County Antrim Scarce, Rare & Extinct Vascular Plant Register and Checklist of Species

Stan Beesley

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2006

These records have been selected from the database held by the Centre for Environmental Data and Recording at the Ulster Museum. The database comprises all known Co. Antrim records.

The records that form the basis for this work were made by botanists, most of whom were amateur and some of whom were professional, employed by government departments or undertaking environmental impact assessments.

This publication is intended to be of assistance to conservation and planning organisations and authorities, district and local councils and interested members of the public.

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PREFACE

Stan Beesley died somewhat unexpectedly on 1 August 2005, having completed his latest draft of this *Register*. Stan had started this project, with Julia Nunn as his editor, some two years previously, having been the Recorder for Co. Antrim for the Botanical Society of the British Isles (BSBI) for a good number of years; a position which he filled with considerable dedication and commitment. Stan had come to Co. Antrim from England in the early 1970s, and he soon became an active member of both the Belfast Naturalists' Field Club and the BSBI. Many of his field excursions were made in the company of his close friend John Wilde who was, like Stan, both an employee of Courtaulds and a native of Lancashire. Stan had been particularly active in the organization in Northern Ireland for the BSBI's Monitoring Scheme of 1989-1991, and Stan and John jointly wrote the *Urban Flora of Belfast*, published in 1997. Both were major contributors of records to my own *Flora of the North–East of Ireland*, published in 1992.

Stan's death has resulted in the task of completing his *Register* passing to myself and Julia Nunn. I have made some additions and amendments, but wherever possible, the text remains Stan's and the overall concept and approach remains his.

From the botanist's viewpoint, Co. Antrim is one of Ireland's most interesting and diverse counties, situated in the extreme north eastern corner of the island and separated from Scotland by a mere twelve miles at their closest. Scenically, it also has much to offer, with its rugged coastline of basalt and chalk cliffs, occasionally interrupted by extensive sand dunes. Behind the coast rise the uplands of the Antrim Hills through which are cut a number of picturesque glens running down to the sea. Behind these uplands, lies the Co. Antrim portion of the low-lying Lough Neagh basin, much of it covered formerly by wide-spread raised bogs of which some extensive fragments still survive.

This *Register* brings together all the existing records of the rarer vascular plant species. In an Irish context, Co. Antrim has some notable plants such as *Dryas octopetala, Minuartia verna*, *Ajuga pyramidalis*, *Spiranthes romanzoffiana*, *Saxifraga hirculus* and *Carex pauciflora*; some species like *Geranium pratense* and *G. sylvaticum* have their only Irish native localities in the county. It is intended that this *Register* will assist in focussing attention on the conservation needs of these and the other species listed here.

Paul Hackney

Keeper of Botany
Ulster Museum, Belfast

INTRODUCTION

This *Register* is intended to record details of the occurrence of rare plants in Co. Antrim. It has been produced as part of a national initiative based on the Botanical Society of the British Isles (BSBI) vice-county system. The *Sussex Rare Plant Register* (Briggs 2001) was an early publication, and in several respects has been used as a model in the present work.

The work is as complete and up to date as posible, but to be of continuing use, it is important that the *Register* is revised regularly to include new information. In Northern Ireland, the Centre for Environmental Data and Recording (CEDaR) at the Ulster Museum is well-placed to provide such a service.

Two main uses are envisaged for the *Register*. Firstly to indicate and provide information on those species at risk and requiring protection; secondly, to provide information on the occurrence of casuals and introductions whose distribution and frequency of occurrence in the county could change in the future as a result of climatic, human or other factors.

The botanical and common names are those used by Stace (1999). Following the layout used in the *Sussex Register*, the species are arranged in alphabetical order. Aproximately 461 species, subspecies and hybrids are detailed.

Criteria for inclusion in the *Register*

The principal criteria used for inclusion in the main portion of the *Register* are:

(a) Vascular plant species growing wild in Co. Antrim (H39) (Figure 1). Native species, archaeophytes and neophytes are included.

(c) Vascular plant species that are currently scarce, rare or extinct in Co Antrim (see below for detailed criteria).

(d) Vascular plant species and some hybrids that are protected by international or national legislation.

The Appendix lists records of species which have been recorded only as very rare casuals, or which were recorded in error.

Excluded from the lists are cultivated species.

Conservation legislation categories

(a) Listed/occurring in EC Habitats and Species Directive Annex IIb, IVb or Vb; or Appendix I of the Bern Convention or Appendix I or II of CITES.

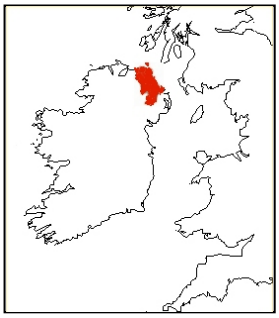
(b) Listed in the Irish or British Red Data Books for vascular plants (Curtis & McGough 1988; Cheffings & Farrell 2005 (recently superseding Wigginton 1999)).

(c) Listed in Schedule 8 of the Wildlife (Northern Ireland) Order 1985 or the Flora Protection Order 1987 (Republic of Ireland).

(d) Listed as Northern Ireland Priority Species or Northern Ireland Species of Conservation Concern.

In Northern Ireland, all wild plants are given some measure of protection under the Wildlife (N.I.) Order, 1985. The order has the effect that, unless you have a licence, you may not:

intentionally pick, uproot or destroy any wild plants listed in the schedule, or even collect their flowers and seeds; sell these plants or their seeds if taken from the wild; uproot any wild plants intentionally, except on your own land or with permission.



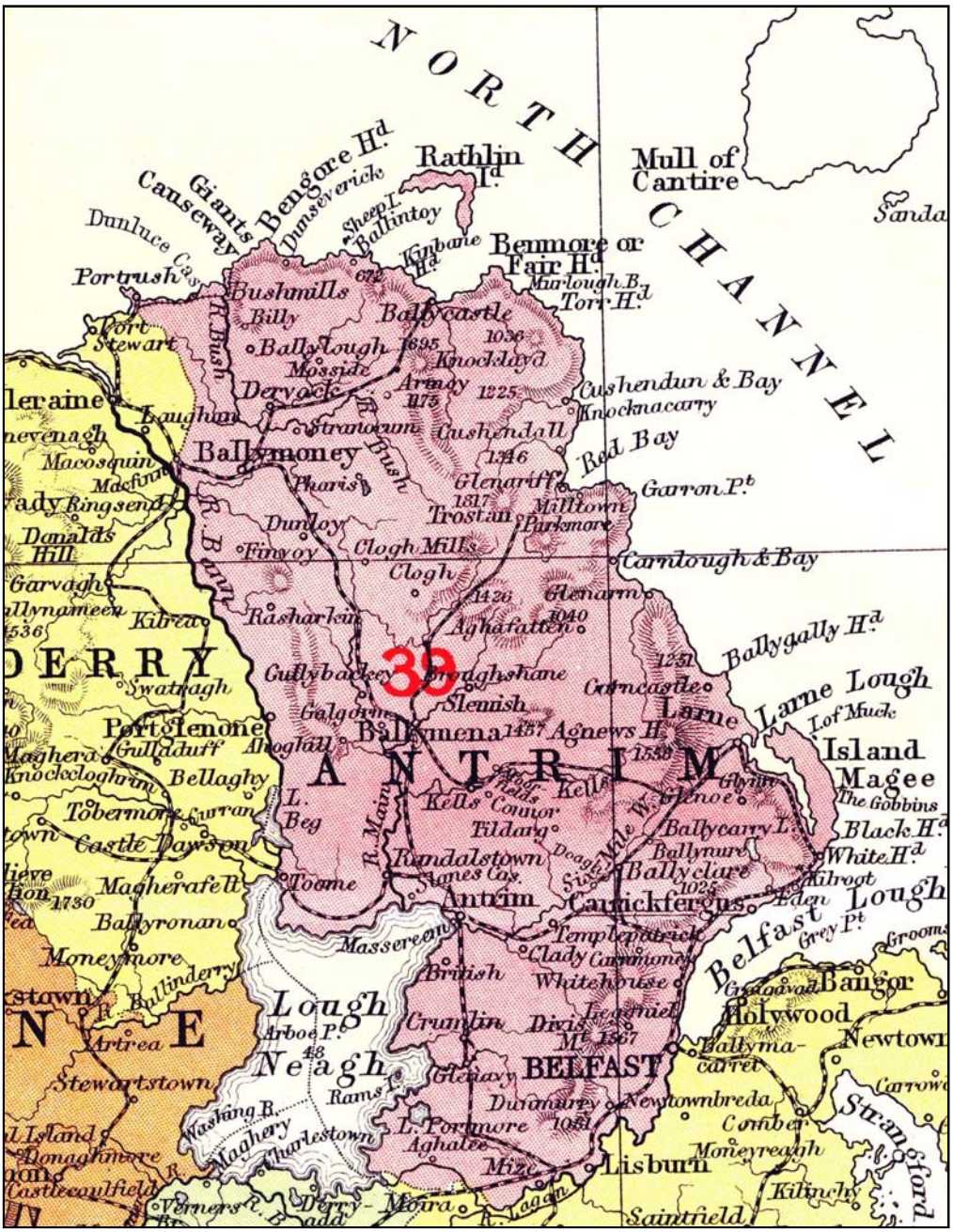


Figure 1. Vice-county H39 Antrim (modified from *Praeger 1901*)

Fifty-six species, listed in Schedule 8, parts 1 and 2, (Table 1 below) are given special protection. Plants which occur or have occurred in Co. Antrim are printed in **bold** and **red** type, and number 40 in total. This represents 71% of the plants listed in Schedule 8. The corresponding values for Co. Down are 26 plants representing 46% of the total listed in Schedule 8.

Table 1. Plants listed in the Wildlife Order (N.I.) 1985, Schedule 8, part 1

Adoxa moschatellina	***Ajuga pyramidalis***	***Andromeda polifolia***	***Calamagrostis stricta***
Carex magellanica	***Carex pauciflora***	*Centaurium littorale*	*Cirsium heterophyllum*
Dactylorhiza traunsteinerioides	***Dryas octopetala***	***Elatine hydropiper***	*Eleocharis parvula*
Epipactis palustris	***Epipactis phyllanthes***	***Erica vagans***	*Erigeron acer*
Frangula alnus	***Geranium sylvaticum***	***Gymnocarpium dryopteris***	***Hammarbya paludosa***
Hierochloe odorata	***Hordelymus europaeus***	***Hottonia palustris***	*Hypochaeris glabra*
Lathyrus palustris	*Limonium binervosum*	*Limosella aquatica*	*Lycopodiella inundata*
Melampyrum sylvaticum	***Mentha pulegium***	***Mertensia maritima***	***Monotropa hypopitys***
Neottia nidus-avis	***Ophrys apifera***	*Orchis morio*	***Orobanche hederae***
Orthilia secunda	***Pilularia globulifera***	*Polystichum lonchitis*	***Primula veris***
Pseudorchis albida	***Ranunculus fluitans***	*Rubus chamaemorus*	*Saussurea alpina*
Saxifraga aizoides	***Saxifraga hirculus***	*Saxifraga oppositifolia*	*Silene acaulis*
Sisyrinchium bermudiana	***Spiranthes romanzoffiana***	***Stachys officinalis***	***Teesdalia nudicaulis***
Trichomanes speciosum	*Trollius europaeus*	*Viola persicifolia*	***Primula vulgaris****

* *Primula vulgaris* is listed in Schedule 8, part 2 and may be picked, but not uprooted.

