

Appendix A12.1: Scientific Names

1 Purpose of Appendix

1.1.1 This appendix presents a full list of species names mentioned in Chapter 12 (Ecology and Nature Conservation) and associated appendices for plants (Table 1) and animals (Table 2). All higher plant names (common and scientific) are taken from Stace (2010). All bryophyte names (common and scientific) are taken from Atherton et al. (2010). All bird names (common and scientific) are taken from British Ornithologists' Union (2013).

Table 1: Species names of plants

Common name	Scientific name
Higher Plants	
Alder	<i>Alnus glutinosa</i>
Ash	<i>Fraxinus excelsior</i>
Autumn hawkbit	<i>Scorzoneroides autumnalis</i>
Beech	<i>Fagus sylvatica</i>
Bell heather	<i>Erica cinerea</i>
Bent sp.	<i>Agrostis sp.</i>
Bilberry	<i>Vaccinium myrtillus</i>
Birch sp.	<i>Betula sp.</i>
Bird cherry	<i>Prunus padus</i>
Bitter-vetch	<i>Lathyrus linifolius</i>
Bladder campion	<i>Silene vulgaris</i>
Bloody crane's-bill	<i>Geranium sanguineum</i>
Bog asphodel	<i>Narthecium ossifragum</i>
Bog-myrtle	<i>Myrica gale</i>
Bog pondweed	<i>Potamogeton polygonifolius</i>
Bracken sp.	<i>Pteridium aquilinum</i>
Broad-leaved dock	<i>Rumex obtusifolius</i>
Broad-leaved helleborine	<i>Epipactis helleborine</i>
Broad-leaved pondweed	<i>Potamogeton natans</i>
Broom	<i>Cytisus scoparius</i>
Brown bog-rush	<i>Schoenus ferrugineus</i>
Buttercup sp.	<i>Ranunculus sp.</i>
Carnation sedge	<i>Carex panicea</i>
Cat's-ear	<i>Hypochaeris radicata</i>
Cherry sp.	<i>Prunus sp.</i>
Cock's-foot	<i>Dactylis glomerata</i>
Columbine	<i>Aquilegia vulgaris</i>
Common bent	<i>Agrostis capillaris</i>
Common bird's-foot-trefoil	<i>Lotus corniculatus</i>
Common butterwort	<i>Pinguicula vulgaris</i>
Common centaury	<i>Centaurium erythraea</i>
Common chickweed	<i>Stellaria media</i>
Common cottongrass	<i>Eriophorum angustifolium</i>
Common dog-violet	<i>Viola riviniana</i>
Common duckweed	<i>Lemna minor</i>
Common knapweed	<i>Centaurea nigra</i>
Common mouse-ear	<i>Cerastium fontanum</i>

Common name	Scientific name
Common nettle	<i>Urtica dioica</i>
Common ragwort	<i>Senecio jacobaea</i>
Common restharrow	<i>Ononis repens</i>
Common rock-rose	<i>Helianthemum nummularium</i>
Common sedge	<i>Carex nigra</i>
Common sorrel	<i>Rumex acetosa</i>
Compact rush	<i>Juncus conglomeratus</i>
Cow parsley	<i>Anthriscus sylvestris</i>
Crack-willow	<i>Salix fragilis</i>
Creeping bent	<i>Agrostis stolonifera</i>
Creeping buttercup	<i>Ranunculus repens</i>
Creeping soft-grass	<i>Holcus mollis</i>
Creeping thistle	<i>Cirsium arvense</i>
Creeping willow	<i>Salix repens</i>
Crested dog's-tail	<i>Cynosurus cristatus</i>
Cross-leaved heath	<i>Erica tetralix</i>
Crosswort	<i>Cruciata laevipes</i>
Daisy	<i>Bellis perennis</i>
Deergrass	<i>Trichophorum germanicum</i>
Devil's-bit scabious	<i>Succisa pratensis</i>
Dog's mercury	<i>Mercurialis perennis</i>
Downy birch	<i>Betula pubescens</i>
Dwarf birch	<i>Betula nana</i>
English elm	<i>Ulmus procera</i>
Eyebright sp.	<i>Euphrasia sp.</i>
Fairy flax	<i>Linum catharticum</i>
False brome	<i>Brachypodium sylvaticum</i>
False oat-grass	<i>Arrhenatherum elatius</i>
Fescue sp.	<i>Festuca sp.</i>
Field gentian	<i>Gentianella campestris</i>
Field wood-rush	<i>Luzula campestris</i>
Foxglove	<i>Digitalis purpurea</i>
Germander speedwell	<i>Veronica chamaedrys</i>
Glaucous sedge	<i>Carex flacca</i>
Goat's-beard	<i>Tragopogon pratensis</i>
Grass-of-Parnassus	<i>Parnassia palustris</i>
Great wood-rush	<i>Luzula sylvatica</i>
Ground-elder	<i>Aegopodium podagraria</i>
Goat willow	<i>Salix caprea</i>
Hard-fern	<i>Blechnum spicant</i>
Harebell	<i>Campanula rotundifolia</i>
Hawthorn	<i>Crataegus monogyna</i>
Hazel	<i>Corylus avellana</i>
Heath bedstraw	<i>Galium saxatile</i>
Heath milkwort	<i>Polygala serpyllifolia</i>
Heath rush	<i>Juncus squarrosus</i>
Heath speedwell	<i>Veronica officinalis</i>
Heath wood-rush	<i>Luzula multiflora</i>
Heather	<i>Calluna vulgaris</i>

