

APPENDIX 5.1

Total plant species list for habitats encountered within the site for the proposed wind farm.

Latin name	English name	Main habitat
<i>Acer pseudoplatanus</i>	Sycamore	Scrub/woodland
<i>Agrostis canina</i>	Velvet bent grass	Dry-humid acid grassland
<i>Agrostis capillaris</i>	Common bent grass	Dry-humid acid grassland
<i>Agrostis stolonifera</i>	Creeping bent	Wet grassland
<i>Ajuga reptans</i>	Bugle	Oak-birch-holly woodland
<i>Anagallis tenella</i>	Bog pimpernel	Poor flush
<i>Anthoxanthum odoratum</i>	Sweet vernal grass	Dry-humid acid grassland
<i>Aulacomium palustris</i>	A moss	Poor flush
<i>Athyrium filix-femina</i>	Lady fern	Oak-birch-holly woodland
<i>Bellis perennis</i>	Daisy	Improved grassland
<i>Betula pubescens</i>	Downy birch	Oak-birch-holly woodland
<i>Blechnum spicant</i>	Hard fen	Oak-birch-holly woodland
<i>Calluna vulgaris</i>	Ling	Dry heath
<i>Campylopus atrovirens</i>	A moss	Blanket bog
<i>Campylopus introflexus</i>	A moss	Blanket bog
<i>Carex echinata</i>	Star sedge	Poor flush
<i>Carex ovalis</i>	Oval sedge	Wet grassland
<i>Carex panicea</i>	Carnation sedge	Blanket bog
<i>Carex pulicaris</i>	Flea sedge	Poor flush
<i>Carex binervis</i>	Green ribbed sedge	Dry heath
<i>Cerastium fontanum</i>	Common mouse-ear	Improved grassland
<i>Cirsium palustre</i>	Marsh thistle	Wet grassland
<i>Cladonia portentosa</i>	A lichen	Blanket bog
<i>Cladonia uncialis</i>	A lichen	Blanket bog
<i>Corylus avellana</i>	Hazel	Oak-birch-holly woodland
<i>Crataegus monogyna</i>	Hawthorn	Scrub
<i>Cynosurus cristatus</i>	Crested Dogs tail	Improved grassland
<i>Deschampsia flexuosa</i>	Wavy hair grass	Dry heath
<i>Dicranum scoparium</i>	A moss	Dry heath
<i>Digitalis purpurea</i>	Foxglove	Scrub woodland
<i>Drosera rotundifolia</i>	Round-leaved sundew	Blanket bog
<i>Dryopteris affinis</i>	Scaly male fern	Oak-birch-holly woodland
<i>Dryopteris dilatata</i>	Broad buckler fern	Oak-birch-holly woodland
<i>Dryopteris filix-mas</i>	Male fern	Oak-birch-holly woodland
<i>Erica cinerea</i>	Bell heather	Dry heath
<i>Erica tetralix</i>	Cross-leaved heath	Wet heath
<i>Eriophorum angustifolium</i>	Common bog cotton	Blanket bog
<i>Eriophorum vaginatum</i>	Hare's tail bog cotton	Blanket bog
<i>Euphorbia hyberna</i>	Irish spurge	Oak-birch-holly woodland
<i>Eurhynchium praelongum</i>	A moss	Scrub/woodland
<i>Festuca ovina</i>	Sheep's fescue	Dry-humid acid grassland
<i>Ficaria verna</i>	Lesser celandine	Oak-birch-holly woodland
<i>Filipendula ulmaria</i>	Meadowsweet	Wet grassland
<i>Galium palustre</i>	Marsh bedstraw	Poor flush
<i>Galium saxatile</i>	Heath bedstraw	Dry-humid acid grassland
<i>Geranium robertianum</i>	Herb Robert	Scrub
<i>Hedera helix</i>	Ivy	Scrub/woodland
<i>Holcus lanatus</i>	Yorkshire fog	Improved grassland
<i>Hylocomium splendens</i>	A moss	Dry-humid acid grassland
<i>Hymenophyllum tunbrigense</i>	Tunbridge filmy fern	Oak-birch-holly woodland
<i>Hypericum puchrum</i>	Heath St. Johns wort	Dry heath
<i>Hypnum jutlandicum</i>	A moss	Wet heath
<i>Hypochoeris radicata</i>	Cats ear	Poor flush
<i>Ilex aquifolium</i>	Holly	Scrub woodland
<i>Juncus acutiflorus</i>	Sharp-flowered rush	Poor flush
<i>Juncus articulatus</i>	Jointed rush	Poor flush
<i>Juncus conglomeratus</i>	Compact rush	Poor flush