10 plants are U.K. Priority plant species which occur in Northern Ireland, and these are listed in Table 2. Of these plants, 8 (80%) occur or have occurred in Co. Antrim, compared with 5 (50%) which occur or have occurred in county Down. The lower occurrence of plants from county Down is presumably due to a greater range of habitats in Co. Antrim.

Table 2. UK Priority plant species in Northern Ireland

Cochlearia officinalis* subsp. *scotica
Fumaria purpurea
Juniperus communis
Lycopodiella inundata
Melampyrum sylvaticum
Mentha pulegium
Saxifraga hirculus
Sium latifolium
Spiranthes romanzoffiana
Trichomanes speciosum

In March 2004, the list of Northern Ireland Priority Species and Northern Ireland Species of Conservation Concern, was published by Environment & Heritage Service on their web site at **www.ehsni.gov.uk/natural/biodiversity/priority_species.shtml.** The criteria for inclusion on this list are detailed on this web site.

THE SPECIES ACCOUNTS - CRITERIA

Species are assigned to the categories of Native, Archaeophyte and Neophyte; for some species more than one category may apply (see e.g. *Agrostemma githago*). Native includes spontaneous locally originated hybrids where one or both parents is introduced.

Records listed after the species account cover all stations at which the species has been recorded. The absence of any post-1950 report is assumed to indicate extinction. Grid references for each species are given as six figures where possible. Recorders are identified by name. Sites are listed by date of first record for that site.

The details of the criteria used in selection of species to be included in the *Register* are listed below and are indicated by a code included in the headings of the species accounts.

A. European and International Criteria – any species listed: **Euro** listed

1. In EC Habitats and Species Directive Annex IIb, IVb or Vb.

2. In Appendix I of the Bern Convention.

3. In Appendix I or II of CITES.

B. UK Criteria – any species listed:

1. In the Vascular Plant Red Data List (Cheffings & Farrell 2005). Although this list is concerned primarily with Great Britain, the IUCN Threat Category for each species was determined at a UK level, and is therefore quoted here in the format: **UK** EX

The full list of categories is:

EX	Extinct
EW	Extinct in the wild
CR	Critically endangered
EN	Endangered
VU	Vulnerable
NT	Near threatened
LC	Least concern
DD	Data deficient
NE	Not evaluated
IN	Indeterminate

2. Any UK Priority Species. **UK** Priority

C. Irish Criteria – any species listed:

1. In Schedule 8 of the Wildlife (Northern Ireland) Order 1985. **NI** WO

2. In the Irish Red Data Book (Curtis & McGough 1988). The IUCN Category for each species was given for Ireland as a whole, but the categories relate to an older version of the scheme. These are quoted in the format: **IRDB** VU

The full list of categories is:

EX	Extinct
EN	Endangered
VU	Vulnerable
Rare	Rare
NT	Not Threatened
IN	Indeterminate

3. In the Flora Protection Order 1987 (Republic of Ireland) **RoI** FPO

4. Any Northern Ireland Priority Species
(these automatically include UK Priority Species occurring in Northern Ireland). **NI** Priority

5. Any Northern Ireland Species of Conservation Concern
(these automatically include N.I. Priority Species listed under 4 above). **NI** SOCC

C. Criteria local to v.c. H39 (County Antrim):

1. Any species formerly recorded in the wild, but now considered extinct in the county.
(i.e. no post-1950 record or known to have been lost) **AN** EX

2. Species occurring in 10 or fewer 1k--m squares in the county after 1950 (Scarce). **AN** Scarce

3. Species occurring in 3 or fewer 1km squares in the county after 1950 (Rare). **AN** Rare

4. Data deficient **AN**
DD

Note: Species which are common or frequent in the county, but which are included in this *Register* on account of other criteria listed under **A** or **B** above are coded as **AN** Common, **AN** Locally Common etc.

KEY TO ABBREVIATIONS USED IN THE TEXT AND THE RECORDS

ASSI	Area of Special Scientific Interest
BEL	Herbarium, Ulster Museum, National Museums & Galleries of Northern Ireland
BM	Herbarium, Natural History Museum, South Kensington, London
BNFC	Belfast Naturalists' Field Club
BSBI	Botanical Society of the British Isles
DARDNI	Dept. of Agriculture & Rural Development, Northern Ireland
E	Herbarium, Royal Botanic Garden, Edinburgh
EHS	Environment & Heritage Service (Department of the Environment, NorthernIreland)
K	Herbarium, Royal Botanic Gardens, Kew
NI	Northern Ireland
NNR	National Nature Reserve
NR	Nature Reserve
RSPB	Royal Society for the Protection of Birds
UWT	Ulster Wildlife Trust

CONTACT DETAILS

Full details of all records are held by the BSBI vice-county recorders. In a few cases, information about precise localities may have to remain confidential in order to respect the wishes of landowners or to maintain the integrity of reserves or fragile habitats. Any information on new or updated records or further enquiries should be directed to the vice-county recorder:

David McNeill
13 Greystown Park
Belfast BT9 6UN

A full copy of the Co. Antrim records is also held by CEDaR (Centre for Environmental Data and Recording), the Local Records Centre for Northern Ireland, to whom requests for further information may also be addressed.

Enquiries should be directed to:

CEDaR, National Museums Northern Ireland, 153 Bangor Road, Cultra, Holywood, Co.Down BT18 0EU
Email: **cedar.info@nmni.com**
Website: **www.habitas.org.uk/cedar**

ACKNOWLEDGEMENTS

The records which are the basis of this *Register* were not made speficially for this work, but were obtained in the course of recording mainly by individuals, but also by recorders working for projects for Environment & Heritage Service, as well as field meetings organised by the Belfast Naturalists' Field Club and the Botanical Society of the British Isles. The names of individuals concerned are given in the Species Accounts, and I thank them all for allowing their records to be published here.

I would particularly like to thank Paul Hackney for the preface, and John Harron, Richard Weyl and John Wilde for critically reviewing this work.

Environment & Heritage Service and the Centre for Environmental Data & Recording have supported and facilitated this project, and their contribution is acknowledged.

Lastly, but by no means least, I acknowledge the contribution of Dr Julia Nunn of CEDaR, who has been most helpful in the preparation of this *Register*. Her contribution as Editor is acknowledged on the front cover, and for her help and advice I am truly grateful.

Stan Beesley

To the above I would like to add my own appreciation of the contributions of the many botanists cited in the text, and also of Julia Nunn's particular contribution as general Editor.

Paul Hackney

SPECIES ACCOUNTS

Acaena ovalifolia Ruiz Lopez & Pavon — Two-spined Acaena
AN Scarce — Neophyte

This plant was first recorded in 1945 by E.N. Carrothers at Hazelwood, Belfast. It was introduced into several wooded areas in the county and now forms large patches at some sites. The plant is a native of South America, but the method of introduction is not known. Older records were originally determined or listed as *Acaena anserinifolia*.

Location	Grid Ref	Date	Recorder
Hazelwood	J3280	1945	E.N. Carrothers, R.D. Meikle & J.McK. Moon
	J3280	1970	S. Roberts
	J3280	1973	J. Harron
	J3280	1989	S. Beesley
	J3280	21 May-18 Jul 1985	Habitat Survey Team, EHS, J. Harron & S.A. Wolfe-Murphy
Breen Wood – entangled in gorse bush beside quarry at side of track	D128335	31 Jul 1981	H.D. Megaw det. P. Hackney
	D1233	07 Aug 1986	S. Beesley & J. Wilde
Crumlin Glen	J1476	1986	S. Beesley & J. Wilde
	J1476	14 Apr 1988	S. Beesley & J. Wilde
	J1476	29 Jul 1989	S. Beesley & BNFC
Belfast Castle Gardens/Grounds	J3278	29 May 2001	S. Beesley & J. Wilde

Acorus calamus L. — Sweet Flag
AN Scarce — Neophyte

This plant of shallow water was introduced into garden ponds at Sir John Rawdon's house at Moira about 1744. It then spread to the nearby Lagan Canal and connected waterways into Lough Neagh. In recent years, it appears to have declined somewhat.

Location	Grid Ref	Date	Recorder
Lagan Canal near Moira	J1661	1866	G. Donaldson
Lagan canal at Lisburn	J2663	1894	S.A. Stewart
Soldierstown, north of Moira – in Lagan Canal	J1562	1912	S.A. Bennett
Lagan Canal near Moreland's Meadow – below second lock	J337699	1916	N. Carrothers
Shan Port, Lough Neagh – near mouth of Lagan	J0765	1969	J. Harron
	J0763	01 Aug 1971	M.P.H. Kertland & D.S. Lambert
Montiaghs Moss ASSI	J096660	01 Aug 1970	J. Harron
Navvies Drain, Montiaghs – drains between Portmore and Aghagallon	J06	pre-1972	J. Harron
Broadwater, Friar's Glen – east bank	J147625	1985	P. Hackney & C.R. Tyrie
	J144635	08 Jun 1988	N.I. Lake Survey
	J1463	25 Apr 1997	P. Hackney
Lisburn	J26	03 Sep 1986	S. Beesley
	J26	28 Apr 1987	S. Beesley & J. Wilde
	J26	15 May 1996	S. Beesley & J. Wilde

Location	Grid Ref	Date	Recorder
Bartins Bay to Shan Port	J0765	16 Jun 1988	Habitat Survey Team, EHS
Friar's Glen, Aghalee – Lagan Canal	J1364	25 Apr 1997	P. Hackney

Adoxa moschatellina L.
Moschatel
NI WO**;** Priority**;** SOCC Native
IRDB VU
AN Rare

First recorded before 1820 on the Milewater River by Dr Knight and J. Drummond, but lost from this site by 1878. It was reported by J. Grainger from the Cave Hill Deerpark some time before 1863, and has also been reported many times since in this area. In 1985, only a single small patch could be found around the base of an ancient elderberry bush. The plant was thought to be at risk because it was very near a small track used by motorcycles. Cuttings were propagated and successfully planted a few metres away from the parent plant in 1996, and the plants were thriving in the spring of 2003.

Location	Grid Ref	Date	Recorder
Mountcollyer, North Belfast – Glen of Jennymount (Milewater) – obsolete station, now long built up and destroyed, but still there up to c. 1888 (*Stewart & Corry 1888*)	J336763	pre-1820	Dr. Knight & J. Drummond
	J336763	02 May 1820	J.L. Drummond & J. Templeton
	J336763	1878	T.H. Corry
Cavehill Country Park	J3179	pre-1863	J. Grainger
Cave Hill Quarries – one plant where tramway leaves the quarries about 1903, not seen since	J322785	1903	A.W. Stelfox
Belfast Castle Estate	J3278	1919	W.J.C. Tomlinson
	J3278	1953	J.E. Greer
	J3278	1979	P. Hackney
	J3278	1984	R.S. Forbes & J.W.D. Semple
	J3179	1987	S. Beesley
	J3278	23 Apr 1990	S. Beesley & J. Wilde
	J3278	11 Apr 1997	P. Hackney, J. Wilde & A. Carter
	J3279	18 Apr 1998	G.W. Gordon & J. Malins
	J329790	09 Apr 2000	G.V. Day
	J329790	2003	P. Hackney
	J329790	April 2005	P. Hackney & M. Wright

Aethusa cynapium L. Fool's Parsley
AN Scarce Native?

Formerly a weed of arable fields, but now only found very occasionally on cultivated ground and waste ground sites.

