

## Appendix 6. D

### Existing ecological records for protected and/or notable species (10 km) – Full table

- The second column indicates species list on Annex II & IV of Habitats Directive, with third column indicating bird species listed on Annex I of the Birds Directive and the fourth column shows species protected under the Wildlife Act, as amended
- Key to Red List Status: EX = Extinct; RE = Regional Extinct; CR = Critically Endangered; EN = Endangered; NT = Near Threatened; VU = Vulnerable; LC = Least Concern; DD = Data Deficient; blank = not listed
- Data sources: 1. NBDC = National Biodiversity Recorded Centre, 2. NPWS = National Parks & Wildlife Service, 3. BCI = Bat Conservation Ireland

Species name	Hab. Dir. (An. II / IV)	Wildlife Acts	Red list status	Most recent record	Data source
Ash ( <i>Fraxinus excelsior</i> )			LC	2009	1
Beech ( <i>fagus sylvatica</i> )				2018	1
Branched bur-reed ( <i>Sparganium erectum</i> )			LC	2008	1
Charlock ( <i>Sinapis arvensis</i> )			LC	2018	1
Common club-rush ( <i>Schoenoplectus lacustris</i> )			LC	2008	1
Common dog-violet ( <i>Viola riviniana</i> )			LC	2020	1
Common duckweed ( <i>Lemna minor</i> )			LC	2005	1
Common fumitory ( <i>Fumaria officinalis</i> )			LC	2019	1
Common ivy ( <i>Hedera helix subsp. Helix</i> )			LC	2018	1
Common nettle ( <i>Urtica dioica</i> )			LC	2018	1
Common ragwort ( <i>Senecio jacobaea</i> )			LC	2017	1
Cow parsley ( <i>Anthriscus sylvestris</i> )			LC	2017	1
Cowslip ( <i>Primula veris</i> )			LC	2014	1
Curled pondweed ( <i>Potamogeton crispus</i> )			LC	2008	1
Groundsel ( <i>Senecio vulgaris</i> )			LC	2018	1
Hawthorn ( <i>Crataegus monogyna</i> )			LC	2008	1
Herb-Robert ( <i>Geranium robertianum</i> L)			LC	2018	1
Ivy ( <i>Hedera helix</i> )			LC	2018	1

Ivy-leaved toadflax ( <i>Cymbalaria muralis</i> )				2018	1
Lesser celandine ( <i>Ranunculus ficaria</i> )			LC	2018	1
Red clover ( <i>Trifolium pratense</i> )			LC	2019	1
Red valerian ( <i>Centranthus ruber</i> )				2018	1
Reed canary-grass ( <i>Phalaris arundinaceae</i> )			LC	2008	1
Water-cress ( <i>Rorippa nasturtium-aquaticum</i> )			LC	2008	1
Maidenhair spleenwort ( <i>Asplenium trichomanes</i> )			LC	2018	1
Rustyback ( <i>Ceterach officinarum</i> )			LC	2018	1
<i>Ancylus fluviatilis</i>			LC	2017	1
<i>Anodonta</i>			VU	2011	1
<i>Arion (Kobeltia)</i>				1984	1
<i>Bithynia</i>			LC	2008	1
Brown lipped snail ( <i>Cepaea (Cepaea) nemoralis</i> )			LC	1984	1
Cellar snail ( <i>Oxychilus (Oxychilus) cellarius</i> )			LC	1984	1
Common chrysalis snail ( <i>Lauria (Lauria) cylindracea</i> )			LC	1984	1
Dusk mussel ( <i>Anodonta (Anodonta) anatine</i> )			VU	2017	1
Lake limpet ( <i>Acroloxus lacustris</i> )	Y	Y	LC	2014	1
Netted slug ( <i>Deroceras (deroceras) reticulatum</i> )			LC	1984	1
<i>Pisidium</i>				2017	1
Smooth glass snail ( <i>Aegopinella nitidula</i> )			LC	1984	1
<i>Sphaerium</i>				2017	1
Strawberry snail ( <i>Trochulus (trochulus) striolatus</i> )			LC	1984	1
Two-toothed door snail ( <i>Clausilia (clausilia) bidentata</i> )			LC	1984	1
Freshwater white-clawed crayfish ( <i>Austropotamobius pallipes</i> )	Y	Y	CR	2015	1
<i>Asellus</i>				2017	1
<i>Gammarus</i>				2017	1

