



Cush Wind Farm
Phase II

Environmental Impact Assessment Report

Annex 5.10: Desktop Study Data

Cush Wind Limited

Species	Group	Grid	Date	Total Record Count
Barn Owl (<i>Tyto alba</i>)	Bird	N00, N01, N10, N11	24/09/2024	25
Black-tailed Godwit (<i>Limosa limosa</i>)	Bird	N00, N01, N11	25/12/2024	24
Dunlin (<i>Calidris alpina</i>)	Bird	N00, N01, N11	25/12/2024	33
Grey Wagtail (<i>Motacilla cinerea</i>)	Bird	N00, N01, N10, N11	17/01/2025	89
Kestrel (<i>Falco tinnunculus</i>)	Bird	N00, N01, N10, N11	17/01/2025	176
Knot (<i>Calidris canutus</i>)	Bird	N01	31/12/2011	2
Meadow Pipit (<i>Anthus pratensis</i>)	Bird	N00, N01, N10, N11	11/10/2025	241
Oystercatcher (<i>Haematopus ostralegus</i>)	Bird	N01, N11	09/09/2021	4
Quail (<i>Coturnix coturnix</i>)	Bird	N01, N11	31/12/2011	3
Redshank (<i>Tringa totanus</i>)	Bird	N00, N01, N11	23/06/2024	62
Redwing (<i>Turdus iliacus</i>)	Bird	N00, N01, N10, N11	25/01/2025	99
Ring Ouzel (<i>Turdus torquatus</i>)	Bird	N10	31/07/1991	1
Stock Dove (<i>Columba oenas</i>)	Bird	N00, N01, N10, N11	12/05/2024	61
Swift (<i>Apus apus</i>)	Bird	N00, N01, N10, N11	19/06/2025	100
Whinchat (<i>Saxicola rubetra</i>)	Bird	N00, N01, N11	12/05/2024	22
Yellowhammer (<i>Emberiza citrinella</i>)	Bird	N00, N01, N10, N11	11/07/2025	83
Black-headed Gull (<i>Chroicocephalus ridibundus</i>)	Bird	N00, N01, N10, N11	12/08/2025	182
Brambling (<i>Fringilla montifringilla</i>)	Bird	N00, N01, N10, N11	04/02/2022	11
Common Gull (<i>Larus canus</i>)	Bird	N00, N01, N11	12/08/2025	22
Common Sandpiper (<i>Actitis hypoleucos</i>)	Bird	N00, N01, N10, N11	29/06/2023	22
Cormorant (<i>Phalacrocorax carbo</i>)	Bird	N00, N01, N11	10/11/2024	55
Goldcrest (<i>Regulus regulus</i>)	Bird	N00, N01, N10, N11	12/08/2025	172
Great Crested Grebe (<i>Podiceps cristatus</i>)	Bird	N01, N11	29/06/2023	27
Greenfinch (<i>Chloris chloris</i>)	Bird	N00, N01, N10, N11	25/01/2025	157
Greenland White-fronted Goose (<i>Anser albifrons flavirostris</i>)	Bird	N00, N01, N11	31/12/2011	4
House Martin (<i>Delichon urbicum</i>)	Bird	N00, N01, N10, N11	12/08/2025	79
Linnet (<i>Linaria cannabina</i>)	Bird	N00, N01, N10, N11	12/08/2025	158

