

Appendix 9.1 Information from CeDAR and NI Bat Group

Taxon Latin Name	Taxon Common Name	Event Spatial Reference	Event Location
Scotopteryx chenopodiata	Shaded Broad-Bar	J38	Newtownabbey
Coenonympha pamphilus	Small Heath	J38	Belfast (Unlocalised)
Coenonympha pamphilus	Small Heath	J38	Cave Hill, Belfast
Coenonympha pamphilus	Small Heath	J38	Cave Hill, Belfast
Coenonympha pamphilus	Small Heath	J38	Cave Hill, Belfast
Coenonympha pamphilus	Small Heath	J38	Cave Hill, Belfast
Cupido minimus	Small Blue	J38	Knockagh, 1.5km NW of Greenisland
Eurodryas aurinia	Marsh Fritillary	J38	Belfast (Unlocalised)
Hipparchia semele	Grayling	J38	Cave Hill, Belfast
Hipparchia semele	Grayling	J38	Cave Hill, Belfast
Hipparchia semele	Grayling	J38	Cave Hill, Belfast
Hipparchia semele	Grayling	J38	Knockagh, 1.5km NW of Greenisland
Lasiommata megera	Wall	J38	Belfast (Unlocalised)
Lasiommata megera	Wall	J38	Cave Hill, Belfast
Lasiommata megera	Wall	J38	Cave Hill, Belfast
Leptidea reali	Leptidea reali	J38	Cave Hill, Belfast
Leptidea reali	Leptidea reali	J38	Cave Hill, Belfast
Leptidea reali	Leptidea reali	J38	Cave Hill, Belfast
Salmo trutta subsp. fario	Brown Trout	J288820	Hyde Park Dam, Hyde Park Lane, Mallusk
Valvata macrostoma	Valvata macrostoma	J288820	Hyde Park Dam, Hyde Park Lane, Mallusk
Lutra lutra	Otter	J280815	Boghil Dam
Lutra lutra	Otter	J2881	Boghil Dam
Lutra lutra	Otter	J289817	Hyde Park Dam, Hyde Park Lane, Mallusk
Salmo trutta subsp. fario	Brown Trout	J280815	Boghil Dam
Salmo trutta subsp. fario	Brown Trout	J289817	Hyde Park Dam, Hyde Park Lane, Mallusk
Lutra lutra	Otter	J2981	Blacks Bridge, Flush River
Cuculus canorus	Cuckoo	J38	Newtownabbey
Tyto alba	Barn Owl	J38	M5 Motorway, Belfast Lough
Apium graveolens	Wild Celery	J38	Woodburn River
Coenonympha pamphilus	Small Heath	J3179	Cave Hill, Belfast

<i>Coenonympha pamphilus</i>	Small Heath	J3179	Cave Hill, Belfast
<i>Crex crex</i>	Corncrake	J38	Newtownabbey
<i>Semiothisa clathrata</i>	Latticed Heath	J3182	Glengormley
<i>Peltigera venosa</i>	<i>Peltigera venosa</i>	J38	Knockagh Hills
<i>Circus cyaneus</i>	Hen Harrier	J38	Woodburn Forest
<i>Eurodryas aurinia</i>	Marsh Fritillary	J3080	Ballyvaston, Cave Hill
<i>Eurodryas aurinia</i>	Marsh Fritillary	J3080	Flush River at Ballyvaston
<i>Zostera angustifolia</i>	Narrow-Leaved Eelgrass	J38	Newtownabbey
<i>Coeloglossum viride</i>	Frog Orchid		Cave Hill, Belfast
<i>Apus apus</i>	Swift	J38	Woodburn Forest
<i>Arctia caja</i>	Garden Tiger	J281795	Ballyutoag (Ballytogue), 2.5km S of Mallusk
<i>Coenonympha pamphilus</i>	Small Heath	J309795	Cave Hill Quarries
<i>Coenonympha pamphilus</i>	Small Heath	J289796	McIlwhans Hill, Ballyutoag
<i>Coenonympha pamphilus</i>	Small Heath	J38	Newtownabbey
<i>Coenonympha pamphilus</i>	Small Heath	J308796	Squire's Hill
<i>Hipparchia semele</i>	Grayling	J38	Newtownabbey
<i>Lasiommata megera</i>	Wall	J38	Newtownabbey
<i>Leptidea reali</i>	<i>Leptidea reali</i>	J38	Newtownabbey
<i>Cygnus cygnus</i>	Whooper Swan	J289817	Hyde Park Dam, Hyde Park Lane, Mallusk
<i>Adoxa moschatellina</i>	Moschatel	J3179	Cave Hill Country Park
<i>Cygnus cygnus</i>	Whooper Swan	J289817	Hyde Park Dam, Hyde Park Lane, Mallusk
<i>Cladopodiella francisci</i>	<i>Cladopodiella francisci</i>	J38	Hightown Road
<i>Orobanche alba</i>	Thyme Broomrape	J3179	Cave Hill, Belfast
<i>Platanthera bifolia</i>	Lesser Butterfly-Orchid	J38	Newtownabbey
<i>Pseudorchis albida</i>	Small-White Orchid	J38	Newtownabbey
<i>Coeloglossum viride</i>	Frog Orchid	J3080	Hightown Road
<i>Platanthera bifolia</i>	Lesser Butterfly-Orchid	J2980	Hightown Landfill Site
<i>Pyrola media</i>	Intermediate Wintergreen	J292803	Hightown Landfill Site
<i>Rosa caesia</i> subsp. <i>glauca</i>	Glaucous Dog-Rose	J2980	Hightown Landfill Site
<i>Turdus torquatus</i>	Ring Ouzel	J3078	Squire's Hill
<i>Phaeophyscia nigricans</i>	<i>Phaeophyscia nigricans</i>	J38	University of Ulster Campus