<i>Gammarus duebeni</i>				2011	1
<i>Acari</i>				2014	1
<i>Aceria cephalonea</i>				2015	1
<i>Glossiphonia</i>				2008	1
<i>Glossiphonia complanata</i>				2008	1
<i>Lumbricidae</i>				2017	1
<i>Lumbriculidae</i>				2014	1
<i>Tubificidae</i>				2011	1
<i>Amaurobius spider</i>				2019	1
Agabus beetle ( <i>Gaurodytes bipustulatus</i> )				2007	1
Beetle - <i>Anacaena lutescens</i>				2007	1
Beetle - <i>Elmidae</i>				2011	1
Beetle - <i>Elmis aenea</i>				2017	1
Beetle - <i>Helophorus (atracthelophorus) brevipalpis</i>				2007	1
Beetle - <i>Hydrobius fuscipes</i>				2007	1
Beetle - <i>Hydroporus striola</i>				2007	1
Beetle - <i>Hydroporus tessellatus</i>				2007	1
Beetle - <i>Ilybius fuliginosus</i>				2007	1
Beetle - <i>Ilybius quadriguttatus</i>				2007	1
Beetle - <i>Limnius volckmaria</i>				2017	1
Brimstone butterfly ( <i>Gonepteryx rhamni</i> )				2019	1
Green-veined white butterfly ( <i>Pieris napi</i> )				2019	1
Meadow brown butterfly ( <i>Maniola jurtina</i> )				2006	1
Orange-tip butterfly ( <i>Anthocharis cardamines</i> )				2019	1
Peacock butterfly ( <i>Inachis io</i> )				2019	1
Ringlet butterfly ( <i>Aphantopus cardamines</i> )				2006	1
Small tortoiseshell butterfly ( <i>Aglais urticae</i> )				2020	1
Speckled wood butterfly ( <i>Pararge aegeria</i> )				2021	1
Caddisfly ( <i>Allotrichia pallicornis</i> )				2015	1

Caddisfly ( <i>Athripsodes cinereus</i> )				2015	1
Caddisfly ( <i>Glossosomatidae</i> )				2014	1
Caddisfly ( <i>Hydropsyche</i> )				2017	1
Caddisfly ( <i>Hydropsyche angustipennis</i> )				2015	1
Caddisfly ( <i>Hydropsyche pellucidula</i> )				2015	1
Caddisfly ( <i>Hydropsyche siltalai</i> )				2015	1
Caddisfly ( <i>Hydroptilidae</i> )				2017	1
Caddisfly ( <i>Lepidostomatidae</i> )				2014	1
Caddisfly ( <i>Leptoceridae</i> )				2017	1
Caddisfly ( <i>Limnephilidae</i> )				2011	1
Caddisfly ( <i>Polycentropus</i> )				2014	1
Caddisfly ( <i>Polycentropus flavomaculatus</i> )				2015	1
Caddisfly ( <i>Rhyacophila</i> )				2017	1
Caddisfly ( <i>Rhyacophila dorsalis</i> )				2015	1
Caddisfly ( <i>Sericostoma</i> )				2017	1
Caddisfly ( <i>Silo nigricornis</i> )				2015	1
Caddisfly ( <i>Tinodes waeneri</i> )				2015	1
Banded demoiselle damselfly ( <i>Calopteryx splendens</i> )			LC	2011	1
Common hawk dragonfly ( <i>Aeshna juncea</i> )				2020	1
Large red damselfly ( <i>Pyrrhosoma nymphula</i> )				2006	1
Andrena ( <i>Andrena</i> ) clarkella				2017	1
<i>Bombus lucorum</i> agg.				2019	1
Early bumble bee ( <i>Bombus</i> ( <i>Pyrobombus</i> ) pratorum)				2016	1
Early mining bee ( <i>Andrena</i> ( <i>Trachandrena</i> ) haemorrhoea)				2013	1
Gooden's nomad bee ( <i>Nomada goodeniana</i> )				2017	1
<i>Halictus</i> ( <i>Halictus</i> ) rubicundus				2017	1
Large red tailedbumble bee ( <i>Bombus</i> ( <i>melanobombus</i> ) lapidaries)				2019	1