Species	Group	Grid	Date	Total Record Count
Mute Swan (<i>Cygnus olor</i>)	Bird	N00, N01, N11	11/10/2025	281
Ringed Plover (<i>Charadrius hiaticula</i>)	Bird	N01, N11	07/03/2013	20
Sand Martin (<i>Riparia riparia</i>)	Bird	N00, N01, N10, N11	25/08/2024	107
Shag (<i>Gulosus aristotelis</i>)	Bird	N00, N11	08/02/2018	2
Shelduck (<i>Tadorna tadorna</i>)	Bird	N00, N01	31/12/2011	3
Skylark (<i>Alauda arvensis</i>)	Bird	N00, N01, N10, N11	31/10/2024	152
Spotted Flycatcher (<i>Muscicapa striata</i>)	Bird	N00, N01, N10, N11	29/07/2024	52
Spotted Redshank (<i>Tringa erythropus</i>)	Bird	N00, N01	05/12/2018	2
Swallow (<i>Hirundo rustica</i>)	Bird	N00, N01, N10, N11	12/08/2025	206
Tree Sparrow (<i>Passer montanus</i>)	Bird	N10	25/01/2025	4
Wheatear (<i>Oenanthe oenanthe</i>)	Bird	N11	29/04/2023	17
Willow Warbler (<i>Phylloscopus trochilus</i>)	Bird	N00, N01, N10, N11	12/08/2025	168
Curlew (<i>Numenius arquata</i>)	Bird	N00, N01, N10, N11	30/09/2025	163
Goldeneye (<i>Bucephala clangula</i>)	Bird	N11	31/12/2011	1
Lapwing (<i>Vanellus vanellus</i>)	Bird	N00, N01, N10, N11	11/10/2025	325
Scaup (<i>Aythya marila</i>)	Bird	N00, N11	27/12/2019	2
White-fronted Goose (<i>Anser albifrons</i>)	Bird	N00, N01, N11	18/01/2025	25
Pink-footed Goose (<i>Anser brachyrhynchus</i>)	Bird	N00, N01, N11	11/01/2023	8
Gadwall (<i>Mareca strepera</i>)	Bird	N00, N01, N11	26/02/2024	17
Garganey (<i>Spatula querquedula</i>)	Bird	N00, N01	19/08/2007	3
Shoveler (<i>Spatula clypeata</i>)	Bird	N00, N01, N11	18/01/2025	42
Snipe (<i>Gallinago gallinago</i>)	Bird	N00, N01, N10, N11	24/09/2025	165
Woodcock (<i>Scolopax rusticola</i>)	Bird	N00, N01, N10, N11	17/12/2024	44
Jack Snipe (<i>Lymnocyptes minimus</i>)	Bird	N01, N11	31/12/2011	5
Coot (<i>Fulica atra</i>)	Bird	N00, N01, N10, N11	25/01/2025	42
Pintail (<i>Anas acuta</i>)	Bird	N00, N01, N11	20/01/2025	32
Pochard (<i>Aythya ferina</i>)	Bird	N00, N01, N11	11/01/2024	20

Species	Group	Grid	Date	Total Record Count
Teal (<i>Anas crecca</i>)	Bird	N00, N01, N10, N11	18/01/2025	103
Tufted Duck (<i>Aythya fuligula</i>)	Bird	N00, N01, N11	18/01/2025	73
Wigeon (<i>Mareca penelope</i>)	Bird	N00, N01, N11	20/01/2025	87
Grey Partridge (<i>Perdix perdix</i>)	Bird	N00, N01, N10, N11	14/11/2024	89
Mallard (<i>Anas platyrhynchos</i>)	Bird	N00, N01, N10, N11	12/08/2025	333
Red Grouse (<i>Lagopus lagopus</i>)	Bird	N00, N01, N10, N11	29/02/1984	5
Pheasant (<i>Phasianus colchicus</i>)	Bird	N00, N01, N10, N11	12/08/2025	208
Rock Dove (<i>Columba livia</i>)	Bird	N00, N01, N10, N11	28/07/2025	78
Bar-tailed Godwit (<i>Limosa lapponica</i>)	Bird	N01	31/12/2011	2
Corncrake (<i>Crex crex</i>)	Bird	N00, N01, N10, N11	31/12/2011	21
Great Northern Diver (<i>Gavia immer</i>)	Bird	N11	09/01/2007	1
Hen Harrier (<i>Circus cyaneus</i>)	Bird	N00, N01, N10, N11	03/01/2025	84
Kingfisher (<i>Alcedo atthis</i>)	Bird	N00, N01, N10, N11	24/09/2024	59
Marsh Harrier (<i>Circus aeruginosus</i>)	Bird	N00, N11	11/01/2023	4
Mediterranean Gull (<i>Ichthyæetus melanocephalus</i>)	Bird	N11	18/07/2020	1
Merlin (<i>Falco columbarius</i>)	Bird	N00, N01, N11	27/03/2024	42
Nightjar (<i>Caprimulgus europæus</i>)	Bird	N00, N01, N10, N11	31/07/1972	4
Red Kite (<i>Milvus milvus</i>)	Bird	N00	18/03/2024	1
Red-necked Phalarope (<i>Phalaropus lobatus</i>)	Bird	N00, N11	20/06/2018	5
Ruff (<i>Calidris pugnax</i>)	Bird	N00, N01, N11	22/10/2023	9
Short-eared Owl (<i>Asio flammeus</i>)	Bird	N00, N01, N10, N11	03/05/2016	5
Spotted Crake (<i>Porzana porzana</i>)	Bird	N01	16/06/1993	1
White-tailed Eagle (<i>Haliaeetus albicilla</i>)	Bird	N00, N01, N11	24/09/2024	3
Whooper Swan (<i>Cygnus cygnus</i>)	Bird	N00, N01, N10, N11	18/01/2025	115
Golden Plover (<i>Pluvialis apricaria</i>)	Bird	N00, N01, N10, N11	18/01/2025	135
Little Egret (<i>Egretta garzetta</i>)	Bird	N00, N01, N11	03/01/2025	62
Peregrine (<i>Falco peregrinus</i>)	Bird	N00, N01, N11	03/01/2025	25

