

Appendix A12.1: Scientific Names

1 Purpose of Appendix

- 1.1 This appendix presents a full list of species names mentioned in Chapter 12 (Ecology & 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 bird names (common and scientific) are taken from British Ornithologists' Union (2017).

Table 1: Species names of plants

Common name	Scientific name
Higher Plants	
Alder	<i>Alnus glutinosa</i>
Ash	<i>Fraxinus excelsior</i>
Beech	<i>Fagus sylvatica</i>
Bell heather	<i>Erica cinerea</i>
Birch sp.	<i>Betula</i> sp.
Bird cherry	<i>Prunus padus</i>
Bittersweet	<i>Solanum dulcamara</i>
Blackthorn	<i>Prunus spinosa</i>
Bladder-sedge	<i>Carex vesicaria</i>
Bluebell	<i>Hyacinthoides non-scripta</i>
Bottle sedge	<i>Carex rostrata</i>
Bramble	<i>Rubus fruticosus</i> agg.
Broom	<i>Cytisus scoparius</i>
Broad-leaved dock	<i>Rumex obtusifolius</i>
Broad-leaved willowherb	<i>Epilobium montanum</i>
Bugle	<i>Ajuga reptans</i>
Cleavers	<i>Galium aparine</i>
Climbing corydalis	<i>Ceratocarpus claviculata</i>
Cock's-foot	<i>Dactylis glomerata</i>
Colt's-foot	<i>Tussilago farfara</i>
Common bent	<i>Agrostis capillaris</i>
Common bird's-foot-trefoil	<i>Lotus corniculatus</i>
Common dog-violet	<i>Viola riviniana</i>
Common knapweed	<i>Centaurea nigra</i>
Common lime	<i>Tilia x europaea</i>
Common marsh-bedstraw	<i>Galium palustre</i>
Common nettle	<i>Urtica dioica</i>
Common ragwort	<i>Senecio jacobaea</i>
Common reed	<i>Phragmites australis</i>
Compact rush	<i>Juncus conglomeratus</i>
Copper beech	<i>Fagus sylvatica</i> f. <i>purpurea</i>
Corn mint	<i>Mentha arvensis</i>
Cow parsley	<i>Anthriscus sylvestris</i>
Crack-willow	<i>Salix fragilis</i>
Crane's-bill sp.	<i>Geranium</i> sp.
Creeping buttercup	<i>Ranunculus repens</i>
Creeping-jenny	<i>Lysimachia nummularia</i>
Creeping thistle	<i>Cirsium arvense</i>

Common name	Scientific name
Cross-leaved heath	<i>Erica tetralix</i>
Cypress sp.	<i>Cupressaceae</i> sp.
Daffodil	<i>Narcissus pseudonarcissus</i>
Dog-rose	<i>Rosa canina</i>
Dog's mercury	<i>Mercurialis perennis</i>
Douglas fir	<i>Pseudotsuga menziesii</i>
Downy birch	<i>Betula pubescens</i>
Elder	<i>Sambucus nigra</i>
Elm	<i>Ulmus</i> sp.
Enchanter's-nightshade	<i>Circaea lutetiana</i>
European larch	<i>Larix decidua</i>
False brome	<i>Brachypodium sylvaticum</i>
False oat-grass	<i>Arrhenatherum elatius</i>
Fescue sp.	<i>Festuca</i> sp.
Field maple	<i>Acer campestre</i>
Flowering rush	<i>Butomus umbellatus</i>
Forget-me-not sp.	<i>Myosotis</i> sp.
Foxglove	<i>Digitalis purpurea</i>
Germander speedwell	<i>Veronica chamaedrys</i>
Giant hogweed	<i>Heracleum mantegazzianum</i>
Gorse sp.	<i>Ulex</i> sp.
Greater plantain	<i>Plantago major</i>
Greater stitchwort	<i>Stellaria holostea</i>
Greater tussock-sedge	<i>Carex paniculata</i>
Grey willow	<i>Salix cinerea</i>
Ground-elder	<i>Aegopodium podagraria</i>
Ground-ivy	<i>Glechoma hederacea</i>
Hazel	<i>Corylus avellana</i>
Hawthorn	<i>Crataegus monogyna</i>
Heather	<i>Calluna vulgaris</i>
Hedge woundwort	<i>Stachys sylvatica</i>
Herb-Robert	<i>Geranium robertianum</i>
Himalayan balsam*	<i>Impatiens glandulifera</i>
Hogweed	<i>Heracleum sphondylium</i>
Honeysuckle	<i>Lonicera periclymenum</i>
Japanese knotweed	<i>Fallopia japonica</i>
Larch sp.	<i>Larix</i> sp.
Lesser stitchwort	<i>Stellaria graminea</i>
Mat-grass	<i>Nardus stricta</i>
Meadow-grass sp.	<i>Poa</i> sp.
Musk-mallow	<i>Malva moschata</i>
Northern bedstraw	<i>Galium boreale</i>
Northern marsh-orchid	<i>Dactylorhiza purpurella</i>
Norway spruce	<i>Picea abies</i>
Oak sp.	<i>Quercus</i> sp.
Pedunculate oak	<i>Quercus robur</i>
Perennial rye-grass	<i>Lolium perenne</i>
Perforate St John's-wort	<i>Hypericum perforatum</i>
Pignut	<i>Conopodium majus</i>