Location	Grid Ref	Date	Recorder
Hannahstown	J2673	pre-1863	R. Tate
Seaview	J37	1864	J. Darragh
Dunadry	J2085	pre-1888	R.Ll. Praeger
Cushendall	D2327	pre-1888	R.Ll. Praeger

Location	Grid Ref	Date	Recorder
	D2327	1920	S.A. Bennett
Brown's Bay, Islandmagee	D4303	1892	R.Ll. Praeger
Cave Hill foot	J37 or J38	1894	S.A. Stewart
inlet of Crumlin River, Lennymore Bay, Lough Neagh	J1174	pre-1895	M.C. Knowles
Whitehead	J4791	pre-1895	R.Ll. Praeger
Larne	D30 or D40	pre-1895	R.Ll. Praeger
Ahoghill	D0401	pre-1923	W.R. Megaw
Carnlough – by old railway line	D21	01 Jul 1985	S. Beesley
	D278185	13 Sep 1987	S. Beesley
Joymount, Carrickfergus – waste ground	J48	24 Aug 1985	S. Beesley
	J416876	24 Sep 1987	S. Beesley
White Park Bay	D04	Jun 1989	University of Lancaster
Inver, Larne – waste ground	D395023	16 Sep 1989	S. Beesley
Carrickfergus – school yard	J4187	25 Jun 1990	S. Beesley
Randalstown Forest, Lough Neagh	J08	19 Aug 1992	S. Beesley & J. Wilde
Shankill/Lower Falls, Belfast	J3274	26 Sep 1993	S. Beesley & J. Wilde
Carrickfergus – school playground	J414875	1994	S. Beesley & P. Hackney
Low-Wood, Belfast	J3378	10 Aug 1994	S. Beesley & J. Wilde
Cliftonville, Belfast	J3276	20 Sep 1995	S. Beesley & J. Wilde
Galgorm Manor, Cullybackey – garden weed	D060045	21 Sep 2002	W.I. McNeill

Agrimonia procera Wallr. Fragrant Agrimony
AN Scarce Native

Locally abundant but generally much less common than *Agrimonia eupatoria*. It is found growing in similar habitats as *A. eupatoria*, and has often been reported as growing with it. For this reason, it may have been over-looked and thus under-recorded.

Location	Grid Ref	Date	Recorder
Glenarm Park, Glenarm Forest	D31	1878	T.H. Corry
	D31	24 Jul 1991	S. Beesley, J. Wilde & P. Hackney
Glendun	D164275	1893	W.A. Shoolbred
Garron Tower (St. MacNissi's Grammar School)	D299237	pre-1938	R.Ll. Praeger
Carnlough	D287181	pre-1938	R.Ll. Praeger
Glenariff Glen – screes on south side	D2120	pre-1938	R.Ll. Praeger
The Three Islands, Lough Neagh	J001854	31 May 1970	J. Harron
White Park Bay – west end of dunes (2004)	D0143	1984	P. Hackney
	D0244	17 Aug 1988	Habitat Survey Team, EHS
	D023440	09 Jun 1992	M. Flatt
	D021438	Sep 1995	W.I. McNeill & J. Harron
	D023440	21 Jun 1999	P. Hackney
	D010440	2004	P. Hackney
Ballycastle	D14	1987	S. Beesley
Ballinderry Primary School, Ballinderry	J16	1988	W.I. McNeill
east of road to Breesha Plantation, Fair Head & Murlough Bay (National Trust)	D192418	03 Aug 1988	Habitat Survey Team, EHS
Fair Head & Murlough Bay (National Trust)	D185430	Aug 1988	Habitat Survey Team,

Location	Grid Ref	Date	Recorder
			EHS
Ballintoy	D04	10 Jun 1990	S. Beesley

Agrostemma githago L. Corncockle
IRDB EX Archaeophyte & Neophyte
AN EX [as archaeophyte]

Formerly common on sandy arable fields, but long extinct in this habitat as a result of improved seed cleaning techniques. Lately found occasionally on landscaped areas, where it is derived from seed as a component of imported 'wild flower seed mixtures'.

Location	Grid Ref	Date	Recorder
Roughfort	c. J2684	1863	H. Robinson
Ballygomartin, Belfast	J3075	pre-1888	Unknown
Ballyclare	J2891	1902	Unknown
Portrush	C8540	1917	S. Wear
Runkerry, Giant's Causeway – recently disturbed slope	C934434	16 Aug 1999	I. Rippey
Carnmoney Hill, Newtownabbey	J339829	12 Jun 2000	S.A. Wolfe-Murphy
Throne Wood, Throne Hospital Grounds	J334805	18 Jul 2000	S.A. Wolfe-Murphy

Agrostis gigantea Roth Black Bent
AN Rare Native

Records from Lough Neagh in Kertland (1972) are considered by J. Harron to be errors, but he has recorded it from the River Bann area north of Portglenone in 1970 (Hackney 1992).

Location	Grid Ref	Date	Recorder
north of Portglenone, River Bann	C90	1970	J. Harron
North Foreshore Tip, Dargan Road, Belfast – casual only, site now destroyed	J3578	25 Aug 1995	J.K. Partridge & P. Hackney
south side of Law Courts, Belfast	J34347400	2004	R.S. Weyl

Agrostis vinealis Schreber Brown Bent
AN Scarce Native

Records of this species have been confused with the common *Agrostis canina*. In the past, *A. vinealis* has been considered to be a subspecies of *A. canina*, so the absence of early records from Co. Antrim is not significant.

Location	Grid Ref	Date	Recorder
Ballycastle	D1042	1988	S. Beesley & H.D. Megaw
Glenarm Glen	D3013	17 Sep 1988	S. Beesley
Corkey Mountain	D107235	02 Oct 1989	J. Harron
Glenballyemon – headwater of Ballyemon River next to Retreat. This is above the big waterfall and the gorge	D198232	15 Aug 1999	J. Harron

Ajuga pyramidalis L. Pyramidal Bugle
UK VU Native
NI WO
IRDB Rare
AN Scarce

In Co. Antrim, this species is found only on Rathlin Island. The first record was by Dr Jo. Gardner who informed Dr Declan Doogue (Doogue – letter to M.P.H. Kertland in 1972). It has now been recorded from at least four sites in the north of the island. The number of flowering spikes is very variable. At one site, there were over 175 flowering spikes. The origin of the plant on Rathlin is puzzling. The island had been visited many times by competent botanists in previous centuries, but there is no report of the plant on Rathlin prior to Dr Gardner's record. On the nearby Irish mainland, the nearest site for the plant is around 300km away, but in mainland Scotland and the islands there are sites about 120km away.

Location	Grid Ref	Date	Recorder
Rathlin Island – end of trail leading to lighthouse close to a small lake, earliest record for this species on Rathlin	D15	pre-1972	J. Gardner
Kinramer South, Rathlin Island	D108509	1980	R.J. Bleakley
	D105513	2000	BNFC
Lough Kebble Nature Reserve, Rathlin Island – over 150 plants in base-rich grassland above cliffs in 1987	D095515	1980	R.J. Bleakley
	D095515	1987	Habitat Survey Team, EHS
Rathlin Island – over 25 plants in base-rich grassland above cliffs in two nearby locations, almost certainly other sites on the island	D1351	1987	Habitat Survey Team, EHS
	D15	1989	RSPB
	D15	01 Jun 1991	Unknown
Knockans, Rathlin Island	D126515	pre-1992	M. Bradley
Ballynagard, Rathlin Island	D15	pre-1992	M. Bradley

Allium oleraceum L. Field Garlic
UK VU Neophyte
AN Scarce

Dry grassy places; often confused with *Allium carinatum*, a much commoner species.

Location	Grid Ref	Date	Recorder
Antrim Town – waste ground and pasture	J18	1886	R.Ll. Praeger
	J18	1987	S. Beesley
	J153855	31 Jul 1988	S. Beesley, A. Hill & J.W.D. Semple
	J1486	Jun 1989	S. Beesley & J. Wilde
Boghead, Antrim	J16	1906	J. Adams
Rea's Wood, Antrim Bay (Massereene)	J1485	1970	J. Harron
	J1485	May 1987	J.G. Angus, S. Beesley & A. Hill
	J142858	19 Jul 1987	S. Beesley
Shane's Castle Estate, Lough Neagh	J1187	1976	D.S. Lambert
	J1188	31 Dec 1988	H. Gilmour
Crumlin	J1576	14 Apr 1988	S. Beesley & J. Wilde
Half Umry Td., Lough Neagh	J1387	31 Dec 1988	H. Gilmour
Muckamore, Antrim – river bank	J166855	01 Jul 1999	S. Beesley & J. Wilde

Allium paradoxum (M. Bieb.) Don — Few-flowered Garlic
AN Rare — Neophyte

Only two records. First recorded in the county in 1994. This species has a potential to expand its population in damp woodland, as it has recently done in Co. Tyrone where it has become dominant on the woodland floor at one site (P. Hackney & W.I. McNeill – *pers. obs*.).

Location	Grid Ref	Date	Recorder
Three Mile Water Glen	J3583	1994	F. Wolsey
Antrim Bay shoreline, Shane's Castle	J118880	05 Apr 1999	P. Hackney

Allium triquetrum L. — Three-cornered Garlic
AN Scarce — Neophyte

This garden escape is well-established on roadsides and wooded areas, sometimes covering large areas. It often grows near houses, but is occasionally found at some distance from habitations. At some sites it has persisted for several years.

Location	Grid Ref	Date	Recorder
Drains Bay	D3905	1932	R.H. Common
Whitehouse, Belfast Lough	J350808	1981	S. Beesley
north-west of Ballygalley	D3707	1981	S. Beesley
Carnfunnock	D384069	28 Apr 1987	S. Beesley & M. Beesley
Islandmore, Ballywillin at Portrush – roadside	C872380	1989	W.I. McNeill
Craigmacagan, Rathlin Island	D1549	01 Jun 1991	Unknown
Town Park, Larne	D3903	04 May 1992	S. Beesley
Malone area, Belfast	J3270	1993	M. Marshall
Runkerry area, Giant's Causeway	C9343	11 Jun 1996	P. Hackney
	C9343	2004	B.J. Beesley
	C9343	2005	B.J. Beesley

Allium vineale L. — Wild Onion
AN Rare — probably Neophyte

Very rare. There are several pre-1940 records, all from the Lough Neagh region. However J. Harron reports that there is no trace of the species in the Lough Neagh area now, [but note the 2003 report from Ballylummin by W.I. McNeill] and considers that most, if not all, of the old records refer to either *A. carinatum* or *A. oleraceum*.

Location	Grid Ref	Date	Recorder
Shane's Castle, Lough Neagh – shore	J1188	pre-1864	D. Orr
Shane's Castle Park, Lough Neagh	J1187	1877	T.H. Corry
by railway near Antrim	J18	1888	S.A. Stewart
Lough Neagh at Aldergrove	J17	1932	N.F. McMillan
Blackrock Bay, Lough Neagh	J0786	1933	N.F. McMillan
White Lodge, Ballylummin	J038992	20 May 2003	W.I. McNeill

Anacamptis pyramidalis (L.) Rich. Pyramidal Orchid
AN Scarce Native

An orchid of sand dunes and calcareous quarry spoil heaps. Considered to be rare in the 19th. century, but later more widespread with some large sites. A large site around the signalbox [now demolished] near Magheramorne Station had hundreds of flowering spikes in 1990, but was completely lost, caused by the railway company spraying the track with weed killer. Some plants remained on nearby quarry spoil heaps.

