

APPENDIX 6.1

Plant Species Lists for Main Habitats within Tirawley Wind Farm Site

Table 1. Plant species list for blanket bog at AT18 location.

Vascular plants	
Latin name	English name
<i>Anagallis tenella</i>	Bog pimpernel
<i>Blechnum spicant</i>	Hard fern
<i>Calluna vulgaris</i>	Ling heather
<i>Cardamine pratensis</i>	Cuckoo flower
<i>Carex nigra</i>	Common sedge
<i>Carex panicea</i>	Carnation sedge
<i>Drosera rotundifolia</i>	Round leaved sundew
<i>Erica tetralix</i>	Cross-leaved heath
<i>Eriophorum angustifolium</i>	Common bog cotton
<i>Eriophorum vaginatum</i>	Hare's tail bog cotton
<i>Holcus lanatus</i>	Yorkshire fog
<i>Juncus acutiflorus</i>	Sharp-flowered rush
<i>Juncus bulbosus</i>	Bulbous rush
<i>Juncus effusus</i>	Soft rush
<i>Molinia caerulea</i>	Purple moor-grass
<i>Narthecium ossifragum</i>	Bog asphodel
<i>Pedicularis sylvatica</i>	Heath lousewort
<i>Pinguicula vulgaris</i>	Butterwort
<i>Polygala serpyllifolia</i>	Heath milkwort
<i>Potentilla erecta</i>	Tormentil
<i>Prunella vulgaris</i>	Self heal
<i>Salix aurita</i>	Eared willow
<i>Succisa pratensis</i>	Devil's bit scabious
<i>Trichophorum germanicum</i>	Deer grass
Latin name	English name
<i>Aulacomium palustre</i>	A moss
<i>Breutelia chrysocoma</i>	A moss
<i>Calliergonella cuspidata</i>	A moss
<i>Cladonia portentosa</i>	A lichen
<i>Cladonia uncialis</i>	A lichen
<i>Dicranum scoparium</i>	A moss
<i>Hylocomium splendens</i>	A moss
<i>Hypnum jutlandicum</i>	A moss
<i>Polytrichum commune</i>	A moss
<i>Pseudoscleropodium purum</i>	A moss
<i>Rhytidiadelphus loreus</i>	A moss
<i>Sphagnum capillifolium</i>	A moss

Vascular plants	
Latin name	English name
<i>Sphagnum cuspidatum</i>	A moss
<i>Sphagnum fallax</i>	A moss
<i>Sphagnum palustre</i>	A moss
<i>Sphagnum papillosum</i>	A moss
<i>Sphagnum tenellum</i>	A moss

Table 2. Plant species list for semi-improved wet grassland.

Vascular plants	
Latin name	English name
<i>Agrostis capillaris</i>	Common bent
<i>Agrostis stolonifera</i>	Creeping bent
<i>Anthoxanthum odoratum</i>	Sweet vernal-grass
<i>Bellis perennis</i>	Daisy
<i>Blechnum spicant</i>	Hard fern
<i>Carex panicea</i>	Carnation sedge
<i>Cirsium palustre</i>	Marsh thistle
<i>Cynosurus cristatus</i>	Crested dog's tail
<i>Galium saxatile</i>	Heath bedstraw
<i>Holcus lanatus</i>	Yorkshire fog
<i>Hypochoeris radicata</i>	Cat's paw
<i>Juncus bulbosus</i>	Bulbous rush
<i>Juncus effusus</i>	Soft rush
<i>Lolium perenne</i>	Perennial rye-grass
<i>Molinia caerulea</i>	Purple moor-grass
<i>Plantago lanceolata</i>	Ribwort plantain
<i>Poa annua</i>	Annual meadow-grass
<i>Potentilla erecta</i>	Tormentil
<i>Prunella vulgaris</i>	Self heal
<i>Ranunculus acris</i>	Meadow buttercup
<i>Ranunculus repens</i>	Creeping buttercup
<i>Rumex acetosa</i>	Common sorrel
<i>Succisa pratensis</i>	Devil's bit scabious
<i>Taraxacum officinale</i>	Dandelion
<i>Trifolium repens</i>	White clover
Latin name	English name
<i>Calliergonella cuspidata</i>	A moss
<i>Hylocomium splendens</i>	A moss
<i>Hypnum jutlandicum</i>	A moss
<i>Pleurozium schreberi</i>	A moss
<i>Polytrichum commune</i>	A moss
<i>Rhytidiadelphus loreus</i>	A moss
<i>Rhytidiadelphus squarrosus</i>	A moss
<i>Thuidium tamariscum</i>	A moss

Table 3. Plant species list for scrub habitat within abandoned quarry at Castlelackan Demesne.

