



Cush Wind Farm

Environmental Impact Assessment Report

Annex 5.6: Desktop Study Data

Cush Wind Limited

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Species		Date of Record	Designation/Conservation Status	Grid Square
Records of bat species (NPWS, NBDC, 2023)				
Brown long-eared bat	<i>Plecotus auritus</i>	26/08/2010	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00, N01
Daubenton's bat	<i>Myotis daubentonii</i>	25/08/2014	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00, N01, N10, N11
Lesser Noctule	<i>Nyctalus leisleri</i>	06/08/2014	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00, N01, N10
Nathusius' pipistrelle	<i>Pipistrellus nathusii</i>	21/07/2009	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00
Pipistrelle species	<i>Pipistrellus pipistrellus sensu lato</i>	06/08/2014	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00, N01, N10, N11
Soprano pipistrelle	<i>Pipistrellus pygmaeus</i>	25/07/2012	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00, N01, N10, N11
Natterer's bat	<i>Myotis nattereri</i>	26/08/2010	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00
Whiskered bat	<i>Myotis mystacinus</i>	18/06/2008	Wildlife Act, 1976 (as amended) Annex IV of the Habitats Directive	N00
Records of Mammal species (NPWS, NBDC, 2023)				
Eurasian Badger	<i>Meles meles</i>	2018	Wildlife Act, 1976 (as amended)	M92 N02 N00 N01
Eurasian Otter	<i>Lutra lutra</i>	2013	Wildlife Act, 1976 (as amended) Annex II of the Habitats Directive	M92 N02 N01 N00
Eurasian Pygmy Shrew	<i>Sorex minutus</i>	2013	Wildlife Act, 1976 (as amended)	N00
Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2018	Wildlife Act, 1976 (as amended)	M92 N00
Fallow Deer	<i>Dama dama</i>	2006	Wildlife Act, 1976 (as amended)	N01 N00
Irish Hare	<i>Lepus timidus subsp. hibernicus</i>	2010	Wildlife Act, 1976 (as amended)	M92 N02 N01

Species		Date of Record	Designation/Conservation Status	Grid Square
				N00
Irish Stoat	<i>Mustela erminea subsp. hibernica</i>	2005	Wildlife Act, 1976 (as amended)	N01 N00
Pine Marten	<i>Martes martes</i>	2021	Wildlife Act, 1976 (as amended)	M92 N01 N00
West European Hedgehog	<i>Erinaceus europaeus</i>	1988	Wildlife Act, 1976 (as amended)	M92 N02 N01 N00
Records of rare and/or protected plant species (NPWS, NBDC, 2023)				
Autumn Lady's-tresses	<i>Spiranthes spiralis</i>	2008	Near threatened	N00
Fly Orchid	<i>Ophrys insectifera</i>	2008	Near threatened	N01
Green-winged Orchid	<i>Orchis morio</i>	2021	Vulnerable and Near Threatened	N00, N01
Lustrous Bog-moss	<i>Sphagnum subnitens</i>	2005	Least Concern. Protected by Habitats Directive [92/42/EEC] Annex V	N00
Magellanic Bog-moss	<i>Sphagnum magellanicum</i>	2005	Genus is protected under Habitats Directive [92/42/EEC] Annex V	N00
Red Hemp-nettle	<i>Galeopsis angustifolia</i>	2007	Endangered.	N01
Meadow Barley	<i>Hordeum secalinum</i>	1998	Vulnerable. Flora (Protection) Order, 2015	N01
Records of rare and/or protected invertebrate species (NPWS, NBDC, 2023)				
Desmoulin's Whorl Snail	<i>Vertigo moulinsiana</i>	2005	Habitats Directive [92/42/EEC] Annex II	N00
Geyer's Whorl Snail	<i>Vertigo geyeri</i>	2005	Habitats Directive [92/42/EEC] Annex II	N00