Location	Grid Ref	Date	Recorder
White Mountain, Aughrim	J2367	1888	R.Ll. Praeger
Magheragall, Lisburn	J2164	1888	R.Ll. Praeger
Cave Hill Quarries – not seen since 1967	J319798	23 Jul 1906	W.J.C. Tomlinson
	J3179	1967	R. Piper
Portrush Golf Course	C8740	1909	S. Wear
	C8740	1916	J. Henry
	C8740	21 Jun 1999	P. Hackney
near Aghalee	J1265	1912	BNFC
White Park Bay ASSI – on dunes	D015436	1915	BNFC
	D015436	1930s	C.R. Nodder
	D015436	1973	W.E. Harrison
	D028445	10 Jul 1991	E. Porter & I. Crawford
	D024442	12 Jul 1991	E. Porter & I. Crawford
	D021440	13 Jul 1991	E. Porter & I. Crawford
	D017439	14 Jul 1991	E. Porter & I. Crawford
	D016438	14 Jul 1991	E. Porter & I. Crawford
	D023440	1992	National Trust
	D020440	Sep 1995	W.I. McNeill & J. Harron
Magheramorne Quarry, Ballylig, Larne Lough – on railway sidings	J4398	1943	J.McK. Moon
	J442985	1980-1987	S. Beesley & D. Ledsham
	J4398	1983	R. Piper
	J4398	12 Aug 1992	P. Hackney
	J4498	19 Jul 2001	P. Hackney
Monkstown – railway bank	J3484	1943	J.McK. Moon
Magheramorne Village – meadows	J4398	1951	J.E. Greer
Larne Lough salt marsh, Ballycarry	J4694	30 May 1985	Habitat Survey Team, EHS
	J49	25 Jul 1986	S. Beesley
	J49	30 Jul 1988	S. Beesley & J. Wilde
beside river, just west of Carnlough	D21	1985	I. Rippey
Portrush – near cemetery	C84	1987	S. Beesley
White Park Bay – Ballintoy	D04	10 Jun 1990	S. Beesley

Anagallis minima (L.) E.H. Krause Chaffweed
UK NT Native
NI Priority; SOCC
AN Scarce

A small plant of sandy damp areas near the sea and lough shores. Possibly under-recorded owing to its small size. All recent records are from Bushfoot dunes.

Location	Grid Ref	Date	Recorder
Ushet Lough, Rathlin Island	D1448	pre-1888	S.A. Stewart
	D1448	1924	W.R. Megaw, S.A. Bennett & C.D. Chase
Runkerry (Bushfoot) Dune	C9342	pre-1938	R.Ll. Praeger
	C938430	28 Aug 1995	D. McNeill & W.I. McNeill
Selshan Harbour, Lough Neagh – gravel banks	J0867	1945	J.Mc.K. Moon & E.N. Carrothers
	J086679	31 Jul 1971	J. Harron
Sandy Bay, Lough Neagh – south end	J112715	20 Jul 1969	J. Harron
	J1171	1970	J. Harron
Brockish Bay, Lough Neagh	H990885	28 Sep 1969	J. Harron
Hog Park Point, Lough Neagh	J077677	01 Aug 1970	J. Harron
The Green Beds, Lough Beg	H99	09 Aug 1970	J. Harron
Ballyscullion East, Lough Beg	H986952	24 Jun 1973	J. Harron
The Three Islands, Lough Neagh	J0085	1976	BNFC

Anchusa arvensis (L.) M. Bieb. Bugloss
AN Scarce Native

Found on sandy ground near the sea. Suitable sites occur in the north of the county, where the plant is not uncommon.

Location	Grid Ref	Date	Recorder
Runkerry (Bushfoot) Dunes – 19 plants in area in 2004	C938432	1985	S. Beesley
	C936426	1985	S. Beesley
	C938427	28 Aug 1995	W.I. McNeill
	C9342	08 Jul 1997	Habitat Survey Team, EHS
	C93694225	24 Jun 2004	B.J. Beesley
	C93704257	24 Jun 2004	B.J. Beesley
	C93754298	24 Jun 2004	B.J. Beesley
White Park Bay dunes	D0143	pre-1986	P. Hackney
	D0143	10 Jun 1990	S. Beesley
Portrush Golf Course	C8740	1987	D.S. Lambert

Andromeda polifolia L. Bog-rosemary
NI WO**;** SOCC Native
IRDB NT

In peat bogs. Only known from Sharvogues Bog where it was first recorded in 1916. There were about 200 plants in flower near the eastern margin in 1985 (I. Rippey, *pers. comm*.).

Location	Grid Ref	Date	Recorder
Sharvogues Bog near Randalstown	J1095	1916	S.A. Bennett & C.D. Chase
	J1095	1916	N. Carrothers & W.R. Megaw
	J1095	1917	W.R. Megaw
	J1095	1942	BNFC
	J1095	1954	E.N. Carrothers & J.Mc.K. Moon
	J104957	22 May 1976	I. Rippey
	J104957	01 Jun 1977	I. Rippey
	J1095	28 May 1985	I. Rippey
	J1095	Aug 1987	I. Rippey

Anthemis cotula L. Stinking Chamomile
UK VU Archaeophyte
AN Rare

Casual weed of arable fields. Greatly reduced in the last century with the reduction of arable farming, and use of cleaner cereal seed. Recent records are all from light sandy soils in the Lough Neagh area. Old records of *Matricaria recutita* in Stewart & Corry (1888) probably belong here.

Location	Grid Ref	Date	Recorder
Dunmurry	J26	pre-1825	J. Templeton
Malone	J3270	pre-1825	J. Templeton
Mountcollyer	J3376	pre-1864	D. Orr
Kilroot	J4488	pre-1864	W.H. Ferguson
oat field, west side of Islandmagee	J49 or D40	1880	S.A. Stewart
Bog Meadows, near the Distillery	J3172	pre-1888	R. Hanna
Larne	D40	pre-1888	R.Ll. Praeger
Cairncastle	D3507	pre-1888	R.Ll. Praeger
Magheragall	J2164	pre-1895	R.Ll. Praeger
Ballygalley Head	D3807	pre-1895	R.Ll. Praeger
Selshan, Lough Neagh	J0867	1945	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Toome Bridge, Upper River Bann – tilled ground	H99	1952	J.E. Greer
Sandy Bay, Lough Neagh – damp shore	J1171	1972	J. Harron

Anthriscus caucalis M. Beib. Bur Parsley
AN Rare Native or perhaps Archaeophyte

Rare and only known from one area in the county. First recorded at Curran Point, Larne Lough in 1794 (J. Templeton) and re-found in the same area in 1890 (R.Ll. Praeger). Also found at Whitehouse, Belfast Lough in 1846 (voucher in **BEL**) and before 1888 at Carnlough by R.Ll. Praeger. It was found again in 1988 on Swan Island in Larne Lough (R.J. Bleakley) in some quantity, and in the same place five years later by M. Tickner.

Location	Grid Ref	Date	Recorder
Ballintoy	D04	unknown	*Hackney 1992*
Curran Point, Larne Lough	D4101	1794	J. Templeton
	D4101	1890s	R.Ll. Praeger
Whitehouse, Belfast Lough	J3580	1846	herbarium: J. Balfour

Location	Grid Ref	Date	Recorder
Carnlough – waste ground	D2818	pre-1888	R.Ll. Praeger
Swan Island, Larne Lough ASSI – seen most years since 1993	J424996	1988	R.J. Bleakley
	J4299	01 May 1993	M. Tickner
	J4299	26 May 2005	M. Tickner

Anthyllis vulneraria (L.) subsp. ***lapponica*** (N. Hylander) Jalas
AN Scarce Native

Anthyllis vulneraria is very common along all coasts of the county, but subsp. *lapponica* has only been recorded from the north coast. It is very likely that this subspecies is under-recorded as most recorders have not differentiated the two subspecies. The same subspecies was reported from the Co. Londonderry section of the north coast by Doreen Lambert. **BEL** vouchers were confirmed by J. Akeroyd.

Location	Grid Ref	Date	Recorder
Ballintoy Harbour	D0345	Jun 1996	P. Hackney
Portnaboe, Weir's Snout, Giant's Causeway	C9444	Jun 1996	P. Hackney
Kinbane Head	D0843	04 Jun 1996	P. Hackney
	D088437	27 Jun 1997	P. Hackney & J. Wilde
Portbraddan	D008443	11 Jun 1996	P. Hackney
Runkerry (Bushfoot) Dunes	C934424	11 Jun 1996	P. Hackney
Whiterocks Quarry	C890408	21 Jun 1999	P. Hackney

Aphanes inexspectata Lippert Slender Parsley-piert
AN DD Native

The distribution of the two segregates, *A. arvensis* s.s. and *A. inexspectata*, has not been fully worked out, and whilst there are few records for the latter, this does not imply rarity, so details are not given. It appears that *A. inexspectata* favours more acid ground than *A. arvensis* s.s.

Apium graveolens L. Wild Celery
AN Scarce Native

Recorded from heavy, brackish soil near the sea. Before 1939, it was frequent around the Curran of Larne, but this site seems to have been lost, due to reclamation and development.

Location	Grid Ref	Date	Recorder
Bonneybefore, Eden	J4388	c. 1863	R. Tate
Woodburn River – at mouth, gone now	J38	1860s	M.J.B. Ward
	J38	1894	S.A. Stewart
Curran Point, Larne Lough	D4101	1860s	S.A. Stewart
	D4101	between 1935 & 1937	R.Ll. Praeger
one mile north of Carrickfergus – saltmarsh	J4187	1892	S.A. Stewart
Red Bay, Waterfoot	D2425	pre-1895	M.C. Knowles
Giant's Causeway	C9545	1949	BNFC
	C9545	c. 1970	BNFC
Carnlough	D2818	1949	BNFC
near Cloghan Harbour	J467904	1974	S. Beesley
Belfast Lough foreshore, north of M5/M2 intersection	J34807983	c. 1982	R.S. Weyl

Location	Grid Ref	Date	Recorder
Swan Island, Larne Lough	J4299	01 May 1993	M. Tickner
Dargan Crescent, Harbour Estate, Belfast	J3477	18 Sep 1993	J. Wilde
Gasworks, Ormeau Road, Belfast	J3473	29 Jun 1995	S.A. Wolfe-Murphy
Layd Church, Cushendall	D2428	02 Sep 2000	G.V. Day & P. Hackney

Apium x ***moorei*** (Syme) Druce = *A. nodiflorum* (L.) Lag. x *A. inundatum* (L.) H.G. Reichb.
Marshwort
AN Rare
Native

With parents in marshes, lakes and ponds. Probably under-recorded, due to confusion with *A. inundatum*. All records are from Lough Neagh and connecting waterways. First recorded in 1837 by D. Moore at Portmore, and named after him by Syme.

Location	Grid Ref	Date	Recorder
Portmore Lough – drains	J1168	pre-1837	D. Moore
Gawleys Gate, Montiaghs	J0867	1886	R.Ll. Praeger
Derrymore, Lough Neagh	J0867	1886	R.Ll. Praeger
Selshan Drain	J0968	pre-1888	S.A. Stewart
	J0968	1915	S. Wear
Brownwater, Toome	H9990	pre-1938	R.Ll. Praeger
Intake, Ballyscullion Key Canal at Lough Beg	H975961	12 Oct 1969	J. Harron
Shan Port, Lough Neagh – stunted in wet close grazed conditions by inlet	J079637	08 Aug 1970	J. Harron
	J078638	pre-1986	J. Harron
Drumraymond at Lough Beg	H995927	15 Aug 1971	J. Harron

Arctostaphylus uva-ursi (L.) Sprengel
Bearberry
AN Rare
Native

Very rare. Recorded from upland peaty ground. Only one recent record, from the Lough Naroon area, where it is probably at risk owing to increased grazing by sheep following improved drainage. It is likely to be extinct at other sites in Co. Antrim.