Vascular plants	
Latin name	English name
<i>Anthoxanthum odoratum</i>	Sweet vernal-grass
<i>Blechnum spicant</i>	Hard fern
<i>Calluna vulgaris</i>	Ling heather
<i>Dryopteris dilatata</i>	Broad buckler fern
<i>Hedera helix</i>	Ivy
<i>Holcus lanatus</i>	Yorkshire fog
<i>Juncus effusus</i>	Soft rush
<i>Molinia caerulea</i>	Purple moor-grass
<i>Pinus contorta</i>	Lodgepole pine
<i>Rubus fruticosus</i>	Briar
<i>Salix aurita</i>	Eared willow
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Grey willow
<i>Ulex europaeus</i>	Common gorse

Table 4. Plant species list for quarry area, i.e. recolonizing bare soil, rock and remnant grassland areas.

Vascular plants	
Latin name	English name
<i>Agrostis capillaris</i>	Common bent
<i>Agrostis stolonifera</i>	Creeping bent
<i>Angelica sylvestris</i>	Wild angelica
<i>Bellis perennis</i>	Daisy
<i>Blechnum spicant</i>	Hard fern
<i>Calluna vulgaris</i>	Ling heather
<i>Carex flacca</i>	Glaucous sedge
<i>Centaurea nigra</i>	Knapweed
<i>Chamerion angustifolium</i>	Rosebay willowherb
<i>Cirsium palustre</i>	Marsh thistle
<i>Cirsium vulgare</i>	Spear thistle
<i>Cynosurus cristatus</i>	Crested dog's tail
<i>Dactylis glomerata</i>	Cocks foot
<i>Daucus carota</i>	Wild carrot
<i>Digitalis purpurea</i>	Foxglove
<i>Erica cinerea</i>	Bell heather
<i>Holcus lanatus</i>	Yorkshire fog
<i>Hypochoeris radicata</i>	Cat's paw
<i>Jacobea vulgaris</i>	Ragwort
<i>Juncus articulatus</i>	Jointed rush
<i>Juncus bufonius</i>	Toad rush

Vascular plants	
Latin name	English name
<i>Juncus effusus</i>	Soft rush
<i>Lathyrus pratensis</i>	Meadow vetchling
<i>Leucanthemum vulgare</i>	Ox-eye daisy
<i>Linum catharticum</i>	Fairy flax
<i>Lotus corniculatus</i>	Bird's foot trefoil
<i>Phyllitis scolopendrium</i>	Harts tongue fern
<i>Pilosella officinarum</i>	Mouse-ear hawkweed
<i>Plantago lanceolata</i>	Ribwort plantain
<i>Poa annua</i>	Annual meadow-grass
<i>Polystichum aculeatum</i>	Hard shield fern
<i>Polystichum setiferum</i>	Soft shield fern
<i>Prunella vulgaris</i>	Self heal
<i>Ranunculus acris</i>	Meadow buttercup
<i>Ranunculus repens</i>	Creeping buttercup
<i>Sagina procumbens</i>	Procumbent pearlwort
<i>Scrophularia auriculata</i>	Water figwort
<i>Senecio vulgaris</i>	Groundsel
<i>Taraxacum officinale</i>	Dandelion
<i>Trifolium pratense</i>	Red clover
<i>Tussilago farfara</i>	Colts foot
<i>Typha latifolia</i>	Bulrush
Latin name	English name
<i>Brachythecium rutabulum</i>	A moss
<i>Calliergonella cuspidata</i>	A moss
<i>Hylocomium splendens</i>	A moss
<i>Pseudoscleropodium purum</i>	A moss
<i>Polytrichum juniperinum</i>	A moss
<i>Peltigera canina</i>	A lichen

Table 5. Plant species list for ponds within the abandoned quarry at Castlelackan Demesne