Common name	Scientific name
Pineappleweed	<i>Matricaria discoidea</i>
Pink purslane	<i>Claytonia sibirica</i>
Prickly sedge	<i>Carex muricata</i>
Primrose	<i>Primula vulgaris</i>
Purple moor-grass	<i>Molinia caerulea</i>
Raspberry	<i>Rubus idaeus</i>
Red campion	<i>Silene dioica</i>
Red fescue	<i>Festuca rubra</i>
Reed canary-grass	<i>Phalaris arundinacea</i>
Common Rhododendron	<i>Rhododendron ponticum</i>
Ramsons	<i>Allium ursinum</i>
Ribwort plantain	<i>Plantago lanceolata</i>
Rose sp.	<i>Rosa</i> sp.
Rosebay willowherb	<i>Chamerion angustifolium</i>
Rowan	<i>Sorbus aucuparia</i>
Salmonberry	<i>Rubus spectabilis</i>
Selfheal	<i>Prunella vulgaris</i>
Scots pine	<i>Pinus sylvestris</i>
Silver birch	<i>Betula pendula</i>
Silvery crocus	<i>Crocus biflorus</i>
Sitka spruce	<i>Picea sitchensis</i>
Snowdrop	<i>Galanthus</i> sp.
Soft-rush	<i>Juncus effusus</i>
Sycamore	<i>Acer pseudoplatanus</i>
Tansy	<i>Tanacetum vulgare</i>
Thistle sp.	<i>Cirsium</i> sp.
Tufted hair-grass	<i>Deschampsia cespitosa</i>
Tufted vetch	<i>Vicia cracca</i>
Variiegated yellow archangel	<i>Lamium galeobdolon</i> ssp. <i>argentatum</i>
Violet sp.	<i>Viola</i> sp.
Water forget-me-not	<i>Myosotis scorpioides</i>
Water horsetail	<i>Equisetum fluviatile</i>
Water mint	<i>Mentha aquatica</i>
Water-plantain	<i>Alisma plantago-aquatica</i>
Wavy hair-grass	<i>Deschampsia flexuosa</i>
Water-starwort sp.	<i>Callitriche</i> sp.
White clover	<i>Trifolium repens</i>
White dead-nettle	<i>Lamium album</i>
Wild cherry	<i>Prunus avium</i>
Wild strawberry	<i>Fragaria vesca</i>
Willow sp.	<i>Salix</i> sp.
Wood anemone	<i>Anemone nemorosa</i>
Wood avens	<i>Geum urbanum</i>
Wood sage	<i>Teucrium scorodonia</i>
Wood-sorrel	<i>Oxalis acetosella</i>
Wych elm	<i>Ulmus glabra</i>
Yorkshire-fog	<i>Holcus lanatus</i>

Common name	Scientific name
Ferns	
Bracken	<i>Pteridium aquilinum</i>
Lady-fern	<i>Athyrium filix-femina</i>
Male-fern	<i>Dryopteris filix-mas</i>
Mosses and Liverworts	
Common haircap	<i>Polytrichum commune</i>
Fox-tail feather-moss	<i>Thamnobryum alopecurum</i>
Kneiff's feather-moss	<i>Leptodictyum riparium</i>
Long-beaked water feather-moss	<i>Platyhypnidium riparioides</i>
River grimmia	<i>Schistidium rivulare</i>
Blunt-leaved bog-moss	<i>Sphagnum palustre</i>
Flat-topped bog-moss	<i>Sphagnum fallax</i>
Fringed bog-moss	<i>Sphagnum fimbriatum</i>
St Winfrid's moss	<i>Chiloscyphus polyanthos.</i>
Yellow fringe-moss	<i>Racomitrium aciculare</i>
Algae	
Green algae	<i>Cladophora glomerata</i>
Green algae	<i>Rhizoclonium hieroglyphicum</i>

* Listed as Indian balsam in Stace (2010) but more widely known as Himalayan balsam

Table 2: Species names of animals (alphabetical order within each group)

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-throated diver	<i>Gavia arctica</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>Periparus ater</i>
Collared dove	<i>Streptopelia decaocto</i>
Common gull	<i>Larus canus</i>
Common sandpiper	<i>Actitis hypoleucos</i>
Coot	<i>Fulica atra</i>
Cormorant	<i>Phalacrocorax carbo</i>
Cuckoo	<i>Cuculus canorus</i>
Curlew	<i>Numenius arquata</i>
Dipper	<i>Cinclus cinclus</i>
Dunnock	<i>Prunella modularis</i>
Feral pigeon/Rock dove	<i>Columba livia</i>
Fieldfare	<i>Turdus pilaris</i>