Species	Group	Grid	Date	Total Record Count
Smooth Newt (<i>Lissotriton vulgaris</i>)	Amphibian	N00, N01, N10, N11	30/05/2018	5
Common Frog (<i>Rana temporaria</i>)	Amphibian	N00, N01, N10, N11	16/02/2023	46
Great Spotted Woodpecker (<i>Dendrocopos major</i>)	Bird	N00, N01, N11	17/01/2025	11
Atlantic Salmon (<i>Salmo salar</i>)	Bony fish (<i>Actinopterygii</i>)	N11	19/05/2012	1
Little Grebe (<i>Tachybaptus ruficollis</i>)	Bird	N00, N01, N10, N11	11/10/2025	109
Mistle Thrush (<i>Turdus viscivorus</i>)	Bird	N00, N01, N10, N11	18/01/2025	194
Fir Clubmoss (<i>Huperzia selago</i>)	Clubmoss	N00, N01, N11	30/06/2021	7
White-clawed Crayfish (<i>Austropotamobius pallipes</i>)	Crustacean	N00, N10, N11	01/08/2023	22
Meadow Barley (<i>Hordeum secalinum</i>)	Flowering plant	N01	31/12/1998	4
Reed Warbler (<i>Acrocephalus scirpaceus</i>)	Bird	N11	18/05/2024	7
Robin (<i>Erithacus rubecula</i>)	Bird	N00, N01, N10, N11	12/08/2025	356
Marsh Fritillary (<i>Euphydryas aurinia</i>)	Insect - butterfly	N00, N01, N10, N11	13/09/2024	30
Sparrowhawk (<i>Accipiter nisus</i>)	Bird	N00, N01, N10, N11	25/12/2024	81
Stonechat (<i>Saxicola rubicola</i>)	Bird	N00, N01, N10, N11	12/08/2025	134
Brook Lamprey (<i>Lampetra planeri</i>)	Jawless fish (<i>Agnatha</i>)	N11	19/05/2012	1
<i>Cladonia portentosa</i>	Lichen	N11	19/05/2012	1
Reindeer Moss (<i>Cladonia rangiferina</i>)	Lichen	N11	19/05/2012	1
Geyer's Whorl Snail (<i>Vertigo</i> (<i>Vertigo</i>) <i>geyeri</i>)	Mollusc	N00, N10	25/08/2005	12
Desmoulin's Whorl Snail (<i>Vertigo</i> (<i>Vertigo</i>) <i>mouliinsiana</i>)	Mollusc	N00, N11	25/08/2005	6
Acute-leaved Bog-moss (<i>Sphagnum capillifolium</i> s.l.)	Moss	N00, N01, N10	06/02/2012	4
Austin's Bog-moss (<i>Sphagnum austinii</i>)	Moss	N00, N01, N11	18/05/2012	6
Blunt-leaved Bog-moss (<i>Sphagnum palustre</i>)	Moss	N01, N11	18/05/2012	3
Compact Bog-moss (<i>Sphagnum compactum</i>)	Moss	N11	18/05/2012	3
Cow-horn Bog-moss (<i>Sphagnum auriculatum</i>)	Moss	N00, N01	19/05/2012	4
Feathery Bog-moss (<i>Sphagnum cuspidatum</i>)	Moss	N00, N01, N11	18/05/2012	6
Flat-topped Bog-moss (<i>Sphagnum fallax</i>)	Moss	N00, N01, N11	15/05/2009	3
Fringed Bog-moss (<i>Sphagnum fimbriatum</i>)	Moss	N01	12/05/2009	1

