

Appendix A12.2: Scientific Names

1.1 Purpose of Appendix

- 1.1.1 This appendix presents a full list of species names mentioned in Chapter 12 (Biodiversity), and associated appendices. All higher plant names (common and scientific are taken from Stace (2019). All scientific bird names are taken from British Ornithologists' Union (2022).

1.2 Scientific Names Tables

- 1.2.1 Scientific names for plants are shown in Table A12.2-1 and scientific names for animals are shown in Table A12.2-2.

Table A12.2-1: Species names of plants (alphabetical order within each group)

Common Name	Scientific Name
Higher Plants	
Alder	<i>Alnus glutinosa</i>
Beech	<i>Fagus sylvatica</i>
Black bindweed	<i>Fallopia convolvulus</i>
Bluebell	<i>Hyacinthoides non-scripta</i>
Bilberry	<i>Vaccinium myrtillus</i>
Birch sp.	<i>Betula sp.</i>
Bird cherry	<i>Prunus padus</i>
Bramble	<i>Rubus fruticosus agg.</i>
Broom	<i>Cytisus scoparius</i>
Bugle	<i>Ajuga reptans</i>
Butterbur	<i>Petasites hybridis</i>
Chickweed-wintergreen	<i>Trientalis europaea</i>
Climbing corydalis	<i>Ceratocapnos claviculata</i>
Cock's-foot	<i>Dactylis glomerata</i>
Common bent	<i>Agrostis capillaris</i>
Common box	<i>Buxus sempervirens</i>
Common cow-wheat	<i>Melampyrum pratense</i>
Common deergrass	<i>Trichophorum germanicum</i>
Common figwort	<i>Scrophularia nodosa</i>
Common holly	<i>Ilex aquifolium</i>
Common juniper	<i>Juniperus communis</i>
Common lime	<i>Tilia x europaea</i>
Common nettle	<i>Urtica dioica</i>

Common Name	Scientific Name
Common rock-rose	<i>Helianthemum nummularium</i>
Cotton-grass spp.	<i>Eriophorum</i> spp.
Creeping soft-grass	<i>Holcus mollis</i>
Cross-leaved heath	<i>Erica tetralix</i>
Dame's violet	<i>Hesperis matronalis</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>
English elm	<i>Ulmus procera</i>
European larch	<i>Larix decidua</i>
European gooseberry	<i>Ribes uva-crispa</i>
European silver fir	<i>Abies alba</i>
Foxglove	<i>Digitalis purpurea</i>
Goat willow	<i>Salix caprea</i>
Giant hogweed	<i>Heracleum mantegazzianum</i>
Grand fir	<i>Abies grandis</i>
Greater celandine	<i>Chelidonium majus</i>
Greater stitchwort	<i>Stellaria holostea</i>
Great wood-rush	<i>Luzula sylvatica</i>
Grey willow	<i>Salix cinerea</i>
Ground elder	<i>Aegopodium podagraria</i>
Hawthorn	<i>Crataegus monogyna</i>
Hazel	<i>Corylus avellana</i>
Heath bedstraw	<i>Galium saxatile</i>
Heath cudweed	<i>Omalotheca sylvatica</i>
Heather	<i>Calluna vulgaris</i>
Hedge woundwort	<i>Stachys sylvatica</i>
Herb-robert	<i>Geranium robertianum</i>
Himalayan balsam	<i>Impatiens glandulifera</i>
Honeysuckle	<i>Lonicera periclymenum</i>
Japanese knotweed	<i>Reynoutria japonica</i>
Kidney vetch	<i>Anthyllis vulneraria</i>