Common name	Scientific name
Garden warbler	<i>Sylvia borin</i>
Goldcrest	<i>Regulus regulus</i>
Goldeneye	<i>Bucephala clangula</i>
Golden plover	<i>Pluvialis apricaria</i>
Goldfinch	<i>Carduelis carduelis</i>
Goosander	<i>Mergus merganser</i>
Goshawk	<i>Accipiter gentilis</i>
Great black-backed gull	<i>Larus marinus</i>
Great spotted woodpecker	<i>Dendrocopos major</i>
Great tit	<i>Parus major</i>
Green woodpecker	<i>Picus viridis</i>
Greenfinch	<i>Chloris chloris</i>
Grey heron	<i>Ardea cinerea</i>
Greylag goose	<i>Anser anser</i>
Grey wagtail	<i>Motacilla cinerea</i>
Hen harrier	<i>Circus cyaneus</i>
Herring gull	<i>Larus argentatus</i>
House martin	<i>Delichon urbicum</i>
House sparrow	<i>Passer domesticus</i>
Hooded crow	<i>Corvus cornix</i>
Jackdaw	<i>Corvus monedula</i>
Jay	<i>Garrulus glandarius</i>
Kestrel	<i>Falco tinnunculus</i>
Kingfisher	<i>Alcedo atthis</i>
Lapwing	<i>Vanellus vanellus</i>
Lesser redpoll	<i>Carduelis cabaret</i>
Linnnet	<i>Carduelis cannabina</i>
Long-tailed tit	<i>Aegithalos caudatus</i>
Mallard	<i>Anas platyrhynchos</i>
Meadow pipit	<i>Anthus pratensis</i>
Mistle thrush	<i>Turdus viscivorus</i>
Moorhen	<i>Gallinula chloropus</i>
Mute swan	<i>Cygnus olor</i>
Nuthatch	<i>Sitta europaea</i>
Osprey	<i>Pandion haliaetus</i>
Oystercatcher	<i>Haematopus ostralegus</i>
Pheasant	<i>Phasianus colchicus</i>
Pied wagtail	<i>Motacilla alba</i>
Raven	<i>Corvus corax</i>
Red grouse	<i>Lagopus lagopus</i>
Red-breasted merganser	<i>Mergus serrator</i>
Red-legged partridge	<i>Alectoris rufa</i>
Redwing	<i>Turdus iliacus</i>
Reed bunting	<i>Emberiza schoeniclus</i>
Robin	<i>Erithacus rubecula</i>
Rook	<i>Corvus frugilegus</i>
Sand martin	<i>Riparia riparia</i>
Siskin	<i>Carduelis spinus</i>
Snipe	<i>Gallinago gallinago</i>

Common name	Scientific name
Song thrush	<i>Turdus philomelos</i>
Sparrowhawk	<i>Accipiter nisus</i>
Spotted flycatcher	<i>Muscicapa striata</i>
Starling	<i>Sturnus vulgaris</i>
Stonechat	<i>Saxicola rubicola</i>
Swallow	<i>Hirundo rustica</i>
Swift	<i>Apus apus</i>
Tawny owl	<i>Strix aluco</i>
Teal	<i>Anas crecca</i>
Treecreeper	<i>Certhia familiaris</i>
Tree pipit	<i>Anthus trivialis</i>
Tufted duck	<i>Aythya fuligula</i>
Waxwing	<i>Bombycilla garrulus</i>
Wheatear	<i>Oenanthe oenanthe</i>
Whinchat	<i>Saxicola rubetra</i>
Whitethroat	<i>Sylvia communis</i>
Whooper swan	<i>Cygnus cygnus</i>
Willow warbler	<i>Phylloscopus trochilus</i>
Woodcock	<i>Scolopax rusticola</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>
Eurasian beaver	<i>Castor fiber</i>
Brown long-eared bat	<i>Plecotus auritus</i>
Common pipistrelle	<i>Pipistrellus pipistrellus</i>
Deer spp.	Cervidae family
Natterer's bat	<i>Myotis nattereri</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 grampia</i>
Soprano pipistrelle	<i>Pipistrellus pygmaeus</i>
Water vole	<i>Arvicola amphibius</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 eel	<i>Anguilla anguilla</i>
River lamprey	<i>Lampetra fluviatilis</i>

Common name	Scientific name
Sea lamprey	<i>Petromyzon marinus</i>
Invertebrates	
Caddisfly	<i>Potamophylax rotundipennis</i>
Freshwater pearl mussel	<i>Margaritifera margaritifera</i>
Northern damselfly	<i>Coenagrion hastulatum</i>
Stonefly	<i>Leuctra moselyi</i>
Stonefly	<i>Protonemura meyeri</i>
Stonefly	<i>Capnia vidua vidua</i>
Water beetle	<i>Hydraena nigrita</i>

2 References

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