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White-clawed Crayfish	<i>Austropotamobius pallipes</i>	2008	Habitats Directive (92/43/EEC), Annex II, Annex V. Wildlife Act (1976), as amended.	N0164709141 Little Brosna river Blackwater (Shannon Bridge)
Marsh Fritillary	<i>Eurodryas aurinia</i>	2010	Habitats Directive [92/42/EEC] Annex II	N01
Brook Lamprey	<i>Lampetra planeri</i>	1988	Habitats Directive [92/42/EEC] Annex II Fisheries Acts 1959 to 2006	N00 Little Brosna / Riverstown Bridge
Records of Protected Amphibian species (NPWS, NBDC, 2023)				
Smooth Newt	<i>Lissotriton vulgaris</i>	2011	Wildlife Act, 1976 (as amended)	N01
Common Frog	<i>Rana temporaria</i>	2011	Wildlife Act, 1976 (as amended)	N00, N01

Species	Date of Record	Designation	Conservation Status	
Records of Protected Amphibian species (NBDC, NPWS 2023)				
Barn Owl	<i>Tyto alba</i>	08/11/2019	Wildlife Act, 1976 (as amended)	Red Listed N00, N01, N10, N11
Barn Swallow	<i>Hirundo rustica</i>	24/08/2018	Wildlife Act, 1976 (as amended)	Amber Listed N00, N01, N10, N11
Bar-tailed Godwit	<i>Limosa lapponica</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Red Listed N01

Species		Date of Record	Designation	Conservation Status	
			Annex I Birds Directive		
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	02/02/2015	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Black-tailed Godwit	<i>Limosa limosa</i>	12/03/2023	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N11
Common Coot	<i>Fulica atra</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Common Kestrel	<i>Falco tinnunculus</i>	12/03/2023	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Common Gull	<i>Larus canus</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N11
Common Kingfisher	<i>Alcedo atthis</i>	11/02/2022	Wildlife Act, 1976 (as amended) Annex I Birds Directive	Amber Listed	N00, N01, N10, N11
Common Linnet	<i>Linaria cannabina</i>	12/03/2023	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Common Pochard	<i>Aythya ferina</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N11
Common Quail	<i>Coturnix coturnix</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Red Listed	N10, N11
Common Redshank	<i>Tringa totanus</i>	26/02/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N11
Common Sandpiper	<i>Actitis hypoleucos</i>	31/07/1991	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11

Species		Date of Record	Designation	Conservation Status	
Common Shelduck	<i>Tadorna tadorna</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber Listed	N01
Common Snipe	<i>Gallinago gallinago</i>	11/12/2022	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Common Starling	<i>Sturnus vulgaris</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Common Swift	<i>Apus apus</i>	18/05/2018	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Corncrake	<i>Crex crex</i>	21/07/1991	Wildlife Act, 1976 (as amended) Annex I Birds Directive	Red Listed	N00, N01, N10, N11
Dunlin	<i>Calidris alpina</i>	26/02/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N11
Eurasian Curlew	<i>Numenius arquata</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Eurasian Teal	<i>Anas crecca</i>	12/03/2023	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Eurasian Wigeon	<i>Anas penelope</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N11
Eurasian Woodcock	<i>Scolopax rusticola</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
European Golden Plover	<i>Pluvialis apricaria</i>	27/12/2019	Wildlife Act, 1976 (as amended) Annex I Birds Directive	Red Listed	N00, N01, N10, N11
European Greenfinch	<i>Carduelis chloris</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber-listed	N00, N01, N10, N11