<i>Physcia caesia</i>	<i>Physcia caesia</i>	J38	University of Ulster Campus
<i>Pyrola minor</i>	Common Wintergreen	J3078	Squire's Hill
<i>Pyrola media</i>	Intermediate Wintergreen	J2879	Ballyutoag (Ballytogue), 2.5km S of Mallusk
<i>Turdus pilaris</i>	Fieldfare	J38	Woodburn Forest
<i>Coeloglossum viride</i>	Frog Orchid	J308796	Squire's Hill
<i>Apus apus</i>	Swift	J3182	Glengormley
<i>Apus apus</i>	Swift	J3182	Glengormley
<i>Apus apus</i>	Swift	J3182	Glengormley
<i>Apus apus</i>	Swift	J3182	Glengormley
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Ballymartin Water, Six Mile Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Ballymartin Water, Six Mile Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Ballymartin Water, Six Mile Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Flush River, Ballymartin Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Flush River, Ballymartin Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Flush River, Ballymartin Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Flush River, Ballymartin Water
<i>Salmo trutta</i> subsp. <i>fario</i>	Brown Trout		Flush River, Ballymartin Water
<i>Cuculus canorus</i>	Cuckoo	J3081	Hightown, Ballyvaston
<i>Viscum album</i>	Mistletoe	J3179	Cave Hill, Belfast
<i>Apium graveolens</i>	Wild Celery	J38	Woodburn River
<i>Bartramia ithyphylla</i>	Straight-leaved Apple-moss	J38	Knockagh War Memorial
<i>Bartramia ithyphylla</i>	Straight-leaved Apple-moss	J38	Woodburn Glen
<i>Platanthera chlorantha</i>	Greater Butterfly-Orchid	J3078	Squire's Hill
<i>Pseudorchis albida</i>	Small-White Orchid	J3078	Squire's Hill
<i>Racomitrium canescens</i>	<i>Racomitrium canescens</i>	J38	Woodburn Glen
<i>Adoxa moschatellina</i>	Moschatel	J3179	Cave Hill Country Park
<i>Pyrola minor</i>	Common Wintergreen	J38	Newtownabbey
<i>Locustella naevia</i>	Grasshopper Warbler	J38	Woodburn Forest
<i>Pseudorchis albida</i>	Small-White Orchid		Cave Hill, Belfast
<i>Pyrola media</i>	Intermediate Wintergreen	J2879	Ballyutoag (Ballytogue), 2.5km S of Mallusk
<i>Coenonympha pamphilus</i>	Small Heath	J38	Newtownabbey