Common Name	Scientific Name
Lime sp.	<i>Tilia sp.</i>
Norway maple	<i>Acer platanoides</i>
Oak sp.	<i>Quercus sp.</i>
Orpine	<i>Hylotelephium telephium</i>
Pedunculate oak	<i>Quercus robur</i>
Pignut	<i>Conopodium majus</i>
Pink purslane	<i>Claytonia sibirica</i>
Portugal laurel	<i>Prunus lusitanica</i>
Raspberry	<i>Rubus idaeus</i>
Remote sedge	<i>Carex remota</i>
Red elder	<i>Sambucus racemosa</i>
Red fescue	<i>Festuca rubra</i>
Rhododendron	<i>Rhododendron ponticum</i>
Rosebay willowherb	<i>Chamaenerion angustifolium</i>
Rough meadow-grass	<i>Poa trivialis</i>
Rowan	<i>Sorbus aucuparia</i>
Scot's pine	<i>Pinus sylvestris</i>
Sessile oak	<i>Quercus petraea</i>
Sharp-flowered rush	<i>Juncus acutiflorus</i>
Sheep's fescue	<i>Festuca ovina</i>
Slender St John's-wort	<i>Hypericum pulchrum</i>
Sitka spruce	<i>Picea sitchensis</i>
Snowberry	<i>Symphoricarpos alba</i>
Soft rush	<i>Juncus effusus</i>
Spruce sp.	<i>Picea sp.</i>
Sun spurge	<i>Euphorbia helioscopia</i>
Sweet cicely	<i>Myrrhis odorata</i>
Sycamore	<i>Acer pseudoplatanus</i>
Timothy	<i>Phleum pratense</i>
Tufted hair-grass	<i>Deschampsia cespitosa</i>
Variegated yellow archangel	<i>Lamiastrum galeobdolon ssp. argentatum</i>
Violet sp.	<i>Viola sp.</i>
Wavy hair-grass	<i>Avenella flexuosa</i>
Welsh poppy	<i>Papaver cambricum</i>

Common Name	Scientific Name
Western hemlock-spruce	<i>Tsuga heterophylla</i>
Western red-cedar	<i>Thuja plicata</i>
Wych elm	<i>Ulmus glabra</i>
Wild angelica	<i>Angelica sylvestris</i>
Wild pansy	<i>Viola tricolor</i>
Wild strawberry	<i>Fragaria vesca</i>
Wood anemone	<i>Anemone nemorosa</i>
Wood avens	<i>Geum urbanum</i>
Wood-sorrel	<i>Oxalis acetosella</i>
Yellow archangel	<i>Lamium galeobdolon</i>
Yellow pimpernel	<i>Lysimachia nemorum</i>
Yew	<i>Taxus baccata</i>
Ferns	
Bracken	<i>Pteridium aquilinum</i>
Broad-buckler fern	<i>Dryopteris dilatata</i>
Forked spleenwort	<i>Asplenium septentrionale</i>
Hard shield-fern	<i>Polystichum aculeatum</i>
Hard-fern	<i>Blechnum spicant</i>
Lady-fern	<i>Athyrium filix-femina</i>
Male-fern	<i>Dryopteris filix-mas</i>
Northern beech fern	<i>Phegopteris connectilis</i>
Lichens and Mosses	
Common haircap	<i>Polytrichum commune</i>
Lungwort spp.	<i>Lobaria spp.</i>
Bear lichens	<i>Usnea spp.</i>
Sphagnum spp.	<i>Sphagnum spp.</i>

Table A12.2-2: 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>

Common Name	Scientific Name
Black-headed gull	<i>Chroicocephalus ridibundus</i>
Black tern	<i>Chlidonias niger</i>
Black-throated diver	<i>Gavia arctica</i>
Blue tit	<i>Cyanistes caeruleus</i>
Brambling	<i>Fringilla montifringilla</i>
Bullfinch	<i>Pyrrhula pyrrhula</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 buzzard	<i>Buteo buteo</i>
Common crossbill	<i>Loxia curvirostra</i>
Common gull	<i>Larus canus</i>
Common sandpiper	<i>Actitis hypoleucos</i>
Dipper	<i>Cinclus cinclus</i>
Dunnock	<i>Prunella modularis</i>
Fieldfare	<i>Turdus pilaris</i>
Garden warbler	<i>Sylvia borin</i>
Goldcrest	<i>Regulus regulus</i>
Goldeneye	<i>Bucephala clangula</i>
Goldfinch	<i>Carduelis carduelis</i>
Goosander	<i>Mergus merganser</i>
Goshawk	<i>Accipiter gentilis</i>
Great spotted woodpecker	<i>Dendrocopos major</i>
Great tit	<i>Parus major</i>
Greenfinch	<i>Chloris chloris</i>
Greenshank	<i>Tringa nebularia</i>
Grey heron	<i>Ardea cinerea</i>
Greylag goose	<i>Anser anser</i>
Grey wagtail	<i>Motacilla cinerea</i>
Hawfinch	<i>Coccothraustes coccothraustes</i>
Hen harrier	<i>Circus cyaneus</i>