Common name	Scientific name
Hedge woundwort	<i>Stachys sylvatica</i>
Helleborine	<i>Epipactis sp.</i>
Hogweed	<i>Heracleum sphondylium</i>
Herb-Robert	<i>Geranium robertianum</i>
Japanese knotweed	<i>Fallopia japonica</i>
Jointed rush	<i>Juncus articulatus</i>
Smooth meadow-grass	<i>Poa pratensis</i>
Knotweed sp.	<i>Fallopia sp.</i>
Lady's bedstraw	<i>Galium verum</i>
Lady's-mantle	<i>Alchemilla vulgaris agg.</i>
Lesser spearwort	<i>Ranunculus flammula</i>
Lesser stitchwort	<i>Stellaria graminea</i>
Lily-of-the-valley	<i>Convallaria majalis</i>
Marsh helleborine	<i>Epipactis palustris</i>
Marsh-orchid	<i>Dactylorhiza sp.</i>
Marsh-marigold	<i>Caltha palustris</i>
Marsh thistle	<i>Cirsium palustre</i>
Marsh violet	<i>Viola palustris</i>
Mat-grass	<i>Nardus stricta</i>
Meadow buttercup	<i>Ranunculus acris</i>
Meadow crane's-bill	<i>Geranium pratense</i>
Meadow oat-grass	<i>Amphibromus pratensis</i>
Meadow vetchling	<i>Lathyrus pratensis</i>
Meadowsweet	<i>Filipendula ulmaria</i>
Melancholy thistle	<i>Cirsium heterophyllum</i>
Monkeyflower	<i>Mimulus guttatus</i>
Mouse-ear-hawkweed	<i>Pilosella officinarum</i>
Nipplewort	<i>Lapsana communis</i>
Northern bedstraw	<i>Galium boreale</i>
Oak sp.	<i>Quercus sp.</i>
Perennial rye-grass	<i>Lolium perenne</i>
Petty whin	<i>Genista anglica</i>
Pignut	<i>Conopodium majus</i>
Pineappleweed	<i>Matricaria discoidea</i>
Pine sp.	<i>Pinus sp.</i>
Purple moor-grass	<i>Molinia caerulea</i>
Pyramidal orchid	<i>Anacamptis pyramidalis</i>
Quaking-grass	<i>Briza media</i>
Raspberry	<i>Rubus idaeus</i>
Red clover	<i>Trifolium pratense</i>
Red fescue	<i>Festuca rubra</i>
Reflexed stonecrop	<i>Sedum rupestre</i>
Rhododendron	<i>Rhododendron ponticum</i>
Ribwort plantain	<i>Plantago lanceolata</i>
Rosebay willowherb	<i>Chamerion angustifolium</i>
Rough meadow-grass	<i>Poa trivialis</i>
Round-leaved sundew	<i>Drosera rotundifolia</i>
Rowan	<i>Sorbus aucuparia</i>
Rush	<i>Juncus spp.</i>