Location	Grid Ref	Date	Recorder
Fair Head	D14	pre-1825	J. Templeton
Lough Doo, Fair Head – not found in 1938	D1743	1837	G.C. Hyndman
Skerrywhirry Hill	D2800	1908	W.J.C. Tomlinson
	D2800	1920	A.W. Stelfox & R.Ll. Praeger
Agnew's Hill – east face	D3301	1912	A.W. Stelfox
	D3301	1920	A.W. Stelfox & R.Ll. Praeger
Lough Naroon – scarp south-east of lough	D0017	1920	A.W. Stelfox & R.Ll. Praeger
	D0017	1950	M.P.H. Kertland
Lough Naroon area	D008161	28 Sep 1989	W.I. McNeill & D. McNeill

Arenaria serpyllifolia L. subsp. ***leptoclados*** (Reichb.) Nyman Thyme-leaved Sandwort
AN DD Native

Recorded from rocky areas and walls. Probably overlooked and so under recorded. Some recorders may not have differentiated this subspecies.

Location	Grid Ref	Date	Recorder
Windsor, Belfast – railway bank	J37	1878	T.H. Corry
Doagh – wall nearby	J2689	1898	R. Hanna det. P. Hackney in **BEL**
Scawt Hill	D335077	1978	Unknown
Kilroot Churchyard	J449895	12 Aug 1988	S. Beesley

Atriplex littoralis L. Grass-leaved Orache
AN Scarce Native

Sea-shores. It is not uncommon on shores above high water mark around Belfast Lough, but is not known from the rest of the county.

Location	Grid Ref	Date	Recorder
Duncairn, Belfast – waste ground	J3375	1841	D. Orr det. P.M. Taschereau
Macedon Point, Belfast Lough	J3581	pre-1938	S.A. Stewart & R.Ll. Praeger
Kilroot, Belfast Lough	J4489	pre-1938	S.A. Stewart & R.Ll. Praeger
lough shore south-west of Carrickfergus	J4187	1985-1988	S. Beesley
West Division, Carrickfergus	J3687	1985-1988	S. Beesley
Whitehouse, Belfast Lough – saltmarsh	J350808	1987	S. Beesley
North Foreshore Tip, Dargan Road, Belfast – landfill site	J3478	1987	S. Beesley
	J3478	Aug 1994	J. Wilde
	J3478	22 Aug 1994	J.K. Partridge & P. Hackney
	J3478	25 Aug 1995	J.K. Partridge & P. Hackney
Belfast Docks	J3475	18 May 1994	S. Beesley & J. Wilde
Kilroot, Belfast Lough	J439884	Aug 1998	W.I. McNeill

Baldellia ranunculoides (L.) Parl. Lesser Water-Plantain
UK NT Native

Although listed as 'near threatened' in Cheffings & Farrell (2005), this aquatic species is plentiful in Co. Antrim and appears not to be declining.

Location	Grid Ref	Date	Recorder
Rathlin Island	D15	pre-1901	S.A. Brenan in **BEL**
Hog Park Point, Lough Neagh	J0768	01 Aug 1970	J. Harron
The Green Beds, Lough Beg	H99	09 Aug 1970	J. Harron
Sandy Bay, Lough Neagh	J17	17 Oct 1970	J. Harron
	J116712	10 Oct 1971	J. Harron
Tunny Point, Lough Neagh	J0970	17 Oct 1970	J. Harron
	J0970	10 Oct 1971	J. Harron
Creagh Bog	H9892	06 Jun 1971	J. Harron
Doss Bay, Lough Neagh	H989874	04 Jul 1971	J. Harron

Location	Grid Ref	Date	Recorder
Brockish Bay, Lough Neagh	H9989	04 Jul 1971	J. Harron
	H9989	1993	W.I. McNeill
The Three Islands, Lough Neagh	J0085	04 Jul 1971	J. Harron
	J0085	22 Aug 1971	J. Harron
	J0085	Aug 1981-Aug 1982	R. Davidson
	J0085	1992	W.I. McNeill
	J0085	13 Aug 1999	P. Hackney & R. Piper
Bartin's Bay, Lough Neagh	J0765	31 Jul 1971	J. Harron
Selshan Area, Lough Neagh	J0867	31 Jul 1971	J. Harron
Lady Bay, Lough Neagh	J06	10 Oct 1971	J. Harron
Rea's Wood, Antrim Bay (Massereene) – swamp fields south of wood (1986)	J1485	1977	J. Harron
	J136847	13 Oct 1986	Habitat Survey Team, EHS
Montiaghs Moss ASSI	J093658	25 Jul 1985	Habitat Survey Team, EHS
	J097658	25 Jul 1985	Habitat Survey Team, EHS
	J094664	26 Jul 1985	Habitat Survey Team, EHS
	J099662	26 Jul 1985	Habitat Survey Team, EHS
	J094662	26 Jul 1985	Habitat Survey Team, EHS
Randalstown Forest, Lough Neagh	J08	1985	Various
Cranfield, Lough Neagh	J0585	07 Sep 1986	D.S. Lambert
	J0585	1987	W.I. McNeill & D. McNeill
Ballycastle	D14	1987	BSBI Monitoring Scheme
Crumlin River to Glenavy River	J118751	23 Sep 1987	Habitat Survey Team, EHS
Lennymore Bay to Feumore Point	J1272	23-24 Sep 1987	Habitat Survey Team, EHS
Sandy Bay to Tunny Point, Lough Neagh	J114713	24 Sep 1987	Habitat Survey Team, EHS
Leathemstown Reservoir	J215725	17 Jun 1988	N.I. Lake Survey
Cow Island, Lough Beg	H987967	08 Jul 1988	Habitat Survey Team (EHS), EHS
Knockaphort to Portloe Point	J0185	22 Jul 1988	Habitat Survey Team, EHS
shoreline at Gawley's Gate, Lough Neagh	J087675	25 Jun 1991	N.I. Lake Survey

Ballota nigra L. Black Horehound
AN Rare Archaeophyte

Very rare and apparently still decreasing. Found on waste and disturbed ground. Only two records from 1950 or later. All records are subsp. *foetida* (Hayek).

Location	Grid Ref	Date	Recorder
near Moira	J16	pre-1837	D. Moore
Ballinderry	J16	1886	R.Ll. Praeger
Rathlin Island	D15	pre-1888	C. Gage

Location	Grid Ref	Date	Recorder
Carncastle	D3507	pre-1888	R.Ll. Praeger
Brown's Bay, Islandmagee	D4303	1892	R.Ll. Praeger
Bushmills	C9440	pre-1895	R.Ll. Praeger
Cushendun	D2535	pre-1895	S.A. Brenan
Ballycastle	D1140	pre-1895	R.Ll. Praeger
Curran Point, Larne Lough	D4101	1898	J. Adams
Randalstown	J0890	1899	M.C. Knowles
Gawley's Gate, Montiaghs	J088672	1915	W.R. Megaw
Aghalee – now extinct at this site	J1265	1950	J.McK. Moon
east of Derrymore Point, Lough Neagh	J0867	1971	J. Harron

Barbarea verna (Miller) Asch. American Winter-cress
AN Rare Neophyte

A rare casual of waste ground. All recent records are from the Lough Neagh area.

Location	Grid Ref	Date	Recorder
Drum Bridge, River Lagan	J306670	1937	R.Ll. Praeger
Three Islands, Lough Neagh	J001856	31 May 1970	J. Harron
	J001856	1971	J. Harron
mouth of Six Mile Water, Lough Neagh	J134866	1971	J. Harron
Lady Bay, Lough Neagh – south end	J090693	1972	D.S. Lambert

Berula erecta (Hudson) Cov. Lesser Water-parsnip
AN Scarce Native

Ditches and marshy areas. Reported to be common around Lough Neagh in 19th century, but rare by 1938. The reduction is probably due to loss of habitat caused by the lowering of the water level in Lough Neagh. The plant is now confined to the Lough Neagh area.

Location	Grid Ref	Date	Recorder
by Lough Neagh – abundant in ditches, but not so by 1938	unknown	pre-1837	D. Moore
above Mill Bay, Larne Lough – roadside ditch	J4499	1880	S.A. Stewart
	J4499	1937	R.Ll. Praeger
Portmore, north of Ballinderry	J1169	pre-1938	R.Ll. Praeger
Gawley's Gate, Montiaghs	J0867	pre-1938	R.Ll. Praeger
	J0867	1970	J. Harron
Farrs Bay, Lough Neagh	J0986	1970	J. Harron
Selshan Bridge, Selshan Drain	J084681	01 Aug 1970	J. Harron
Shan Port, Lough Neagh – wet shoreline	J079637	08 Aug 1970	J. Harron
	J079637	20 Sep 1971	J. Harron
Bartin's Bay, Lough Neagh	J0765	31 Jul 1971	J. Harron
Selshan, Lough Neagh	J087674	31 Jul 1971	J. Harron
Ballydonaghy	J179743	20 Jun 1997	Water Management Unit, EHS

Bidens cernua L. var***. radiata*** DC. Nodding Bur-marigold
AN Scarce Native

In wet areas and lough shores, occasional. In similar situations to the normal rayless plants, but generally much less common. All records are from Lough Neagh or connecting waterways.

Location	Grid Ref	Date	Recorder
Portmore, north of Ballinderry	J1169	pre-1888	Unknown
Selshan, Lough Neagh	J0867	1948	E.N. Carrothers
Shane's Castle Estate, Lough Neagh	J1188	between 1969 & 1971	J. Harron
east of Gartree Point, Lough Neagh	J0874	between 1969 & 1971	J. Harron
Claremont, Cranfield	J068857	between 1969 & 1971	J. Harron
Massereene Park – south end	J1485	between 1969 & 1971	J. Harron
north of Moore's Quay, Lough Neagh	J0978	between 1969 & 1971	J. Harron
Selshan Harbour, Lough Neagh	J0867	1984	P.J.O. Trist & P. Hackney
Cranfield Bay, Lough Neagh	J055852	pre-1986	J. Harron
Farrs Bay, Lough Neagh	J0986	pre-1986	J. Harron
Shan Port, Lough Neagh	J078638	pre-1986	J. Harron
near Corbally House, Corbally Td.	J122835	03 Aug 1988	S. Beesley & J. Wilde

Blysmus rufus (Hudson) Link Saltmarsh Flat-sedge
AN Scarce Native

There are records from Larne Lough between 1837 (D. Moore) and 1937 (R.Ll. Praeger), but several recent surveys have failed to find it there. It is still found on sea shores on the north and east coast of Antrim, where it is locally plentiful.

Location	Grid Ref	Date	Recorder
Ballintoy Harbour	D0345	1797	R. Brown
	D0345	pre-1901	S.A.Brenan
	D0345	1955	J.H. Penson
	D034452	Jul 2001	D. McNeill
between Larne & Ballygalley	D30 or D40	1808	J. Templeton
Cushendall Bay	D2427	pre-1837	D. Moore
	D2427	1983	P. Hackney
	D2428	1983	P. Hackney
Larne Lough	J49	pre-1837	D. Moore
	J49	1935-1937	R.Ll. Praeger
Giant's Causeway	C94	01 Jun 1985	S. Beesley
	C952452	Jun 1985	A. Farr & R. Boyd
	C9545	1997	R.S. Weyl
Craigmacagan, Rathlin Island	D1549	15 Jun 1986	Habitat Survey Team, EHS
	D1449	15 Jun 1986	Habitat Survey Team, EHS
Carravindoon, Rathlin Island	D156491	15 Jun 1986	Habitat Survey Team, EHS
White Park Bay	D04	10 Jun 1990	S. Beesley

Location	Grid Ref	Date	Recorder
Rockport, Cushendun	D25153350	1997	R.S. Weyl
Templastragh – grassland along coast	D000443	28 Jul 1999	M. Wright

Brachypodium pinnatum (L.) P. Beauv. Tor-grass
AN Rare Native

Dry banks and pastures. Now very local. In 1936, it was reported to be widespread with patches up to half an acre in dry pasture south of Garron Tower (Praeger 1937a). This pasture was later re-seeded, and in 1938 the grass could not be found. However, it has survived in rough ground by a track near the pasture. The fate of the Muckamore site is unknown since the reconstruction of the railway in recent years.

