<b>Pointed Frostwort</b>
<i>Jamesoniella undulifolia</i>	<b>Marsh Earwort</b>
<i>Lophozia (Leiocolea) rutheana</i>	Norfolk Flapwort
<i>Marsupella profunda*</i>	Western Rustwort
<i>Petalophyllum ralfsii</i>	<b>Petalwort</b>
<i>Riccia bifurca</i>	Lizard Crystalwort
<i>Southbya nigrella</i>	Blackwort

## LICHENS

<i>Alectoria ochroleuca</i>	<b>Alpine Sulphur-tresses</b>
<i>Bryoria furcellata</i>	<b>Forked Hair-lichen</b>
<i>Buellia asterella</i>	Starry Breck-lichen
<i>Caloplaca luteoalba</i>	<b>Orange-Fruited Elm-lichen</b>
<i>Caloplaca nivalis</i>	<b>Snow Caloplaca</b>
<i>Catapyrenium psoromoides</i>	<b>Tree Catapyrenium</b>

<i>Catillaria laureri</i>	Laurer's Catillaria
<i>Catolechia wahlenbergii</i>	<b>Goblin Lights</b>
<i>Cladonia convoluta</i>	Convolutated Cladonia
<i>Cladonia stricta</i>	<b>Upright Mountain-cladonia</b>
<i>Collema dichotomum</i>	<b>River Jelly-lichen</b>
<i>Enterographa elaborata</i>	New Forest Beech-lichen
<i>Gyalecta ulmi</i>	<b>Elm Gyalecta</b>
<i>Heterodermia leucomelos</i>	Ciliate Strap-lichen
<i>Heterodermia propagulifera</i>	Coralloid Rosette-lichen
<i>Lecanactis hemisphaerica</i>	Churchyard Lecanactis
<i>Lecanora achariana</i>	<b>Tarn Lecanora</b>
<i>Lecidea inops</i>	Copper Lecidea
<i>Nephroma arcticum</i>	<b>Arctic Kidney-lichen</b>
<i>Pannaria ignobilis</i>	<b>Caledonian Pannaria</b>
<i>Parmelia minarum</i>	New Forest Parmelia

<i>Parmentaria chilensis</i>	<b>Oil-stain Parmentaria</b>
<i>Peltigera lepidophora</i>	<b>Ear-lobed Dog-lichen</b>
<i>Pertusaria bryontha</i>	<b>Alpine Moss-pertusaria</b>
<i>Physcia tribacioides</i>	Southern Grey Physcia
<i>Pseudocyphellaria lacerata</i>	Ragged Pseudocyphellaria
<i>Psora rubiformis</i>	<b>Rusty Alpine Psora</b>
<i>Solenopsora liparina</i>	Serpentine Solenopsora
<i>Squamarina lentigera</i>	Scaly Breck-Lichen
<i>Teloschistes flavicans</i>	Golden Hair-Lichen

## FUNGI

<i>Battarraea phalloides</i>	Sandy Stilt Puffball
<i>Boletus regius</i>	Royal Bolete
<i>Buglossoporus pulvinus</i>	Oak Polypore
<i>Hericiium erinaceum</i>	Bearded Tooth

## STONEWORTS

<i>Chara canescens</i>	<b>Bearded Stonewort</b>
<i>Lamprothamnium papulosum</i>	Foxtail Stonewort

\* A European protected species.

# Protected in England and Wales only (a species believed to have been introduced to Scotland).

<sup>4</sup> Protected only against selling, offering or advertising for sale, possessing or transporting for the purpose of sale only.