Common name	Scientific name
Salad burnet	<i>Sanguisorba minor</i>
Scots pine	<i>Pinus sylvestris</i>
Sedge sp.	<i>Carex sp.</i>
Selfheal	<i>Prunella vulgaris</i>
Sessile oak	<i>Quercus petraea</i>
Sheep's-fescue	<i>Festuca ovina</i>
Sheep's sorrel	<i>Rumex acetosella</i>
Silver birch	<i>Betula pendula</i>
Silverweed	<i>Potentilla anserina</i>
Slender St John's-wort	<i>Hypericum pulchrum</i>
Sneezewort	<i>Achillea ptarmica</i>
Snowberry	<i>Symphoricarpos albus</i>
Soft downy-rose	<i>Rosa mollis</i>
Soft-rush	<i>Juncus effusus</i>
Spear thistle	<i>Cirsium vulgare</i>
Spreading bellflower	<i>Campanula patula</i>
Star sedge	<i>Carex echinata</i>
Sweet vernal-grass	<i>Anthoxanthum odoratum</i>
Tall fescue	<i>Festuca arundinacea</i>
Thyme sp.	<i>Thymus sp.</i>
Timothy	<i>Phleum pratense</i>
Tormentil	<i>Potentilla erecta</i>
Tufted vetch	<i>Vicia cracca</i>
Violet sp.	<i>Viola sp.</i>
Wavy hair-grass	<i>Deschampsia flexuosa</i>
White clover	<i>Trifolium repens</i>
Wild angelica	<i>Angelica sylvestris</i>
Wild thyme	<i>Thymus polytrichus</i>
Wood avens	<i>Geum urbanum</i>
Wood sage	<i>Teucrium scorodonia</i>
Wood-sorrel	<i>Oxalis acetosella</i>
Wood vetch	<i>Vicia sylvatica</i>
Wych elm	<i>Ulmus glabra</i>
Yarrow	<i>Achillea millefolium</i>
Yellow-rattle	<i>Rhinanthus minor</i>
Yellow saxifrage	<i>Saxifragaceae aizoides</i>
Yorkshire-fog	<i>Holcus lanatus</i>
Mosses	
Big shaggy-moss	<i>Rhytidiadelphus triquetrus</i>
Common water moss	<i>Fontinalis antipyretica</i>
Curled hook-moss	<i>Palustriella commutata</i>
Glittering wood-moss	<i>Hylocomium splendens</i>
Haircap	<i>Polytrichum sp.</i>
Lustrous bog-moss	<i>Sphagnum subnitens</i>
Sphagnum	<i>Sphagnum sp.</i>
Ferns	
Adder's-tongue fern	<i>Ophioglossum sp.</i>
Bracken	<i>Pteridium aquilinum</i>

Common name	Scientific name
Male-fern	<i>Dryopteris filix-mas</i>
Algae	
Green algae	<i>Cladophora glomerata</i>

Table 2: Species names of animals

Common name	Scientific name
Birds	
Barn owl	<i>Tyto alba</i>
Blackbird	<i>Turdus merula</i>
Blackcap	<i>Sylvia atricapilla</i>
Black grouse	<i>Tetrao tetrix</i>
Black-headed gull	<i>Chroicocephalus ridibundus</i>
Blue tit	<i>Cyanistes caeruleus</i>
Brambling	<i>Fringilla montifringilla</i>
Bullfinch	<i>Pyrrhula pyrrhula</i>
Buzzard	<i>Buteo buteo</i>
Capercaillie	<i>Tetrao urogallus</i>
Carrion crow	<i>Corvus corone</i>
Chaffinch	<i>Fringilla coelebs</i>
Chiffchaff	<i>Phylloscopus collybita</i>
Coal tit	<i>Parus ater</i>
Collared dove	<i>Streptopelia decaocto</i>
Common crossbill	<i>Loxia curvirostra</i>
Common gull	<i>Larus canus</i>
Common sandpiper	<i>Actitis hypoleucos</i>
Coot	<i>Fulica atra</i>
Cuckoo	<i>Cuculus canorus</i>
Curlew	<i>Numenius arquata</i>
Dipper	<i>Cinclus cinclus</i>
Duncock	<i>Prunella modularis</i>
Fieldfare	<i>Turdus pilaris</i>
Garden warbler	<i>Sylvia borin</i>
Goldcrest	<i>Regulus regulus</i>
Goldfinch	<i>Carduelis carduelis</i>
Golden eagle	<i>Aquila chrysaetos</i>
Goosander	<i>Mergus merganser</i>
Great spotted woodpecker	<i>Dendrocopos major</i>
Great tit	<i>Parus major</i>
Green woodpecker	<i>Picus viridis</i>
Greenfinch	<i>Carduelis chloris</i>
Greylag goose	<i>Anser anser</i>
Grey wagtail	<i>Motacilla cinerea</i>
Hen harrier	<i>Circus cyaneus</i>
House martin	<i>Delichon urbicum</i>
House sparrow	<i>Passer domesticus</i>
Jackdaw	<i>Corvus monedula</i>
Jay	<i>Garrulus glandarius</i>
Kestrel	<i>Falco tinnunculus</i>