Species	Group	Grid	Date	Total Record Count
Large White-moss (<i>Leucobryum glaucum</i> sensu Smith (2004))	Moss	N00, N01, N11	15/05/2009	4
Papillose Bog-moss (<i>Sphagnum papillosum</i>)	Moss	N00, N01, N10, N11	18/05/2012	8
Red Bog-moss (<i>Sphagnum rubellum</i>)	Moss	N11	18/05/2012	2
Russow's Bog-moss (<i>Sphagnum russowii</i>)	Moss	N01	12/05/2009	1
Soft Bog-moss (<i>Sphagnum tenellum</i>)	Moss	N00, N01, N11	18/05/2012	7
<i>Sphagnum beothuk</i>	Moss	N00	07/06/1965	1
<i>Sphagnum subnitens</i> subsp. <i>subnitens</i>	Moss	N01	15/05/2009	1
Spiky Bog-moss (<i>Sphagnum squarrosum</i>)	Moss	N01	12/05/2009	1
Common Lizard (<i>Zootoca vivipara</i>)	Reptile	N00, N01, N10	02/09/1975	8
Badger (<i>Meles meles</i>)	Terrestrial mammal	N00, N01, N10, N11	09/02/2024	383
Hedgehog (<i>Erinaceus europaeus</i>)	Terrestrial mammal	N00, N01, N10, N11	26/04/2025	84
Pygmy Shrew (<i>Sorex minutus</i>)	Terrestrial mammal	N00, N01, N10, N11	08/09/2021	54
Red Deer (<i>Cervus elaphus</i>)	Terrestrial mammal	N01, N11	04/05/2014	3
Red Squirrel (<i>Sciurus vulgaris</i>)	Terrestrial mammal	N00, N01, N10, N11	09/12/2018	61
Pine Marten (<i>Martes martes</i>)	Terrestrial mammal	N00, N01, N10, N11	17/08/2021	71
Brown Long-eared Bat (<i>Plecotus auritus</i>)	Terrestrial mammal	N00, N10	01/07/2018	6
Common Pipistrelle (<i>Pipistrellus pipistrellus</i> sensu stricto)	Terrestrial mammal	N00, N01, N10, N11	15/08/2019	99
Daubenton's Bat (<i>Myotis daubentonii</i>)	Terrestrial mammal	N00, N01, N10, N11	04/09/2021	355
Leisler's Bat (<i>Nyctalus leisleri</i>)	Terrestrial mammal	N00, N01, N10, N11	15/08/2019	79
Nathusius's Pipistrelle (<i>Pipistrellus nathusii</i>)	Terrestrial mammal	N00	21/07/2009	1
Natterer's Bat (<i>Myotis nattereri</i>)	Terrestrial mammal	N00	14/09/2018	3
Pipistrelle (<i>Pipistrellus pipistrellus</i> sensu lato)	Terrestrial mammal	N00, N01, N11	15/08/2019	13
Soprano Pipistrelle (<i>Pipistrellus pygmaeus</i>)	Terrestrial mammal	N00, N01, N10, N11	22/05/2019	45
Whiskered Bat (<i>Myotis mystacinus</i>)	Terrestrial mammal	N00	18/06/2008	3
Otter (<i>Lutra lutra</i>)	Terrestrial mammal	N00, N01, N10, N11	23/11/2018	46

Table 1 Protected Species Records (NBDC, 2026)