Location	Grid Ref	Date	Recorder
railway line north-west of Muckamore	J165857	1937	R.Ll. Praeger
	J165857	16 Jul 1987	J. Harron
	J165857	1987	P. Hackney
south of Garron Tower at top edge of lower basalt scarp – formerly in pastures nearby, gone from there in 1988 because of re-seeding, and restricted to marginal land	D299234	10 Sep 1987	P. Hackney

Bromus lepidus O. Holmb. Slender Soft-brome
AN Rare Native

Very rare grass of dry sandy areas and waste ground. The last record was in 1958, although the species is possibly under-recorded.

Location	Grid Ref	Date	Recorder
Lagan Canal	unknown	1913	S.A. Bennett
Larne	D4002	1920	S.A. Bennett & C.D. Chase det. P.J.O. Trist
Cushendun	D2535	1948	C.D. Chase det. P.J.O. Trist
Malone Road, Belfast – base of a wall	J3270	Jun 1955	R.E. Parker
Ballycastle – stone wall	D1140	1958	P. Jagoe

Bromus racemosus L. Smooth Brome
AN EX Native

Fields, meadows and pastures Very rare, possibly under-recorded. There are vouchers for all the records, confirmed by P.J.O. Trist.

Location	Grid Ref	Date	Recorder
Bog Meadows, Belfast	J3172	1899	W. Porter det. P.J.O. Trist
Islandmagee – field	D40	1911	S. Wear det. P.J.O. Trist
Colin Glen (main glen), Belfast – on road to Glen	J27	1917	S.A. Bennett & W.R. Megaw det. P.J.O. Trist

Bromus* x *pseudothominei P.M. Smith = *B. hordeaceus* L. x *B. lepidus* O. Holmb.
Lesser Soft-brome
AN Rare Native

There is only one post-1950 record. A specimen collected by J. Harron by the Owencam River, Glenshesk River in 1971 was later determined and confirmed by P.J.O. Trist.

Location	Grid Ref	Date	Recorder
between Garron Point and Red Bay – original determination as *B. thominii*, but more likely *B.* x *pseudothomini* (P. Hackney *pers. comm.*)	D22	1939	J.P.M. Brenan det. C.E. Hubbard
Owencam River, Glenshesk River	D13	1971	J. Harron det. P.J.O. Trist

Bupleurum subovatum Link ex Sprengel False Thorow-wax
AN Rare Not Native

A very rare casual of waste ground. Possibly originating from bird-seed.

Location	Grid Ref	Date	Recorder
Stranmillis feltworks, Belfast	J3470	1904	N. Carrothers
Dunadry	J2085	1961	D. Patrick

Calamagrostis stricta (Timm) Koeler Narrow Small-reed
UK VU Native
NI WO; Priority; SOCC
IRDB VU
AN Scarce

Damp or wet areas on or near lough shores. Found in quite a few locations around Lough Neagh and Lough Beg, and known in the region since at least 1836. It appears to have declined as a result of drainage and land reclamation, and is very vulnerable to further changes.

Location	Grid Ref	Date	Recorder
on a small island in Lough Neagh, near Toome	H9990	1836	D. Moore
several localities along shores of Lough Neagh near Antrim	unknown	1837	D. Moore
Shane's Castle Estate, Lough Neagh – on flat moist ground	J118880	1886-1893	R.Ll. Praeger
	J118880	pre-1888	C.C. Babington
	J118880	1891	S.A. Stewart
Massereene Park – by shore	J1485	1906	J.H. Davies
	J1485	1920	J. Adams
near Toome Bridge	H99 or J08	1909	G.C. Druce
Harbour Island off the Three Islands	J0085	1909	C.H. Waddell
south of Ballyscullion East, Lough Beg – among alders on shore	H9895	1937	R.Ll. Praeger
Antrim (Masserene) Golf Course, Lough Neagh – shore	J136865	1948	R.D. Meikle
Three Islands, Lough Neagh	J0085	1955	J.H. Penson
	J002858	04 Jul 1971	J. Harron
	J0085	1983	J. Harron
Ballyscullion East, Lough Beg	H99	between 1971 & 1987	J. Harron
Creagh Bog – small patch by Lough Beg	H9892	1973	J. Harron

Location	Grid Ref	Date	Recorder
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
Brockish Bay, Lough Neagh	H9989	1983	J. Harron

Callitriche brutia Petagna — Pedunculate Water-starwort
AN DD — Native

Many recorders did not distinguish this from *C. hamulata* s.s. The paucity of records is probably because of this confusion.

Location	Grid Ref	Date	Recorder
Glendun River	D12	06 Oct 1984	J. Harron
	D182300	05 Sep 1999	J. Harron

Calystegia sepium (L.) R. Br. subsp. ***roseata*** Brummit — Hedge Bindweed
AN Rare — Native

Very local. Records confirmed by R.K. Brummit are from maritime plants on the north coast and on Rathlin Island where it has been known since 1872 (S.A. Stewart). The record from Kilwaughter has not been seen by Dr. Brummit.

Location	Grid Ref	Date	Recorder
Rathlin Island	D05	1882	S.A. Stewart det. P. Hackney
	D05	1946	E. Duffy det. R.K. Brummitt
	D05	1980s	H.D. Megaw
Bath Lodge, Ballycastle Bay – beside stream running down basalt cliffs and on hedgebank by house nearby	D1354	1980	H.D. Megaw det. R.K. Brummitt
	D135415	1985	P. Hackney
	D135415	2003	P. Hackney
Kilwaughter	D3501	Jun 1989	S. Beesley & J. Wilde

Calystegia soldanella (L.) R. Br. — Sea Bindweed
AN Rare — Native

A plant of sand-dunes, and consequently in Co. Antrim now confined to the north coast. As with other dune plants, it has decreased considerably in the county in the last 100 years. This is due to loss of habitat e.g. to golf courses, and to physical damage of dunes by pedestrians.

Location	Grid Ref	Date	Recorder
Runkerry (Bushfoot) Dunes	C9342	pre-1825	J. Templeton
	C94	05 Jun 1986	S. Beesley & M. Beesley
	C933423	Aug 1995	W.I. McNeill & D. McNeill
	C9342	08 Jul 1997	Habitat Survey Team, EHS
Ballycastle	D1140	pre-1864	Unknown
Cushendun – now extinct at this site	D2535	pre-1864	Unknown
	D2535	1915	C.J. Lilly
Ballycarry	J49	05 Oct 1986	S. Beesley
White Park Bay ASSI	D029447	09 Jul 1991	E. Porter & I. Crawford

Camelina alyssum (Miller) Thell.
AN Rare Archaeophyte?

The practice in the past has been to record all *Camelina* as *C. sativa sensu lato*. In view of this, the identity of early records is not known.

Location	Grid Ref	Date	Recorder
Cushendun – cultivated fields	D2432	Aug 1869-Aug 1872	S.A. Brenan det. T.C.G. Rich 'probably this species'
Ballymoney – amenity site	C92	1984	W.I. McNeill

Camelina sativa (L.) Crantz Gold-of-pleasure
AN Rare Archaeophyte?

Prior to the 20th century, it was not uncommon as a weed of flax fields, but now very rare, with only one recent record from a landfill site (det. T.C.G. Rich).

Location	Grid Ref	Date	Recorder
Antrim Town – now extinct	J1586	17 Jul 1918	S.A. Bennett & W.R. Megaw det. T.C.G. Rich
Craiginorne, south-west of Larne – landfill site	J3598	1999	S. Beesley & J. Wilde det. T.C.G. Rich

Campanula latifolia L. Giant Bellflower
AN Scarce Neophyte

Well-established on shady banks of several rivers and also in Lough Neagh area. All records are after 1970, but by then it was well-established at several sites, and sometimes not near habitations (Beesley 1987b).

Location	Grid Ref	Date	Recorder
Glenoe	J3996	1972-1986	S. Beesley
	J397967	Jun 1985	R. Boyd & A. Farr
	J3996	09 Oct 1987	S. Beesley
	J3996	2004	S. Beesley
east of Shane's Castle Estate, Lough Neagh	J18	1976	H. Prendergast
Antrim Bay (Massareene), Lough Neagh	J1386	1976	J. Harron
Broughshane – bank of Braid River	D143063	1976-1988	S. Beesley
Rea's Wood NNR, Antrim Bay	J1485	1977	J. Harron
Farr's Bay NR, Randalstown Forest	J096871	1978	S. Beesley & BNFC
Randalstown Bridge, River Main	J09	1983	J. Harron
Ballynure	J39	01 Jun 1985	S. Beesley
	J39	26 Jun 1991	S. Beesley & J. Wilde
River Braid at Ballymena	D1204	pre-1987	J. Harron
Capecastle – stream bank near bridge	D083387	05 Aug 1992	S. Beesley & J. Wilde
Bog Meadows, Belfast	J3172	20 Jul 1994	J. Wilde & S. Beesley
	J3172	03 May 1995	M. Marshall, J. Wilde & S. Beesley

Campanula trachelium L. Nettle-leaved Bellflower
IRDB VU Neophyte
RoI FPO
AN Rare

Native in the south of Ireland but merely a garden escape or discard in the north, sometimes becoming established.

Location	Grid Ref	Date	Recorder
Castle Dobbs, Kilroot River	J4490	1983	C.R. Tyrie
Alder Rock to Doorish Point, Lough Beg	H989935	08 Jul 1988	Habitat Survey Team, EHS

Cardamine impatiens L. Narrow-leaved Bitter-cress
UK NT Neophyte
IRDB Rare
RoI FPO
AN Rare

Posssibly native in some parts of the Republic of Ireland, but merely an introduction and garden weed in Co. Antrim.

Location	Grid Ref	Date	Recorder
Shane's Castle – near shore of Lough Neagh, planted or escape	J116879	1854	W.M. Hind
Notting Hill, Malone Road – established garden weed, origin unknown	J329712	1980	R. Piper & P. Hackney
Gobbins Road, Balloo, Islandmagee – established garden weed, brought from R. Piper's garden	J477985	1984-1998	P. Hackney

Carduus tenuiflorus Curtis Slender Thistle
AN EX Native

Plant of sandy or mineral soils. Never common in the county and now extinct.

Location	Grid Ref	Date	Recorder
iron mines on Inver River, Glenariff in great abundance; long gone by 1992	D2119	pre-1888	R.Ll. Praeger
Portrush – sand dunes	C8540	1908	S. Wear
Portrush – near gasworks	C8540	1943	C.D. Chase

Carex acuta L. Slender Tufted-sedge
AN Scarce Native

Formerly more widely distributed than now, only surviving at its Lough Neagh stations.