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<i>Juncus effusus</i>	Soft rush	Poor flush
<i>Juncus squarrosus</i>	Heath rush	Wet heath
<i>Lolium perenne</i>	Perennial rye-grass	Improved grassland
<i>Lonicera periclymenum</i>	Honeysuckle	Oak-birch-holly woodland
<i>Luzula multiflora</i>	Heath woodrush	Dry heath
<i>Luzula sylvatica</i>	Great wood rush	Oak-birch-holly woodland
<i>Menyanthes trifoliata</i>	Bog bean	Poor flush
<i>Molinia caerulea</i>	Purple moor-grass	Wet heath
<i>Myrica gale</i>	Bog myrtle	Blanket bog
<i>Nardus stricta</i>	Mat grass	Dry-humid acid grassland
<i>Narthecium ossifragum</i>	Bog asphodel	Blanket bog
<i>Odontoschisma sphagni</i>	A liverwort	Blanket bog
<i>Picea sitchensis</i>	Sitka spruce	Conifer plantation
<i>Pinus contorta</i>	Lodgepole pine	Conifer plantation
<i>Pinguicula grandiflora</i>	Greater butterwort	Poor flush
<i>Plantago lanceolata</i>	Ribwort plantain	Improved grassland
<i>Pleurozia purpurea</i>	A liverwort	Blanket bog
<i>Pleurozium schreberi</i>	A moss	Dry-humid acid grassland
<i>Polygala serpyllifolia</i>	Heath milkwort	Blanket bog
<i>Polypodium vulgare</i>	Common polypody	Oak-birch-holly woodland
<i>Polytrichum commune</i>	A moss	Poor flush
<i>Potamogeton polygonifolius</i>	Bog pondweed	Poor flush
<i>Potentilla erecta</i>	Tormentil	Dry heath
<i>Primula vulgaris</i>	Primrose	Oak-birch-holly woodland
<i>Prunella vulgaris</i>	Self heal	Improved grassland
<i>Pseudoscleropodium purum</i>	A moss	Dry-humid acid grassland
<i>Pteridium aquilinum</i>	Bracken	Scrub/woodland
<i>Quercus petraea</i>	Oak species	Oak-birch-holly woodland
<i>Racomitrium lanuginosum</i>	A moss	Blanket bog
<i>Ranunculus acris</i>	Meadow buttercup	Improved grassland
<i>Ranunculus flammula</i>	Lesser spearwort	Poor flush
<i>Ranunculus repens</i>	Creeping buttercup	Improved grassland
<i>Rhynchospora alba</i>	White beaked sedge	Blanket bog
<i>Rhytidiadelphus loreus</i>	A moss	Dry-humid acid grassland
<i>Rhytidiadelphus squarrosus</i>	A moss	Dry-humid acid grassland
<i>Rhytidiadelphus triquetrus</i>	A moss	Oak-birch-holly woodland
<i>Rubus fruticosus</i>	Bramble	Scrub/woodland
<i>Rumex acetosa</i>	Sorrel	Improved grassland
<i>Rumex acetosella</i>	Sheeps sorrel	Dry heath
<i>Salix aurita</i>	Eared willow	Scrub/Stream banks
<i>Salix cinerea</i> subsp <i>oleifolia</i>	Grey willow	Scrub/Stream banks
<i>Saxifraga spathularis</i>	St. Patricks cabbage	Oak-birch-holly woodland
<i>Schoenus nigricans</i>	Black bog rush	Blanket bog
<i>Sorbus aucuparia</i>	Rowan	Oak-birch-holly woodland
<i>Sphagnum capillifolium</i>	A moss	Blanket bog
<i>Sphagnum cuspidatum</i>	A moss	Blanket bog
<i>Sphagnum denticulatum</i>	A moss	Poor flush
<i>Sphagnum fallax</i>	A moss	Poor flush
<i>Sphagnum palustre</i>	A moss	Poor flush
<i>Sphagnum papillosum</i>	A moss	Blanket bog
<i>Sphagnum subnitens</i>	A moss	Wet heath
<i>Sphagnum tenellum</i>	A moss	Blanket bog
<i>Succisa pratensis</i>	Devils bit scabious	Dry heath
<i>Taraxacum officinale</i>	Dandelion	Improved grassland
<i>Thuidium tamariscinum</i>	A moss	Scrub woodland
<i>Trichophorum germanicum</i>	Deer grass	Wet heath
<i>Trifolium repens</i>	White clover	Improved grassland
<i>Ulex europaeus</i>	Common gorse	Scrub
<i>Ulex gallii</i>	Western gorse	Dry heath
<i>Vaccinium myrtillus</i>	Bilberry	Oak-birch-holly woodland
<i>Viola riviniana</i>	Common dog violet	Oak-birch-holly woodland