<i>Euphrasia confusa</i>	Eyebright	J3179	Cave Hill, Belfast
<i>Eurodryas aurinia</i>	Marsh Fritillary	J38	Newtownabbey
<i>Hipparchia semele</i>	Grayling	J38	Newtownabbey
<i>Lasiommata megera</i>	Wall	J38	Newtownabbey
<i>Leptidea reali</i>	<i>Leptidea reali</i>	J38	Newtownabbey
<i>Centaurea cyanus</i>	Cornflower	J38	Newtownabbey
<i>Geranium pratense</i>	Meadow Crane's-Bill	J38	Newtownabbey
<i>Pseudorchis albida</i>	Small-White Orchid	J38	Newtownabbey
<i>Platanthera bifolia</i>	Lesser Butterfly-Orchid	J38	Newtownabbey
<i>Platanthera chlorantha</i>	Greater Butterfly-Orchid	J38	Newtownabbey
<i>Pseudorchis albida</i>	Small-White Orchid	J38	Newtownabbey
<i>Coeloglossum viride</i>	Frog Orchid	J2981	Hyde Park, Hightown
<i>Lycopodium clavatum</i>	Stag's-Horn Clubmoss		Ballyutoag (Ballytogue), 2.5km S of Mallusk
<i>Pseudorchis albida</i>	Small-White Orchid	J3180	Collinward, Newtownabbey
<i>Pseudorchis albida</i>	Small-White Orchid	J2980	Sheepheads Hill
<i>Pyrola media</i>	Intermediate Wintergreen		Ballyutoag (Ballytogue), 2.5km S of Mallusk
<i>Bartramia ithyphylla</i>	Straight-leaved Apple-moss	J3180	Collinward, Newtownabbey

Sample Recorders	Event Date	NIEA Taxa to Report - Short Names
Anon British Butterfly Conservation	1993	NIPS
Anon Unknown individuals Biological	1960	NIPS
Anon Unknown individuals Biological	1976	NIPS
Anon Unknown individuals Biological	1977	NIPS
Anon Unknown individuals Biological	1978	NIPS
Anon Unknown individuals Biological	1979	NIPS
Anon Unknown individuals Biological	1894	NIPS, Wildlife (NI) Order Sch 5
Anon Unknown individuals Biological	1960	NIPS, Wildlife (NI) Order Sch 5
Anon Unknown individuals Biological	1976	NIPS
Anon Unknown individuals Biological	1977	NIPS
Anon Unknown individuals Biological	1979	NIPS
Anon Unknown individuals Biological	1961 - 2000	NIPS
Anon Unknown individuals Biological	1960	NIPS
Anon Unknown individuals Biological	1976	NIPS
Anon Unknown individuals Biological	1978	NIPS
Anon Unknown individuals Biological	1977	NIPS, Wildlife (NI) Order Sch 5
Anon Unknown individuals Biological	1978	NIPS, Wildlife (NI) Order Sch 5
Anon Unknown individuals Biological	1980	NIPS, Wildlife (NI) Order Sch 5
Anon @ DARDNI (Fisheries Div)	24/02/1972	NIPS
Anon @ DARDNI (Fisheries Div)	24/02/1972	
Anon @ Mallusk Angling Society	- 1990	NIPS
Anon @ Mallusk Angling Society	09/05/1999	NIPS
Anon @ Mallusk Angling Society	- 1990	NIPS
Anon @ Mallusk Angling Society	- 1990	NIPS
Anon @ Mallusk Angling Society	- 1990	NIPS
Anon@ATEC Enviro. Consultancy	07/05/2002	NIPS
Anthony Dodds	16/02/2009	NIPS
Anthony McGeehan	16/08/2002	NIPS
Barrington Ward	1860	NI Rare & Scarce Plants
Bill Potts	12/06/1957	NIPS

Bill Potts	19/06/1957	NIPS
Brian Nelson	11/08/2005	NIPS
Dave Allen	07/06/2004	NIPS
David Moore	- 1861	Lichen cRDB Taxa
Derek Polley	12/04/2010	NIPS
E.C. Pelham-Clinton	Unknown	NIPS, Wildlife (NI) Order Sch 5
E.C. Pelham-Clinton	28/06/1942	NIPS, Wildlife (NI) Order Sch 5
Grace Drennan	1961 - 1962	NI Rare & Scarce Plants
Hugh Robinson	1871	NIPS
Ian Enlander	16/04/2007	NIPS
Ian Rippey	1998	NIPS
Ian Rippey	28/06/1995	NIPS
Ian Rippey	28/06/1995	NIPS
Ian Rippey	1982 - 1985	NIPS
Ian Rippey	12/06/1998	NIPS
Ian Rippey	1982 - 1985	NIPS
Ian Rippey	1982 - 1985	NIPS
Ian Rippey	1982 - 1985	NIPS, Wildlife (NI) Order Sch 5
Ivan Quail;Joe Lamont	18/12/1999	NIPS
J. Grainger	- 1863	NI Rare & Scarce Plants , NIPS, Wildlife (NI) Order Sch 8
Joe Lamont	26/01/2000	NIPS
John Templeton	28/07/1815	NIPS
John Templeton	- 1793	NI Rare & Scarce Plants
John Wilde;Patrick Bailey	15/06/1988	NIPS
John Wilde;Patrick Bailey	15/06/1988	NIPS, Wildlife (NI) Order Sch 8
John Wilde;Stanley Beesley	29/08/1990	NIPS
John Wilde;Stanley Beesley	July 2001	NIPS
John Wilde;Stanley Beesley	03/07/2001	NI Rare & Scarce Plants , NIPS
John Wilde;Stanley Beesley	July 2001	NI Rare & Scarce Plants
Larry Toal	16/04/1995	NIPS
Mark Seaward	June 1993	Lichen cRDB Taxa