Location	Grid Ref	Date	Recorder
Loonburn Bridge, Loon Burn, Four Mile Burn	J2195	1795	J. Templeton
Toome – marshy meadows west of Toome	H9990	pre-1837	D. Moore
River Main at Randalstown	J084900	pre-1837	D. Moore
Sinclair's Green, [Falls Park], Belfast	J305728	pre-1860	G. Hyndman
Massereene Park	J1485	pre-1864	G. Dickie
Langford Lodge, Lough Neagh	J0975	1865	S.A. Stewart
Rams Island off Feumore, Lough Neagh	J0972	1883	S.A. Stewart

Location	Grid Ref	Date	Recorder
Portmore Lough	J119686	1884	S.A. Stewart
	J119686	1893	R.Ll. Praeger
	J119686	1937	R.Ll. Praeger
	J119686	1970-1978	J. Harron
Selshan Harbour, Lough Neagh	J0867	1920	R.Ll. Praeger & A.W. Stelfox
	J0867	between 1935 & 1937	R.Ll. Praeger
Dunadry	J2085	pre-1938	R.P. Vowell
Three Islands, Lough Neagh – gone by 1976 (J. Harron)	J001857	22 Aug 1971	J. Harron
	J001857	1973	J. Harron
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
	J1485	1983	R.S. Weyl
	J142853	1988	R.S. Weyl

Carex acutiformis Ehrh. Lesser Pond Sedge
AN Rare Native

Very rare sedge of base-rich marshes and lough shores. At the Fourmile Burn site, the plant was common over an area of c. 0.25 hectares in 1982.

Location	Grid Ref	Date	Recorder
Ballyclover, Four Mile Burn, Six Mile Water – in a wet field in valley of stream, dominant over 0.25 hectares of field on middle reaches	J229910	Spring 1982	J. Harron
	J229910	May 2000	J. Harron
Oldmill Bay, Larne Lough ASSI	J45419619	1985	Habitat Survey Team, EHS

Carex aquatilis Wahlenb. Water Sedge
AN Rare Native

Wet places. Ditches, river banks and Lough shores. Scattered colonies have been recorded from the banks of the River Maine upstream to near the source.

Location	Grid Ref	Date	Recorder
along the River Main from Shane's Castle Park to Glarryford	J18 to D01	c. 1830-1923	Various reports
Slaght Bridge, River Braid	J089997	1890	M.C. Knowles
	J089997	1921	S.A. Bennett & W.R. Megaw
Shane's Castle Estate, Lough Neagh – drain in demesne	J118880	between 1891 & 1892	R.Ll. Praeger
Glarryford – banks of River Main	D0512	1920	R.Ll. Praeger & A.W. Stelfox
	D0512	1939	J.P.M. Brenan & N.D. Simpson det. E. Nelmes
Lisanoure, Loughguile – side of lake	D0624	pre-1938	R.Ll. Praeger
Farr's Bay, Lough Neagh – creek at east end	J0986	1971	J. Harron
	J0986	1977	D. Ledsham
	J0986	1978	BNFC
	J0986	1980s	R.S. Weyl
Upper Kellswater in Glenwhirry	J232987	1984	J. Harron

Location	Grid Ref	Date	Recorder
Ardilea – upstream	J225765	24 May 1996	N.T. Holmes
Battery Bridge, Glenwhirry River	J219090	2000	J. Harron

Carex buxbaumii Wahlenb. Club Sedge
AN EX Native

Recorded from a single station on Lough Neagh and long extinct. The plant was first found by D. Moore in 1835 on Harbour Island near Toome Bridge. It was last recorded by S.A. Stewart in 1886. A comprehensive survey in 1927 failed to refind the sedge. This site on Lough Neagh was the only station in Ireland, and until 1895 when it was found at Arisaig in West Inverness, it was the only site in the British Isles. The loss of the plant may have been caused by a change in water level, and to clearance of the original scrub followed by grazing.

Location	Grid Ref	Date	Recorder
Harbour Island off the Three Islands – gone by 1927	J0085	Jul 1835	D. Moore
	J0085	1855	J. Woods
	J0085	01 Jun 1867	S.A. Stewart
	J0085	14 Jun 1878	T.H. Corry
	J0085	27 Jun 1886	S.A. Stewart

Carex divulsa Stokes Grey Sedge
AN Scarce Native

Waste ground, hedge banks, roadside banks; most sites are confined to a small area of the county comprising Islandmagee, Whitehead, Ballycarry, Carrickfergus and Greenisland.

Location	Grid Ref	Date	Recorder
Islandmagee – between Ballycarry & The Gobbins	J49	1921	S.A. Bennett, C.D. Chase & W.R. Megaw
Mullaghdoo – near old church at south end of Islandmagee	J470955	c. 1935	N.F. McMillan
coast road to Ballycarry Station, Forthill	J4694	1935	N.F. McMillan
lane between Greenisland and Trooper's Lane Stations	J3786	1935	N.F. McMillan
4 sites on Trooper's Lane and Upper Greenisland Road	J3886	1939	N.F. McMillan
Trooperslane, Carrickfergus – between Station and Shore Road	J3886	1945	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Milebush, Carrickfergus	J4189	1946	L.H. Kerr
railway bridge ¼ mile west of Whitehead (probably Slaughterford Bridge, but original literature gives no name)	J469927	1956	E.N. Carrothers & J.McK. Moon
Black Head, north-east of White Head	J4895	1974	J. Hopton & D. Ledsham
shoreline south of Dunore Point, Lough Neagh	J121825	1982	J. Harron
Ballycarry	J49	1985	S. Beesley
	J49	30 Jul 1988	S. Beesley & J. Wilde
Magheramorne Quarry Tip, Larne Lough	J4498	1988	D. Ledsham
Crumlin – about the town	J1576	pre-1992	J. Harron
Ferris Bay, Islandmagee	D4202	25 Apr 1992	S. Beesley & J. Wilde

Carex elata All. Tufted-sedge
AN Scarce Native

A rare sedge first recorded in the county in the 19th century. Formerly recorded from banks of River Bann from Lough Beg to Portglenone, but recent records are all from the Lough Neagh and Lough Beg areas.

Location	Grid Ref	Date	Recorder
River Lagan at Lambeg	J2766	pre-1825	J. Templeton
Portmore Lough	J1168	pre-1825	J. Templeton
	J16	1893	R.Ll. Praeger
	J16	1920	A.W. Stelfox & R.Ll. Praeger
	J119686	1980	R.S. Weyl
	J119686	May 1991	M. Tickner
	J119686	01 Jul 1991	Habitat Survey Team, EHS
	J16	01 May 1992	M. Tickner
	J119686	22 Jun 1993	Habitat Survey Team, EHS
Shane's Castle, Lough Neagh	J116879	pre-1837	D. Moore
Ballyscullion East, Lough Beg – small islet east side	H99	1894	R.Ll. Praeger & S.A. Stewart
Lower Dugganstown, Carmagrim – River Bann halfway between Lough Beg and Portglenone	C9800	pre-1895	R.Ll. Praeger
Toome Bridge, Upper River Bann – by Bann below Toome	H9891	pre-1895	R.Ll. Praeger
Ballyscullion East – where Bann leaves Lough Beg	H988974	pre-1895	R.Ll. Praeger
Selshan, Lough Neagh	J0867	1919	S.A. Bennett & C.D. Chase,
	J0867	1919	A.W. Stelfox & S. Wear
	J086679	31 Jul 1971	J. Harron
Shan Port, Lough Neagh	J078638	1919	S.A. Bennett
Drumraymond at Lough Beg – south-east corner	H988937	between 1970 & 1973	J. Harron
Doorish Point, Lough Beg	H99	15 Aug 1971	J. Harron
	H994928	21 May 1972	J. Harron
Bog Meadows, Belfast	J315725	30 Aug 1985	A. Waterman

Carex flava L. Large Yellow-Sedge
UK VU Native
AN Recorded in error?

The only Co. Antrim record is more than 90 years old. Hackney (1992) omitted this species because in the absence of vouchers and bearing in mind recent nomenclatural and taxonomic revision of the *Carex flava* aggregate, it seems more likely that the record was of *Carex viridula*, possibly subsp. *brachyrrhyncha* (Celak.) B. Schmid (*C. lepidocarpa* Tausch).

Location	Grid Ref	Date	Recorder
Crockravar Mountain, Garron Plateau – a little east of top	D237202	06 Jul 1914	S. Wear & A.W. Stelfox

Carex* x *involuta (Bab.) Syme = *C. rostrata* Stokes x *C. vesicaria* L.
AN Rare Native

A single record from the north-east end of Cregagh Island on Lough Beg in flooded ground in sand workings, with both parents.

Location	Grid Ref	Date	Recorder
north-east end of Creagh Bog, Lough Beg	H987924	06 Jun 1971	J. Harron

Carex lasiocarpa Ehrh. Slender Sedge
AN Scarce Native

This sedge is locally distributed, but in some sites it can be frequent, especially by Lough Neagh and on the Garron Plateau, where it has been recorded in the area bounded by the line Loughnacally, Loughnatrosk, Loughgarve and Parkmore.

Location	Grid Ref	Date	Recorder
Selshan, Lough Neagh	J0867	pre-1837	D. Moore
	J0867	1956	M.P.H. Kertland
site of Cleggan Lough	D220105	1920	A.W. Stelfox
Garron Plateau – area within a line from Parkmore-Loughnacally-Loughnatrosk-Loughgarve-Parkmore	D22	1920	R.Ll. Praeger, A.W. Stelfox
	D22	1945	E.N. Carrothers & R.D. Meikle
	D22	12 Aug 1989	D. Ledsham
bog south-west of Lough Naroon	D0016	pre-1938	R.Ll. Praeger
Frosses Bog, Glarryford	D056153	1979	G.A. Fisher
Fair Head	D185430	May 1985	National Trust Biological Surveyor
	D14R	20 Jul 1988	J. Harron
	D185430	Aug 1988	Habitat Survey Team, EHS
Montiaghs Moss ASSI	J093658	25 Jul 1985	Habitat Survey Team, EHS
	J088659	25 Jul 1985	Habitat Survey Team, EHS
Ballycastle	D14	1987	BSBI Monitoring Scheme
Lough Fine, Garron Plateau	D262202	1990	W.I. McNeill & J. Harron
Slieveanorra NNR	D1327	31 Jul 1991	Habitat Survey team, EHS

Carex magellanica Lam. Tall Bog-sedge
NI WO; SOCC Native
IRDB Rare
RoI FPO
AN Scarce

A rare sedge of mountain bogs. In Co. Antrim, it is restricted to the Garron Plateau, where it has been found at several sites. At some sites it is locally plentiful. The species was first found in 1901.

Location	Grid Ref	Date	Recorder
Parkmore or Aganlane, Glenariff Forest – first Irish record (Colgan 1901)	D12	1901	E. D'Arcy & N. Colgan
Loughgarve, Glenariff	D211177	1920	R.Ll. Praeger & A.W. Stelfox
¼ mile south-east of Cranny Lough	D238165	1920	R.Ll. Praeger & A.W. Stelfox
½ mile ENE of Evish Lough, Glenariff – site afforested after 1971	D194187	1920	R.Ll. Praeger & A.W. Stelfox
	D194187	1938	J.P.M. Brenan & N.D. Simpson
	D204191	pre-1971	EHS
near Cranny Lough	D2316	1921	R.Ll. Praeger
	D2416	between 1971 & 1987	EHS
lough near Parkmore Station, Glenariff Forest – exact site unclear: Loughnafanogy is the lake nearest the railway station (which is at D185205)	D1820	1922	S.A. Bennett & C.D. Chase
south-east Loughgarve, Glenariff	D212176	between 1971 & 1987	EHS
bog pools south-west of Inver Catchment, Garron Plateau – not found subsequently	D21	1981	Habitat Survey Team, EHS
Evish Lough, Glenariff – north end	D194187	1981	D.S. Lambert & J.S. Faulkner
Pollan Burn, Garron Plateau	D21	13 Aug 1989	D. Ledsham

Carex pauciflora Lightf. Few-flowered Sedge
NI WO**;** Priority; SOCC Native
IRDB VU
RoI FPO
AN Scarce

Upland boggy areas. There are many sites for this sedge, but it is confined to the Antrim Plateau. Its distribution was summarised in 1920 as being in 'about 20 stations, and often in abundance, on the Garron Plateau in an area enclosed by the boundary Parkmore - The Trosks - Craigfad Lough - Loughgarve - Parkmore (Praeger 1920). It is still in this area, but is now apparently less plentiful.