Vascular plants	
Latin name	English name
<i>Agrostis stolonifera</i>	Creeping bent
<i>Angelica sylvestris</i>	Wild angelica
<i>Cirsium palustre</i>	Marsh thistle
<i>Carex rostrata</i>	Bottle sedge
<i>Eleogiton fluitans</i>	Floating club-rush
<i>Equisetum fluviatile</i>	Water horsetail
<i>Juncus articulatus</i>	Jointed rush
<i>Juncus bufonius</i>	Toad rush
<i>Juncus effusus</i>	Soft rush
<i>Nasturtium officinale</i>	Water cress
<i>Nitella</i> sp.	Stonewort species
<i>Ranunculus repens</i>	Creeping buttercup
<i>Sparganium</i> sp.	Bur-reed species
<i>Typha latifolia</i>	Bulrush
<i>Calliergonella cuspidata</i>	A moss

Table 6. Plant species list for broadleaved woodland habitat along cable route.

Vascular plants	
Latin name	English name
<i>Acer pseudoplatanus</i>	Sycamore
<i>Alnus glutinosa</i>	Alder
<i>Anthoxanthum odoratum</i>	Sweet vernal-grass
<i>Betula pubescens</i>	Downy birch
<i>Blechnum spicant</i>	Hard fern
<i>Carex remota</i>	Remote sedge
<i>Carex sylvatica</i>	Wood sedge
<i>Chamaecyparis lawsoniana</i>	Lawson's cypress
<i>Dryopteris dilatata</i>	Broad buckler fern
<i>Dryopteris filix-mas</i>	Male fern
<i>Fagus sylvatica</i>	Beech
<i>Geranium robertianum</i>	Herb Robert
<i>Hedera helix</i>	Ivy
<i>Holcus lanatus</i>	Yorkshire fog
<i>Ilex aquifolium</i>	Holly
<i>Juncus effusus</i>	Soft rush
<i>Kindbergia praelonga</i>	A moss
<i>Phyllitis scolopendrium</i>	Hart's tongue fern
<i>Picea sitchensis</i>	Sitka spruce
<i>Ranunculus repens</i>	Creeping buttercup
<i>Rubus fruticosus</i>	Briar
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Grey willow
<i>Thuidium tamariscinum</i>	A moss

Table 7. Plant species list for broadleaved woodland habitat along TDR near Palmerstown Bridge.

Vascular plants	
Latin name	English name
<i>Acer pseudoplatanus</i>	Sycamore
<i>Aesculus hippocastanum</i>	Horse chestnut
<i>Alnus glutinosa</i>	Alder
<i>Blechnum spicant</i>	Hard fern
<i>Carex remota</i>	Remote sedge
<i>Carex sylvatica</i>	Wood sedge
<i>Carex pendula</i>	Pendulous sedge
<i>Chamerion angustifolium</i>	Rosebay willowherb
<i>Crataegus monogyna</i>	Hawthorn
<i>Dactylis glomerata</i>	Cocks foot
<i>Dryopteris dilatata</i>	Broad buckler fern
<i>Fagus sylvatica</i>	Beech
<i>Ficaria verna</i>	Lesser celandine
<i>Fraxinus excelsior</i>	Ash
<i>Galium aparine</i>	Cleavers
<i>Geranium robertianum</i>	Herb Robert
<i>Hedera helix</i>	Ivy
<i>Holcus lanatus</i>	Yorkshire fog
<i>Iris pseudacorus</i>	Yellow flag
<i>Juncus effusus</i>	Soft rush
<i>Lonicera nitida</i>	Wilson's honeysuckle
<i>Lonicera periclymenum</i>	Honeysuckle
<i>Kindbergia praelonga</i>	A moss
<i>Phyllitis scolopendrium</i>	Hart's tongue fern
<i>Primula vulgaris</i>	Primrose
<i>Prunus spinosa</i>	Blackthorn
<i>Ranunculus acris</i>	Meadow buttercup
<i>Ranunculus repens</i>	Creeping buttercup
<i>Rubus fruticosus</i>	Briar
<i>Rumex acetosa</i>	Common sorrel
<i>Rumex obtusifolius</i>	Broad leaved dock
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Grey willow
<i>Thuidium tamariscinum</i>	A moss
<i>Urtica dioica</i>	Common nettle
<i>Veronica chamaedrys</i>	Germander speedwell
<i>Vicia sepium</i>	Bush vetch