Species		Date of Record	Designation	Conservation Status	
European nightjar	<i>Caprimulgus europaeus</i>	31/07/1972	Wildlife Act, 1976 (as amended) Annex I Birds Directive	Red-listed	N00, N01, N10, N11
Gadwall	<i>Anas strepera</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber-listed	N00, N10
Goldcrest	<i>Regulus regulus</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber-listed	N01, N11
Great Cormorant	<i>Phalacrocorax carbo</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber-listed	N00, N01, N11
Great Crested Grebe	<i>Podiceps cristatus</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber-listed	N01, N11
Great White Egret	<i>Ardea alba</i>	31/12/2011	Wildlife Act, 1976 (as amended) Annex I Birds Directive	Red-listed	N00
Greater White-fronted Goose (including Greenland subspecies)	<i>Anser albifrons (flavostris for Greenland subspecies)</i>	27/12/2019	Wildlife Act, 1976 (as amended) Annex I Birds Directive	Amber Listed	N00, N01, N10, N11
Greylag Goose	<i>Anser anser</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber-listed	N00, N11
Grey Partridge	<i>Perdix perdix</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Grey Wagtail	<i>Motacilla cinerea</i>	10/03/2020	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Hen Harrier	<i>Circus cyaneus</i>	08/02/2014	Wildlife Act, 1976 (as amended) Annex I of EU Birds Directive	Amber Listed	N00, N01, N10, N11
Herring Gull	<i>Larus argentatus</i>	29/02/1984	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N10, N11

Species		Date of Record	Designation	Conservation Status	
House Martin	<i>Delichon urbichum</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
House Sparrow	<i>Passer domesticus</i>	11/12/2022	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Lesser Black Backed Gull	<i>Larus fuscus</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber Listed	N01, N11
Little Egret	<i>Egretta garzetta</i>	10/03/2020	Wildlife Act, 1976 (as amended) Annex I of EU Birds Directive	Green Listed	N00, N01, N11
Mallard	<i>Anas platyrhynchos</i>	06/01/2023	Wildlife Act, 1976 (as amended)	Green Listed	N00, N01, N10, N11
Meadow pipit	<i>Anthus pratensis</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Merlin	<i>Falco columbarius</i>	10/01/2017	Wildlife Act, 1976 (as amended) Annex I of EU Birds Directive	Amber Listed	N00, N01, N11
Mute Swan	<i>Cygnus olor</i>	11/12/2022	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N11
Northern Lapwing	<i>Vanellus vanellus</i>	11/12/2022	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Northern Pintail	<i>Anas acuta</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N11
Northern shoveler	<i>Anas clypeata</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N11
Peregrine Falcon	<i>Falco peregrinus</i>	06/01/2023	Wildlife Act, 1976 (as amended)	Green Listed	N00, N01, N11

Species		Date of Record	Designation	Conservation Status	
			Annex I of EU Birds Directive		
Red Grouse	<i>Lagopus lagopus</i>	31/07/1972	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Red Knot	<i>Calidris canutus</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Red Listed	N01
Redwing	<i>Turdus iliacus</i>	27/12/2019	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Ruff	<i>Philomachus pugnax</i>	31/12/2011	Wildlife Act, 1976 (as amended) Annex I of EU Birds Directive	Amber Listed	N00, N01, N11
Sand Martin	<i>Riparia riparia</i>	30/05/2018	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N11
Short-eared Owl	<i>Asio flammeus</i>	03/05/2016	Wildlife Act, 1976 (as amended) Annex II Birds Directive	Amber Listed	N00, N01, N10
Skylark	<i>Alauda arvensis</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Spotted Crake	<i>Porzana porzana</i>	16/06/1993	Wildlife Act, 1976 (as amended) Annex I of EU Birds Directive	Amber Listed	N01
Spotted Flycatcher	<i>Muscicapa striata</i>	22/07/2021	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N10, N11
Stock Dove	<i>Columba oenas</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11
Tufted Duck	<i>Aythya fuligula</i>	31/12/2011	Wildlife Act, 1976 (as amended)	Amber Listed	N00, N01, N11

Species		Date of Record	Designation	Conservation Status	
Whinchat	<i>Saxicola rubetra</i>	31/07/1991	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N11
Whooper Swan	<i>Cygnus cygnus</i>	09/02/2021	Wildlife Act, 1976 (as amended) Annex I of EU Birds Directive	Amber Listed	N00, N01, N10, N11
Yellowhammer	<i>Emberiza citrinella</i>	12/03/2021	Wildlife Act, 1976 (as amended)	Red Listed	N00, N01, N10, N11