Common Name	Scientific Name
Honey buzzard	<i>Pernus apivorus</i>
House martin	<i>Delichon urbicum</i>
House sparrow	<i>Passer domesticus</i>
Jackdaw	<i>Corvus monedula</i>
Jay	<i>Garrulus glandarius</i>
Kingfisher	<i>Alcedo atthis</i>
Lesser black-backed gull	<i>Larus fuscus</i>
Lesser redpoll	<i>Acanthis cabaret</i>
Long-tailed duck	<i>Clangula hyemalis</i>
Long-tailed tit	<i>Aegithalos caudatus</i>
Mallard	<i>Anas platyrhynchos</i>
Merlin	<i>Falco columbarius</i>
Mute swan	<i>Cygnus olor</i>
Nuthatch	<i>Sitta europaea</i>
Osprey	<i>Pandion haliaetus</i>
Oystercatcher	<i>Haematopus ostralegus</i>
Peregrine	<i>Falco peregrinus</i>
Pheasant	<i>Phasianus colchicus</i>
Pied wagtail	<i>Motacilla alba</i>
Red kite	<i>Milvus milvus</i>
Red-legged partridge	<i>Alectoris rufa</i>
Red-throated diver	<i>Gavia stellata</i>
Redwing	<i>Turdus iliacus</i>
Robin	<i>Erithacus rubecula</i>
Rook	<i>Corvus frugilegus</i>
Sand martin	<i>Riparia riparia</i>
Scaup	<i>Aythya marila</i>
Scottish crossbill	<i>Loxia scotica</i>
Short-eared owl	<i>Asio flammeus</i>
Siskin	<i>Carduelis spinus</i>
Slavonian grebe	<i>Podiceps auritus</i>
Song thrush	<i>Turdus philomelos</i>
Spotted flycatcher	<i>Muscicapa striata</i>
Starling	<i>Sturnus vulgaris</i>

Common Name	Scientific Name
Swallow	<i>Hirundo rustica</i>
Swift	<i>Apus apus</i>
Treecreeper	<i>Certhia familiaris</i>
Tree sparrow	<i>Passer montanus</i>
White-tailed eagle	<i>Haliaeetus albicilla</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>
Wren	<i>Troglodytes troglodytes</i>
Yellowhammer	<i>Emberiza citrinella</i>
Mammals	
Badger	<i>Meles meles</i>
Brown hare	<i>Lepus europaeus</i>
Brown long-eared bat	<i>Plecotus auritus</i>
Common pipistrelle	<i>Pipistrellus pipistrellus</i>
Daubenton's bat	<i>Myotis daubentonii</i>
Eurasian beaver	<i>Castor fiber</i>
Fallow deer	<i>Dama dama</i>
Grey squirrel	<i>Sciurus carolinensis</i>
Leisler's bat	<i>Nyctalus leisleri</i>
Nathusius' pipistrelle	<i>Pipistrellus nathusii</i>
Natterer's bat	<i>Myotis nattereri</i>
Noctule	<i>Nyctalus noctula</i>
Otter	<i>Lutra lutra</i>
Pine marten	<i>Martes martes</i>
Red deer	<i>Cervus elaphus</i>
Red squirrel	<i>Sciurus vulgaris</i>
Roe deer	<i>Capreolus capreolus</i>
Scottish wildcat	<i>Felis silvestris</i>
Sika deer	<i>Cervus nippon</i>
Soprano pipistrelle	<i>Pipistrellus pygmaeus</i>
Water vole	<i>Arvicola amphibius</i>

Common Name	Scientific Name
Whiskered bat	<i>Myotis mystacinus</i>
Reptiles	
Adder	<i>Vipera berus</i>
Common lizard	<i>Zootoca vivipara</i>
Slow worm	<i>Anguis fragilis</i>
Amphibians	
Common frog	<i>Rana temporaria</i>
Common toad	<i>Bufo bufo</i>
Palmate newt	<i>Lissotriton helveticus</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>
Grayling	<i>Thymallus thymallus</i>
River lamprey	<i>Lampetra fluviatilis</i>
Sea lamprey	<i>Petromyzon marinus</i>
Invertebrates	
Bilberry bumblebee	<i>Bombus monticola</i>
Freshwater pearl mussel	<i>Margaritifera margaritifera</i>
Large heath	<i>Coenonympha tullia</i>
Marsh fritillary	<i>Euphydryas aurinia</i>
Northern brown argus	<i>Aricia artaxerxes</i>
Small heath	<i>Coenonympha pamphilus</i>
Small pearl-bordered fritillary	<i>Boloria selene</i>

1.3 References

British Ornithologist's Union (2022). The British List: A Checklist of Birds of Britain (10th edition). Ibis 164: 860–910.

Stace, C. (2019). New Flora of the British Isles. Fourth edition. C&M Floristics.