Mark Seaward	June 1993	Lichen cRDB Taxa
Nathaniel Carrothers	1917	NI Rare & Scarce Plants
Nathaniel Carrothers;Stephen Allen Bennett	1913	NI Rare & Scarce Plants , NIPS
Neil Warnock	01/01/2008	NIPS
Paul Hackney	30/05/1991	NIPS
Philip McHaffie	25/04/1998	NIPS
Philip McHaffie	28/04/2003	NIPS
Philip McHaffie	22/04/2004	NIPS
Philip McHaffie	22/04/2010	NIPS
River Bush Salmon Station;Seamus Connor	05/07/1988	NIPS
River Bush Salmon Station;Seamus Connor	05/07/1988	NIPS
River Bush Salmon Station;Seamus Connor	04/08/1997	NIPS
River Bush Salmon Station;Seamus Connor	01/07/1994	NIPS
River Bush Salmon Station;Seamus Connor	01/07/1994	NIPS
River Bush Salmon Station;Seamus Connor	01/07/1994	NIPS
River Bush Salmon Station;Seamus Connor	01/07/1994	NIPS
River Bush Salmon Station;Seamus Connor	01/07/1994	NIPS
Robert Nennery	13/05/2009	NIPS
Robert Welch	- 1936	NI Rare & Scarce Plants
Samuel Alexander Stewart	1894	NI Rare & Scarce Plants
Samuel Alexander Stewart	- 1910	NIPS
Samuel Alexander Stewart	- 1910	NIPS
Samuel Alexander Stewart	1893	NIPS
Samuel Alexander Stewart	1893	NIPS, Wildlife (NI) Order Sch 8
Samuel Alexander Stewart	- 1910	NIPS
Stanley Beesley	1987	NI Rare & Scarce Plants , NIPS, Wildlife (NI) Order Sch 8
Stanley Beesley	25/05/1986	NI Rare & Scarce Plants
Stuart McKee	27/05/2003	NIPS
Sylvanus Wear	1909	NIPS, Wildlife (NI) Order Sch 8
Sylvanus Wear	1911	NI Rare & Scarce Plants , NIPS
Unknown	1960 - 1993	NIPS

Unknown	1938	NI Rare & Scarce Plants
Unknown	- 1960	NIPS, Wildlife (NI) Order Sch 5
Unknown	1960 - 1993	NIPS
Unknown	1960 - 1993	NIPS
Unknown	1960 - 1993	NIPS, Wildlife (NI) Order Sch 5
Various	30/05/1985	
Various	30/05/1985	NI Rare & Scarce Plants , NIPS, Wildlife (NI) Order Sch 8
Various	30/05/1985	NIPS, Wildlife (NI) Order Sch 8
Various;John Wilde;Stanley Beesley	07/07/1987	NIPS
Various;John Wilde;Stanley Beesley	07/07/1987	NIPS
Various;John Wilde;Stanley Beesley	07/07/1987	NIPS, Wildlife (NI) Order Sch 8
William James Colema Tomlinson	- 1921	NIPS
William James Colema Tomlinson	1907	NI Rare & Scarce Plants , Wildlife (NI) Order Sch 8
William James Colema Tomlinson	1908	NIPS, Wildlife (NI) Order Sch 8
William James Colema Tomlinson	1907	NIPS, Wildlife (NI) Order Sch 8
William James Colema Tomlinson	1907	NI Rare & Scarce Plants , NIPS
William Rutledge Megaw	February 1921	NIPS

Grid	Easting	Northing	Scientific_r	Common_r	Location	County	Date	Abundance	Comment
J285824	328500	382400	Pipistrellus	Pipistrelle	Mallusk	Antrim	10-May-91	4	Bats counted.
J287832	328700	383200	bat sp.	unidentified		Antrim	27-Aug-97	0	No bats present.
J291825	329100	382500	Pipistrellus	Pipistrelle	Newtownat	Antrim	15-Jul-93	Present	Droppings few.