

# Appendix 10.3

## Appendix 10.3: NBDC Records

### **NBDC Protected Species Records from within 2km of the Proposed Site (Excluding Birds)<sup>1</sup>**

Scientific Name	Common Name	Date of Last Record	Designation
<i>Lissotriton vulgaris</i>	Smooth Newt	30/06/1975	Wildlife Acts
<i>Rana temporaria</i>	Common Frog	22/04/2018	EU Habitats Directive Annex V; Wildlife Acts
<i>Hordeum secalinum</i>	Meadow Barley	31/12/1845	Flora Protection Order
<i>Euphydryas aurinia</i>	Marsh Fritillary	23/04/2019	EU Habitats Directive Annex II
<i>Entosthodon muhlenbergii</i>		31/12/1835	Flora Protection Order
<i>Bryum intermedium</i>	Many-seasoned Thread-moss	31/12/1880	Flora Protection Order
<i>Orthotrichum pallens</i>	Pale Bristle-moss	31/12/1880	Flora Protection Order
<i>Scleropodium tourettii</i>	Glass-wort Feather-moss	31/01/1876	Flora Protection Order
<i>Tortula wilsonii</i>	Wilson's Pottia	31/12/1872	Flora Protection Order
<i>Cervus nippon</i>	Sika Deer	31/12/2008	High Impact Invasive Species Regulation S.I. 477 (Ireland); Wildlife Acts
<i>Dama dama</i>	Fallow Deer	31/12/2008	High Impact Invasive Species Regulation S.I. 477 (Ireland); Wildlife Acts
<i>Erinaceus europaeus</i>	West European Hedgehog	15/09/2017	Wildlife Acts
<i>Lutra lutra</i>	European Otter	12/05/2017	EU Habitats Directive Annex II; Annex IV; Wildlife Acts
<i>Meles meles</i>	Eurasian Badger	09/08/2017	Wildlife Acts
<i>Pipistrellus pipistrellus sensu lato</i>	Pipistrelle	16/09/2007	EU Habitats Directive Annex IV; Wildlife Acts
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	16/09/2007	EU Habitats Directive Annex IV; Wildlife Acts
<i>Sciurus vulgaris</i>	Eurasian Red Squirrel	31/12/2012	Wildlife Acts

### **NBDC High Impact Invasive Species Records from within 2km of the Proposed Site**

<sup>1</sup> NBDC database last accessed 28<sup>th</sup> September 2019

Scientific Name	Common Name	Date of Last Record	Designation
<i>Fallopia japonica</i>	Japanese Knotweed	14/09/2017	High Impact Invasive Species Regulation S.I. 477 (Ireland)
<i>Fallopia japonica x sachalinensis = F. x bohemica</i>		01/06/2014	High Impact Invasive Species Regulation S.I. 477 (Ireland)
<i>Impatiens glandulifera</i>	Indian Balsam	10/10/2015	High Impact Invasive Species Regulation S.I. 477 (Ireland)
<i>Persicaria wallichii</i>	Himalayan Knotweed	12/10/2017	Medium Impact Invasive Species Regulation S.I. 477 (Ireland)
<i>Prunus laurocerasus</i>	Cherry Laurel	07/04/2018	High Impact Invasive Species
<i>Harmonia axyridis</i>	Harlequin Ladybird	30/10/2018	High Impact Invasive Species Regulation S.I. 477 (Ireland)
<i>Mus musculus</i>	House Mouse	31/12/1968	High Impact Invasive Species
<i>Mustela vison</i>	American Mink	05/07/2016	High Impact Invasive Species Regulation S.I. 477 (Ireland)
<i>Rattus norvegicus</i>	Brown Rat	12/11/2015	High Impact Invasive Species Regulation S.I. 477 (Ireland)

### **NBDC Bird Records from within 2km of the Proposed Site**

Species Name	Common Name	Date of Last Record	Data Source <sup>2</sup>	Designation and Protection <sup>3</sup>
<i>Actitis hypoleucos</i>	Common Sandpiper	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Alauda arvensis</i>	Sky Lark	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Alcedo atthis</i>	Common Kingfisher	31/12/2011	Balmer et al. (2013)	Wildlife Acts; EU Birds Directive Annex I Bird Species; Amber List
<i>Anas clypeata</i>	Northern Shoveler	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Anas crecca</i>	Eurasian Teal	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Anas penelope</i>	Eurasian Wigeon	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Anas querquedula</i>	Garganey	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Anas strepera</i>	Gadwall	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List

<sup>2</sup> Data sourced from records held on the National Biodiversity Centre online database

<sup>3</sup> Designation and protection under the Irish Wildlife Acts, the EU Birds Directive and the Birds of Conservation Concern in Ireland (Colhoun and Cummins, 2013)

