

APPENDIX 7.2: NBDC ECOLOGY

Table 7.29 NBDC records of protected and invasive species in R56 grid square.

Species name	Date of last record	Designation
Amphibians		
Common Frog (<i>Rana temporaria</i>)	26/03/2023	Wildlife Acts
Smooth Newt (<i>Lissotriton vulgaris</i>)	15/06/2019	Wildlife Acts
Invasive Species		
Dace (<i>Leuciscus leuciscus</i>)	31/12/2004	Regulation S.I. 477
Giant Hogweed (<i>Heracleum mantegazzianum</i>)	07/08/2019	Regulation S.I. 477
Himalayan Knotweed (<i>Persicaria wallichii</i>)	05/10/2020	Regulation S.I. 477
Indian Balsam (<i>Impatiens glandulifera</i>)	03/05/2022	Regulation S.I. 477
Japanese Knotweed (<i>Fallopia japonica</i>)	05/08/2021	Regulation S.I. 477
Zebra Mussel (<i>Dreissena (Dreissena) polymorpha</i>)	31/08/2006	Regulation S.I. 477
Fallow Deer (<i>Dama dama</i>)	31/12/2008	Regulation S.I. 477
American Mink (<i>Mustela vison</i>)	13/03/2010	Regulation S.I. 477
Invertebrates		
Freshwater White-clawed Crayfish (<i>Austropotamobius pallipes</i>)	26/09/2002	Wildlife Acts ; EU Habitats Directive: Annex II and Annex IV
Marsh Fritillary (<i>Euphydryas aurinia</i>)	28/04/2017	EU Habitats Directive: Annex II
Terrestrial Mammals		
Otter (<i>Lutra lutra</i>)	02/09/2010	Wildlife Acts ; EU Habitats Directive: Annex II and Annex IV
Lesser Horseshoe Bat (<i>Rhinolophus hipposideros</i>)	05/07/2012	Wildlife Acts ; EU Habitats Directive: Annex II and Annex IV

Table 7.1: NBDC records of protected and invasive species in R57 grid square.

Species name	Date of last record	Designation
Amphibians		
Common Frog (<i>Rana temporaria</i>)	01/07/2020	Wildlife Acts
Invasives		
Dace (<i>Leuciscus leuciscus</i>)	31/12/2005	Regulation S.I. 477
Roach (<i>Rutilus rutilus</i>)	31/12/2008	Regulation S.I. 477
Canadian Waterweed (<i>Elodea canadensis</i>)	08/07/2015	Regulation S.I. 477
Himalayan Knotweed (<i>Persicaria wallichii</i>)	22/07/2022	Regulation S.I. 477
Indian Balsam (<i>Impatiens glandulifera</i>)	02/07/2018	Regulation S.I. 477
Japanese Knotweed (<i>Fallopia japonica</i>)	07/07/2018	Regulation S.I. 477
Rhododendron ponticum	31/08/2009	Regulation S.I. 477
Zebra Mussel (<i>Dreissena polymorpha</i>)	06/06/2013	Regulation S.I. 477
Fallow Deer (<i>Dama dama</i>)	31/12/2008	Regulation S.I. 477
Invertebrates		
Marsh Fritillary (<i>Euphydryas aurinia</i>)	30/06/2017	EU Habitats Directive: Annex II
Terrestrial Mammals		
Otter (<i>Lutra lutra</i>)	01/09/2010	Wildlife Acts ; EU Habitats Directive: Annex II and Annex IV
Lesser Horseshoe Bat (<i>Rhinolophus hipposideros</i>)	21/01/2015	Wildlife Acts ; EU Habitats Directive: Annex II and Annex IV

Table 7.2: NPWS Sensitive Request Data Response

Latin Name	Common Name	Year	Location	Location Name	Hectad
<i>Sorex minutus</i>	Pygmy Shrew	1969	1969	R56 10 km sq., Co. Clare	R56
<i>Meles meles</i>	Badger	1990	1990		R56
<i>Meles meles</i>	Badger	1990	1990	Cratloe	R56
<i>Meles meles</i>	Badger	1990	1990	Cratloe	R56
<i>Meles meles</i>	Badger	1990	1990	Cratloe	R56
<i>Meles meles</i>	Badger	1990	1990	Cratloe	R56
<i>Lepus timidus subsp. hibernicus</i>	Irish Hare	1990	1990		R56
<i>Martes martes</i>	Pine Marten	1990	1990	Cratloe	R56
<i>Martes martes</i>	Pine Marten	1990	1990		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Lutra lutra</i>	Otter	2005	2005		R56
<i>Scirpus sylvaticus</i>	Wood Club-rush	1903	1903		R56
<i>Lutra lutra</i>	Otter	2010	2010		R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1999	1999		R56
<i>Lutra lutra</i>	Otter	1980	1980	Stream near Oatfield/L193	R56
<i>Lutra lutra</i>	Otter	1980	1980	Stream south of Cloghera/L12A	R56
<i>Lutra lutra</i>	Otter	1980	1980	Stream south of Cappateemore	R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2007	2007		R56
<i>Mustela erminea subsp. hibernica</i>	Irish Stoat	1969	1969	Broadford	R56
<i>Mustela erminea subsp. hibernica</i>	Irish Stoat	1976	1976	Meelick village	R56
<i>Cladonia portentosa</i>	Cladonia portentosa	2003	2003		R56