Common name	Scientific name
Kingfisher	<i>Alcedo atthis</i>
Lapwing	<i>Vanellus vanellus</i>
Lesser redpoll	<i>Carduelis cabaret</i>
Long-tailed tit	<i>Aegithalos caudatus</i>
Magpie	<i>Pica pica</i>
Mallard	<i>Anas platyrhynchos</i>
Meadow pipit	<i>Anthus pratensis</i>
Mistle thrush	<i>Turdus viscivorus</i>
Moorhen	<i>Gallinula chloropus</i>
Oystercatcher	<i>Haematopus ostralegus</i>
Peregrine	<i>Falco peregrinus</i>
Pheasant	<i>Phasianus colchicus</i>
Pied flycatcher	<i>Ficedula hypoleuca</i>
Pied wagtail	<i>Motacilla alba</i>
Pink-footed goose	<i>Anser brachyrhynchus</i>
Raven	<i>Corvus corax</i>
Red-breasted merganser	<i>Mergus serrator</i>
Red grouse	<i>Lagopus lagopus</i>
Red kite	<i>Milvus milvus</i>
Redstart	<i>Phoenicurus phoenicurus</i>
Redwing	<i>Turdus iliacus</i>
Reed bunting	<i>Emberiza schoeniclus</i>
Robin	<i>Erithacus rubecula</i>
Rook	<i>Corvus frugilegus</i>
Siskin	<i>Carduelis spinus</i>
Skylark	<i>Alauda arvensis</i>
Snipe	<i>Gallinago gallinago</i>
Song thrush	<i>Turdus philomelos</i>
Sparrowhawk	<i>Accipiter nisus</i>
Spotted flycatcher	<i>Muscicapa striata</i>
Starling	<i>Sturnus vulgaris</i>
Stock dove	<i>Columba oenas</i>
Stonechat	<i>Saxicola torquata</i>
Swallow	<i>Hirundo rustica</i>
Treecreeper	<i>Certhia familiaris</i>
Tree pipit	<i>Anthus trivialis</i>
Tufted duck	<i>Aythya fuligula</i>
Wheatear	<i>Oenanthe oenanthe</i>
Whinchat	<i>Saxicola rubetra</i>
Whitethroat	<i>Sylvia communis</i>
Willow warbler	<i>Phylloscopus trochilus</i>
Woodpigeon	<i>Columba palumbus</i>
Wood warbler	<i>Phylloscopus sibilatrix</i>
Wren	<i>Troglodytes troglodytes</i>
Yellowhammer	<i>Emberiza citrinella</i>
Mammals	
American mink	<i>Neovison vison</i>
Badger	<i>Meles meles</i>

Common name	Scientific name
Brown long-eared bat	<i>Plecotus auritus</i>
Common pipistrelle	<i>Pipistrellus pipistrellus</i>
Daubenton's bat	<i>Myotis daubentonii</i>
Deer	<i>Cervidae</i> family
Eurasian beaver	<i>Castor fiber</i>
Grey squirrel	<i>Sciurus carolinensis</i>
Natterer's bat	<i>Myotis nattereri</i>
Nathusius' pipistrelle	<i>Pipistrellus nathusii</i>
Otter	<i>Lutra lutra</i>
Pine marten	<i>Martes martes</i>
Red squirrel	<i>Sciurus vulgaris</i>
Roe deer	<i>Capreolus capreolus</i>
Scottish wildcat	<i>Felis silvestris</i>
Soprano pipistrelle	<i>Pipistrellus pygmaeus</i>
Water vole	<i>Arvicola amphibius</i>
Whiskered bat	<i>Myotis mystacinus</i>
Reptiles	
Adder	<i>Vipera berus</i>
Common lizard	<i>Zootoca vivipara</i>
Slow worm	<i>Anguis fragilis</i>
Fish	
Atlantic salmon	<i>Salmo salar</i>
Brook lamprey	<i>Lampetra planeri</i>
Brown (sea) trout	<i>Salmo trutta</i>
European chub	<i>Squalius cephalus</i>
European eel	<i>Anguilla anguilla</i>
River lamprey	<i>Lampetra fluviatilis</i>
Sea lamprey	<i>Petromyzon marinus</i>
Invertebrates	
Aquatic beetle	<i>Oreodytes davisii</i>
Caddisfly	<i>Potamophylax rotundipennis</i>
Freshwater pearl mussel	<i>Margaritifera margaritifera</i>
Geyer's whorl snail	<i>Vertigo geyeri</i>
Golden-ringed dragonfly	<i>Cordulegaster boltonii</i>
Northern damselfly	<i>Coenagrion hastulatum</i>
Northern silver-stiletto fly	<i>Spiriverpa lunulata</i>
Marsh fritillary (butterfly)	<i>Euphydryas aurinia</i>
Round-mouthed whorl snail	<i>Vertigo genesii</i>
Small dark yellow underwing (moth)	<i>Anarta cordigera</i>
Stonefly	<i>Leuctra moselyi</i>
Stonefly	<i>Nemoura dubitans</i>
Stonefly	<i>Protonemura meyeri</i>
Wood ant	<i>Formica aquilonia</i>

2 References

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