Species	Group	Grid	Date	Total Record Count
Greylag Goose (<i>Anser anser</i>)	Bird	N00, N01, N11	12/08/2025	Total Record Count
Spanish Bluebell (<i>Hyacinthoides hispanica</i>)	Flowering plant	N00, N10, N11	30/05/2023	46
Roach (<i>Rutilus rutilus</i>)	Bony fish (<i>Actinopterygii</i>)	N11	29/05/2018	1
Canadian Waterweed (<i>Elodea canadensis</i>)	Flowering plant	N01, N11	18/05/2014	7
Fallow Deer (<i>Dama dama</i>)	Terrestrial mammal	N00, N01, N10, N11	09/02/2024	31
Canada Goose (<i>Branta canadensis</i>)	Bird	N01, N11	30/08/2006	3
Zebra Mussel (<i>Dreissena polymorpha</i>)	Mollusc	N01	05/10/2023	8
Quagga Mussel (<i>Dreissena rostriformis bugensis</i>)	Mollusc	N01	05/10/2023	5
Three-cornered Garlic (<i>Allium triquetrum</i>)	Flowering plant	N00	04/04/2025	11
Fringed Water-lily (<i>Nymphoides peltata</i>)	Flowering plant	N00	31/12/2010	1
Corbicula fluminea	Mollusc	N01	18/07/2022	4
Rhododendron ponticum	Flowering plant	N00, N01, N10, N11	09/02/2024	6
Two-spined Acaena (<i>Acaena ovalifolia</i>)	Flowering plant	N10	31/12/1969	1
Bank Vole (<i>Myodes glareolus</i>)	Terrestrial mammal	N00, N01, N10	23/06/2013	11
Black Currant (<i>Ribes nigrum</i>)	Flowering plant	N00, N10, N11	19/05/2012	6
Budapest Keeled Slug (<i>Tandonia budapestensis</i>)	Mollusc	N00, N10, N11	29/10/1997	6
Butterfly-bush (<i>Buddleja davidii</i>)	Flowering plant	N00, N01, N10	06/11/2022	5
Canadian Fleabane (<i>Conyza canadensis</i>)	Flowering plant	N01	14/01/2018	1
Common Garden Snail (<i>Cornu aspersum</i>)	Mollusc	N00, N01, N10, N11	28/10/1978	7
Douglas Fir (<i>Pseudotsuga menziesii</i>)	Conifer	N11	27/08/2003	2
Evergreen Oak (<i>Quercus ilex</i>)	Flowering plant	N00	08/12/2024	2
False-acacia (<i>Robinia pseudoacacia</i>)	Flowering plant	N00	13/08/2009	1
Feral Goat (<i>Capra hircus</i>)	Terrestrial mammal	N11	04/06/2012	1
Greater White-toothed Shrew (<i>Crocidura russula</i>)	Terrestrial mammal	N00, N10	09/04/2020	9
Himalayan Honeysuckle (<i>Leycesteria formosa</i>)	Flowering plant	N00	22/10/2022	2
Jenkins' Spire Snail (<i>Potamopyrgus antipodarum</i>)	Mollusc	N00, N01, N10, N11	17/08/2017	42
Pampas-grass (<i>Cortaderia selloana</i>)	Flowering plant	N00	05/01/2019	1
Pitcherplant (<i>Sarracenia purpurea</i>)	Flowering plant	N00	30/04/1984	8
Rabbit (<i>Oryctolagus cuniculus</i>)	Terrestrial mammal	N00, N01, N10, N11	24/07/2018	36
Sowerby's Keeled Slug (<i>Tandonia sowerbyi</i>)	Mollusc	N00, N10	17/09/1977	3
Sycamore (<i>Acer pseudoplatanus</i>)	Flowering plant	N00, N01, N10, N11	03/06/2024	53
Traveller's-joy (<i>Clematis vitalba</i>)	Flowering plant	N00, N01, N10	04/05/2020	10

Species	Group	Grid	Date	Total Record Count
Wall Cotoneaster (<i>Cotoneaster horizontalis</i>)	Flowering plant	N01	14/01/2018	1
Wrinkled Snail (<i>Xeroplexa intersecta</i>)	Mollusc	N00, N11	31/12/1999	4
Brown Rat (<i>Rattus norvegicus</i>)	Terrestrial mammal	N00, N01, N10, N11	22/09/2014	21
Cherry Laurel (<i>Prunus laurocerasus</i>)	Flowering plant	N00, N01, N10	28/01/2021	5
House Mouse (<i>Mus musculus</i>)	Terrestrial mammal	N10, N11	14/01/2018	2
American Skunk-cabbage (<i>Lysichiton americanus</i>)	Flowering plant	N00	28/03/2019	1
Sika Deer (<i>Cervus nippon</i>)	Terrestrial mammal	N01	23/06/2012	1
American Mink (<i>Neovison vison</i>)	Terrestrial mammal	N00, N01, N10, N11	08/10/2018	14
Giant Knotweed (<i>Fallopia sachalinensis</i>)	Flowering plant	N00	26/07/2018	5
Japanese Knotweed (<i>Fallopia japonica</i>)	Flowering plant	N00, N01, N10	06/07/2018	6
Giant Hogweed (<i>Heracleum mantegazzianum</i>)	Flowering plant	N00	29/05/2003	1
Grey Squirrel (<i>Sciurus carolinensis</i>)	Terrestrial mammal	N00, N01, N10, N11	31/12/2010	19
Nuttall's Waterweed (<i>Elodea nuttallii</i>)	Flowering plant	N01	18/05/2014	4
Giant-rhubarb (<i>Gunnera tinctoria</i>)	Flowering plant	N00, N10	23/04/2020	6
Himalayan Balsam (<i>Impatiens glandulifera</i>)	Flowering plant	N00, N01, N10	27/07/2019	39
Parrot's-feather (<i>Myriophyllum aquaticum</i>)	Flowering plant	N00, N11	05/08/2024	4

Table 2 Invasive Species Records (NBDC, 2026)