<i>Alainites muticus</i>				2017	1
Angler's curse ( <i>Caenis luctuosa</i> )				1991	1
<i>Baetis</i>				2017	1
<i>Baetis rhodani</i>				1991	1
<i>Canis</i>				1991	1
<i>Caenis rivulorum</i>				2017	1
<i>Centroptilum luteolum</i>				1991	1
Mayfly - <i>Ecdyonurus</i>				2017	1
Mayfly - <i>Ecdyonurus dispar</i>				1991	1
Mayfly - Green drake ( <i>Ephemera Danica</i> )				2017	1
Mayfly – <i>Heptagenia</i>				2014	1
Mayfly - <i>Rhithrogena</i>				2011	1
Mayfly – <i>Serratella ignita</i>				2017	1
Cinnabar moth ( <i>Tyria jacobaeae</i> )				2017	1
Straw grass-veneer moth ( <i>Agriphilia straminella</i> )				2006	1
<i>Udea lutealis</i> moth				2006	1
<i>Isoperla grammatica</i> moth				1984	1
Flatworm - <i>Dendrocoelum</i>				2008	1
Blunt-tailed snake millipede ( <i>Cylindroiulus punctatus</i> )				1996	1
<i>Brachychaeteuma bagnalli</i> millipede				1996	1
Stonefly - <i>Leuctra</i>				2017	1
Stonefly – <i>Nemouridae</i>				2011	1
True bug – <i>Aphelocheirus (Aphelocheirus) aestivalis</i>				2005	1
True bug – Common backswimmer ( <i>Notonecta (notonecta) glauca</i> )				2011	1
True fly - <i>Ceratopogonidae</i>				2008	1
True fly – <i>Chironomidae</i>				2017	1
True fly – <i>Conchapelopia melanops</i>				1992	1
True fly – <i>Cricotopus annulator</i>				1992	1

True fly – <i>Cricotopus bicinctus</i>				1992	1
True fly – <i>Cricotopus fuscus</i>				1992	1
True fly – <i>Cricotopus trifascia</i>				1992	1
True fly - <i>Dicranota</i>				2017	1
True fly – <i>Nilotanypus dubius</i>				1992	1
True fly – <i>Orthocladius glabripennis</i>				1992	1
True fly – <i>Orthocladius oblidens</i>				1992	1
True fly – <i>Orthocladius obumbratus</i>				1992	1
True fly – <i>Orthocladius rubicundus</i>				1992	1
True fly – <i>Orthocladius wetterensis</i>				1992	1
True fly – <i>Paracladius conversus</i>				1992	1
True fly – <i>Parametrioctenus stylatus</i>				1992	1
True fly – <i>Potthastia gaedii</i>				1992	1
True fly – <i>Potthastia longimana</i>				1992	1
True fly – <i>Rheocricotopus effusus</i>				1992	1
True fly – <i>Simuliidae</i>				2017	1
True fly – <i>Synorthocladius semivirens</i>				1992	1
True fly – <i>Tipulidae</i>				2014	1
True fly – <i>Tvetenia calvescens</i>				1992	1
True fly – <i>Tvetenia discoloripes</i>				1992	1
True fly – <i>Tvetenia verralli</i>				1992	1
True fly – <i>Virgatanytarsus triangularis</i>				1992	1
Common Frog ( <i>Rana temporaria</i> )	V			2018	1
Brown Long-eared Bat ( <i>Plecotus auritus</i> )	Y	Y		2009	1, 3
Lesser Noctule ( <i>Nyctalus leisleri</i> )	Y	Y		2018	1, 3
Daubenton's Bat ( <i>Myotis daubentonii</i> )	Y	Y		2018	1, 3
Natterer's Bat ( <i>Myotis nattereri</i> )	Y	Y		N/A	1, 3
Pipistrelle ( <i>Pipistrellus pipistrellus sensu lato</i> )	Y	Y		2018	1, 3
Soprano Pipistrelle ( <i>Pipistrellus pygmaeus</i> )	Y	Y		2018	1, 3

West European Hedgehog ( <i>Erinaceus europaeus</i> )		Y		2021	1
Eurasian Badger ( <i>Meles meles</i> )		Y		2008	1
Red fox ( <i>vulpes vulpes</i> )				2018	1
Wood mouse ( <i>Apodemus sylvaticus</i> )				2010	1
Pine Marten ( <i>Martes martes</i> )		Y		2018	1, 2
European Otter ( <i>Lutra lutra</i> )	Y	Y		2015	1, 2