Latin Name	Common Name	Year	Location	Location Name	Hectad
<i>Lepus timidus subsp. hibernicus</i>	Irish Hare	1990	1990	Cratloe	R56
<i>Austropotamobius pallipes</i>	White-clawed Crayfish	2002	2002		R56
<i>Austropotamobius pallipes</i>	White-clawed Crayfish	1996	1996		R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2006	2006		R56
<i>Meles meles</i>	Badger	1990	1990	Cratloe	R56
<i>Rana temporaria</i>	Common Frog	2003	2003	Woodcock Hill / Cratloe	R56
<i>Martes martes</i>	Pine Marten	2005	2005		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Dama dama</i>	Fallow Deer	2004	2004		R56
<i>Lutra lutra</i>	Otter	1980	1980	Lough Coolmeen outlet	R56
<i>Lutra lutra</i>	Otter	1980	1980	Stream near Glenwood House	R56
<i>Lutra lutra</i>	Otter	1980	1980	Stream east of Ballycannon House	R56
<i>Lampetra planeri</i>	Brook Lamprey	1972	1972	Blackwater (Shannon) / Near Limerick	R56
<i>Lampetra planeri</i>	Brook Lamprey	1990	1990	Blackwater	R56
<i>Lampetra planeri</i>	Brook Lamprey	1990	1990	Blackwater	R56
<i>Petromyzon marinus</i>	Sea Lamprey	N/A	N/A	Blackwater / Cas to Shannon confl	R56
<i>Rana temporaria</i>	Common Frog	2011	2011		R56
<i>Rana temporaria</i>	Common Frog	2011	2011		R56
<i>Rana temporaria</i>	Common Frog	2011	2011		R56
<i>Rana temporaria</i>	Common Frog	2011	2011		R56
<i>Rana temporaria</i>	Common Frog	2011	2011		R56
<i>Rana temporaria</i>	Common Frog	2011	2011		R56
<i>Pseudorchis albida</i>	Small-white Orchid	1961	1961	Cappateemore	R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1999	1999		R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2012	2012		R56
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2008	2008		R56
<i>Erinaceus europaeus</i>	Hedgehog	1969	1969	Broadford F, Co. Clare	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991		R57

Latin Name	Common Name	Year	Location	Location Name	Hectad
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Meles meles</i>	Badger	1991	1991	Kilkishen	R57
<i>Martes martes</i>	Pine Marten	2005	2005	Woodfield, Broadford, Co. Clare	R57
<i>Martes martes</i>	Pine Marten	2005	2005	Drumminakela, Kilkishen, Co. Clare	R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Lutra lutra</i>	Otter	1980	1980	Stream north of The Lodge/L12A	R57
<i>Dama dama</i>	Fallow Deer	2009	2009	R587782	R57
<i>Rana temporaria</i>	Common Frog	2011	2011		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2013	2013		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2008	2008		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2009	2009		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2005	2005		R57
<i>Cephalozia loitlesbergeri</i>	Scissors Pincerwort	2004	2004	Derrymore House, W. of Creevosheedy Bog	R57
<i>Sphagnum austinii</i>	Austin's Bog-moss	2004	2004	Derrymore House, W. of Creevosheedy Bog	R57
<i>Sphagnum fuscum</i>	Rusty Bog-moss	2004	2004	Derrymore House, W. of Creevosheedy Bog	R57
<i>Sphagnum austinii</i>	Austin's Bog-moss	2004	2004	Derrymore House	R57
<i>Sphagnum fuscum</i>	Rusty Bog-moss	2004	2004	Derrymore House	R57
<i>Lutra lutra</i>	Otter	1980	1980	Ahaclare River at Woodfield Bridge/L31	R57
<i>Lutra lutra</i>	Otter	1980	1980	Broadford River at Broadford/L12A	R57
<i>Lutra lutra</i>	Otter	1980	1980	Kilgory Lough - southeast shore	R57

Latin Name	Common Name	Year	Location	Location Name	Hectad
<i>Lutra lutra</i>	Otter	1980	1980	Stream near Liscullaun	R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1980	1980		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1999	1999		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2012	2012		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2014	2014		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2011	2011		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2008	2008		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2011	2011		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1996	1996		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1988	1988		R57
<i>Cladonia portentosa</i>	Cladonia portentosa	2003	2003		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1999	1999		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2014	2014		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2007	2007		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2006	2006		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2000	2000		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Dama dama</i>	Fallow Deer	2004	2004		R57
<i>Lutra lutra</i>	Otter	1980	1980	Ballymacdonnell River/L12A	R57
<i>Lutra lutra</i>	Otter	2010	2010		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1999	1999		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2005	2005		R57

Latin Name	Common Name	Year	Location	Location Name	Hectad
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2006	2006		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2015	2015		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2009	2009		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2010	2010		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2013	2013		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2012	2012		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1997	1997		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2004	2004		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1998	1998		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2007	2007		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2002	2002		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2001	2001		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	2001	2001		R57
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	1999	1999		R57