Species Name	Common Name	Date of Last Record	Data Source <sup>2</sup>	Designation and Protection <sup>3</sup>
<i>Anser anser</i>	Greylag Goose	31/12/2011	Balmer et al. (2013)	Invasive Species Regulation S.I. 477 (Ireland); Wildlife Acts; Amber List
<i>Apus apus</i>	Common Swift	14/06/2016	NBDC data	Wildlife Acts; Amber List
<i>Asio flammeus</i>	Short-eared Owl	29/02/1984	Lack (1986)	Wildlife Acts; EU Birds Directive Annex I Bird Species; Amber List
<i>Aythya ferina</i>	Common Pochard	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Aythya fuligula</i>	Tufted Duck	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Aythya marila</i>	Greater Scaup	29/02/1984	Lack (1986)	Wildlife Acts; Amber List
<i>Branta bernicla</i>	Brent Goose	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Branta canadensis</i>	Canada Goose	31/12/2011	Balmer et al. (2013)	High Impact Invasive Species Regulation S.I. 477 (Ireland); Wildlife Acts
<i>Bucephala clangula</i>	Common Goldeneye	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Calidris alpina</i>	Dunlin	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Calidris canutus</i>	Red Knot	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Carduelis cannabina</i>	Common Linnet	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Charadrius hiaticula</i>	Ringed Plover	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Circus cyaneus</i>	Hen Harrier	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Columba oenas</i>	Stock Pigeon	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Crex crex</i>	Corn Crake	31/07/1972	Sharrock, J.T.R. (ed.) (1976)	Wildlife Acts; Annex I Bird Species; Red List
<i>Cygnus cygnus</i>	Whooper Swan	31/12/2001	Crowe, O. (2005)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Cygnus olor</i>	Mute Swan	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Delichon urbicum</i>	House Martin	14/06/2016	Birds of Ireland	Wildlife Acts; Amber List
<i>Egretta garzetta</i>	Little Egret	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species

Species Name	Common Name	Date of Last Record	Data Source <sup>2</sup>	Designation and Protection <sup>3</sup>
<i>Emberiza citrinella</i>	Yellowhammer	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Falco columbarius</i>	Merlin	29/02/1984	Lack (1986)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Falco peregrinus</i>	Peregrine Falcon	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species
<i>Falco tinnunculus</i>	Common Kestrel	14/08/2016	Birds of Ireland	Wildlife Acts; Amber List
<i>Fulica atra</i>	Common Coot	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Gallinago gallinago</i>	Common Snipe	22/12/2016	Birds of Ireland	Wildlife Acts; Amber List
<i>Gavia immer</i>	Great Northern Diver	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species
<i>Gavia stellata</i>	Red-throated Diver	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Haematopus ostralegus</i>	Eurasian Oystercatcher	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Hirundo rustica</i>	Barn Swallow	14/06/2016	Birds of Ireland	Wildlife Acts; Amber List
<i>Larus argentatus</i>	Herring Gull	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Larus canus</i>	Mew Gull	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Larus fuscus</i>	Lesser Black-backed Gull	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Larus marinus</i>	Great Black-backed Gull	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Larus melanocephalus</i>	Mediterranean Gull	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Larus minutus</i>	Little Gull	29/02/1984	Lack (1986)	Wildlife Acts; Annex I Bird Species
<i>Larus ridibundus</i>	Black-headed Gull	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Limosa lapponica</i>	Bar-tailed Godwit	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Limosa limosa</i>	Black-tailed Godwit	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Locustella naevia</i>	Common Grasshopper Warbler	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Mergus merganser</i>	Goosander	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Milvus milvus</i>	Red Kite	31/12/2011	Balmer et al. (2013)	Wildlife Act; Amber List

Species Name	Common Name	Date of Last Record	Data Source <sup>2</sup>	Designation and Protection <sup>3</sup>
<i>Muscicapa striata</i>	Spotted Flycatcher	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Numenius arquata</i>	Eurasian Curlew	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Oenanthe oenanthe</i>	Northern Wheatear	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Oxyura jamaicensis</i>	Ruddy Duck	31/12/2011	Balmer et al. (2013)	High Impact Invasive Species EU Regulation No. 1143/2014, Regulation S.I. 477 (Ireland)
<i>Passer domesticus</i>	House Sparrow	22/03/2016	NBDC data	Wildlife Acts; Amber List
<i>Perdix perdix</i>	Grey Partridge	31/07/1991	Sharrock, J.T.R. (ed.) (1976)	Wildlife Acts; Red List
<i>Phalacrocorax carbo</i>	Great Cormorant	10/02/2017	NBDC data	Wildlife Acts; Amber List
<i>Pluvialis squatarola</i>	Grey Plover	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Podiceps cristatus</i>	Great Crested Grebe	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Rallus aquaticus</i>	Water Rail	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Riparia riparia</i>	Sand Martin	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Rissa tridactyla</i>	Black-legged Kittiwake	29/02/1984	Lack (1986)	Wildlife Acts; Amber List
<i>Scolopax rusticola</i>	Eurasian Woodcock	24/11/2016	NBDC data	Wildlife Acts; Amber List
<i>Sterna hirundo</i>	Common Tern	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Annex I Bird Species; Amber List
<i>Sturnus vulgaris</i>	Common Starling	22/05/2016	NBDC data	Wildlife Acts; Amber List
<i>Tachybaptus ruficollis</i>	Little Grebe	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Tadorna tadorna</i>	Common Shelduck	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Tringa nebularia</i>	Common Greenshank	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Amber List
<i>Tringa totanus</i>	Common Redshank	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Tyto alba</i>	Barn Owl	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List
<i>Vanellus vanellus</i>	Northern Lapwing	31/12/2011	Balmer et al. (2013)	Wildlife Acts; Red List