Location	Grid Ref	Date	Recorder
Evish Mountain, Glenariff	D1918	1889	H.W. Lett
Lough Fine, Garron Plateau	D263203	1898	J. Adams
	D263203	1899	S.A. Stewart
	D263203	1956	M.P.H. Kertland
	D263203	1984	D. Ledsham
Garron Plateau – about 20 stations and often in abundance	D22	1920	R.Ll. Praeger, A.W. Stelfox
	D22	12 Aug 1989	D. Ledsham
Little Trosk, Carnlough – east slope	D265195	1920	A.W. Stelfox & R.Ll. Praeger
Loughgarve, Glenariff	D211177	1920	R.Ll. Praeger & A.W. Stelfox
Craigfad Lough	D264169	1920	R.Ll. Praeger & A.W. Stelfox

Location	Grid Ref	Date	Recorder
Crockravar Mountain, Garron Plateau – wet bog	D233200	1920	A.W. Stelfox & R.Ll. Praeger
Loughnacally	D2521	1920	R.Ll. Praeger & A.W. Stelfox
Cranny Lough	D238165	1920	R.Ll. Praeger & A.W. Stelfox
	D238165	1921	R.Ll. Praeger
Evish Lough, Glenariff	D194187	15 May 1984	Unknown
small lake behind the Big Trosk, Garron Plateau	D266200	1990	British Bryological Society
	D266200	22 June 2005	D. Ledsham. J.W.D. Semple & P. Hackney

Carex* x *pseudaxilliaris K. Richter = *C. otrubae* Podp. x *C. remota* L.
AN Rare – perhaps EX Native

Rarely recorded hybrid. Reported from the old Ballymena road south of Carnlough in 1937, and from a drain by the side of the railway south of Whitehouse Station in 1945.

Location	Grid Ref	Date	Recorder
1½ miles south of Carnlough, by old Ballymena Road	D2816	1937	R.Ll. Praeger
¼ mile south of Whitehouse Station, Belfast Lough – drain by side of railway	J3480	1945	R.D. Meikle det. E. Nelmes

Carex pseudocyperus L. Cyperus Sedge
AN Rare Native

Marshy ground, ditches. First found by J. Templeton in 1797 at Bog Meadows (c. 1 mile from Belfast city centre), and known from there for over a century, but the site was lost by 1938. Other records are listed below.

Location	Grid Ref	Date	Recorder
Bog Meadows, Belfast – drain near Balmoral – gone by 1938, extinct at this site	J315725	1797	J. Templeton
	J3172	1886	R.Ll. Praeger
	J3172	1899	R. Hanna
south of Portmore Lough – deep drains	J1168	1909	W.J.C. Tomlinson
Gawley's Gate	J0867	1928	M. Duff
Cranagh Bridge, Lagan Canal – isolated plants by a big silty drain (Goudy River)	J093638	15 Apr 1973	J. Harron
Ram's Island off Feumore, Lough Neagh – boulder beach on west shore	J0972	1977	J. Harron
Portmore Lough	J119686	01 Jul 1991	Habitat Survey Team, EHS
Portmore Lough – ditch system	J105690	22 Jul 1999	M. Tickner

Carex spicata Hudson Spiked Sedge
AN Scarce Native

Damp pastures and fields, waste ground often on heavy clay soil. Rare but quite widespread. The Carrickfergus record was from a lawn where the grass had not been cut for some time, allowing the flowering spikes to develop.

Location	Grid Ref	Date	Recorder
Macedon Point, Belfast Lough – damp pasture	J3581	1868	S.A. Stewart
	J3581	1898	C.H. Waddell
	J3581	1914	S. Wear
	J3581	1945	J.McK. Moon, E.N. Carrothers & R.D. Meikle
above Clowney Bridge – destroyed by building	J316741	1893	R. Hanna
near Rumbling Hole Quarry, Hannahstown – roadside	J265725	1904	R. Hanna
Springfield Road, Belfast – grown on in A.W. Stelfox's garden and a voucher pressed in 1967, now in **BEL**	J3174	1910	S. Wear
near Macedon Point – on road east of Gray's Lane	J3581	1919	S.A. Bennett, C.D. Chase & W.R. Megaw
junction of Hanahstown and Whiterock Roads	J3073	pre-1930	N. Carrothers
Trooperslane, Carrickfergus	J3886	pre-1935	N.F. McMillan
Bellahill, Kilroot – close to old mill	J447921	1935	N.F. McMillan
Crow Glen, Wolf Hill	J2976	1950	BNFC
Doagh – railway station	J2689	1954	R.C. Davidson
Lansdowne Road, off Fortwilliam Park – gravelly bank	J3378	1958	J.McK. Moon
Glenavy	J1573	1971	J. Kirk
west base of Carnmoney Hill – disturbed ground in new housing estate	J3382	1975	J. Harron
a little west of Shane's Castle on basalt rocks	J116879	1981	J. Harron
south of Dunore Point, Lough Neagh	J142827	16 Jul 1987	J. Harron
Carnmoney Hill	J339829	12 Jun 2000	S.A. Wolfe-Murphy
west of Ballygomartin Reservoir, Blackmountain	J298770	10 Aug 2000	S.A. Wolfe-Murphy
Windslow Avenue, Carrickfergus – on old lawn, uncut for several weeks; several plants	J400893	06 Aug 2002	W.I. McNeill & J.S. Faulkner

Carex x ***turfosa*** Fries = *C. nigra* (L.) Reichard x *C. elata* All.
AN Rare, perhaps EX Native

Rarely reported sedge hybrid, with records from Selshan 1923 (C.D. Chase) and Portmore 1920 (A.W. Stelfox). J. Harron in Hackney (1992) reports from Co. Down that 'there is a lot of variable material which is intermediate between *C. elata* and *C. nigra*'. It is likely that a similar situation pertains in Co. Antrim, and that this hybrid is not as rare as the number of records reported would imply.

Location	Grid Ref	Date	Recorder
Portmore Lough	J1169	1920	A.W. Stelfox
Selshan, Lough Neagh	J0867	1923	C.D. Chase

Carlina vulgaris L. Carline Thistle
AN Rare Native

Very rare plant usually of sand dunes. Two records in the county, only one of which is recent. In common with other dune plants, it is endangered by disturbance and loss of habitat.

Location	Grid Ref	Date	Recorder
Ballycastle Golf course dunes – gone by 1938, dunes destroyed by golf course	D1241	pre-1864	H. Hincks
Craigy Hill	D323089	1986	A.H. Kirkpatrick

Carum carvi L. Caraway
UK EN Neophyte
AN EX

Perhaps an archaeophyte, but more probably a neophyte; casual only in Co. Antrim. A rare escape from cultivation with several pre-1900 records mainly from the north of the county. The only later record is from Rathlin Island, 1949.

Location	Grid Ref	Date	Recorder
Cushendun	D2535	between 1860 & 1870	S.A. Brenan
Portmore	J16	1881	S.A. Stewart
Bush Foot, Bush River	C9342	1887	R.Ll. Praeger
Carnlough	D2818	1887	R.Ll. Praeger
Portballintrae	C9242	pre-1895	R.Ll. Praeger
Selshan	J0867	pre-1888	S.A. Stewart
Toome Station	H994903	pre-1888	S.A. Stewart
Whitepark Bay	D0143	pre-1888	R.Ll. Praeger
Giant's Causeway	C9545	pre-1895	R.Ll. Praeger
Rathlin Island	unknown	pre-1895	R.Ll. Praeger
	unknown	1949	A.M. Irwin
Cushendall	D22	1904	C.J. Lilly

Carum verticillatum (L.) Koch Whorled Caraway
AN Scarce Native

Damp pastures and heaths. Old records scattered throughout the county, but since 1940 confined to an area in the north where it is locally abundant, especially on damp areas on headlands near the Giant's Causeway.

Location	Grid Ref	Date	Recorder
Cranmore – rushy bog nearby	J3271	pre-1825	J. Templeton
River Lagan near Belfast	J37	pre-1837	D. Moore
Giant's Causeway	C9444	1888	R.Ll. Praeger
	C9444	1917	N. Carrothers
	C948444	1964	R. Anderson
north side of Bushmills Road, Carnsampson – abundant on a wet moor	D0840	1897	R.Ll. Praeger & Prof. Carr
	D0840	1990	P. Hackney
	D0840	12 Sep 1990	S. Beesley & J. Wilde
Eden School, south of Bendooragh – rough ground, site now destroyed	C9221	1937	R.Ll. Praeger

Location	Grid Ref	Date	Recorder
heath, south of pond, Aird, near Giant's Causeway	C9545	1987	A. Cooper
	C9545	28 Aug 1998	J.A. Lister
	C956446	16 Aug 2004	P. Hackney, N.D. McKee & T. Ennis

Centaurea cyanus L. Cornflower
UK EN Archaeophyte & Neophyte
IRDB EX – but see below
AN Rare

Formerly a frequent naturalised weed, probably archaeophyte, of flax fields and arable crops (Tate 1863, Stewart & Corry 1888) requiring no listing of individual sites. It had apparently become extinct in Ireland by the 1980's: Curtis & McGough (1988) originally listed it as extinct in Ireland, but then added a note in press acknowledging that it had been found on the Aran Islands shortly before publication. The few recent records from Northern Ireland seem to be as a neophyte – derived from 'wildflower seed' mixtures of non-Irish origin.

Location	Grid Ref	Date	Recorder
Boucher Road, Belfast	J3171	1993	S. Beesley & J. Wilde
Throne Wood, Throne Hospital Grounds	J334805	18 Jul 2000	S.A. Wolfe-Murphy

Cephalanthera longifolia (L.) Fritsch Narrow-leaved Helleborine
AN EX Native

This orchid is long extinct in the county. It was reported from woodlands in the 19th century, but diligent searching in the original locations has been unsuccessful.

Location	Grid Ref	Date	Recorder
Glenavy – woodland	J155730	1830-1860	F. Whitla
Muckamore House, Antrim – woodland, sparingly	J1685	1830-1860	F. Whitla
Duneane Parish – gone by 1870 (S.A. Stewart)	J0192	1835	G. Whitla
Shane's Castle Estate, Lough Neagh – woodland	J1387	pre-1837	D. Moore

Cerastium arvense L. Field Mouse-ear
AN Scarce Native

Sand dunes and sandy ground near the sea, as well as inland around Lough Neagh on dry basic soil.

Location	Grid Ref	Date	Recorder
Antrim Bay shoreline, Shane's Castle – at mouth of Six Mile Water	J118880	1893	R.Ll. Praeger
Portrush dunes	C8540	1914	S. Wear
	C8540	1941	C.D. Chase
	C8540	1955	J.McK. Moon
Massereene Park – not seen since mid-1950s	J1485	1919	W.J.C. Tomlinson
	J1485	1919	S.A. Bennett
	J1485	1950	J.McK. Moon

Location	Grid Ref	Date	Recorder
Antrim Bay shoreline, Shane's Castle – ¼ mile south-east of mouth of Six Mile Water	J118880	1943	E.N. Carrothers
Glenariff ASSI	D220220	11 Aug 1983	Habitat Survey Team, EHS
Carravindoon, Rathlin Island	D155482	1986	Habitat Survey Team, EHS
Valley Golf Course, Portrush	C8540	1987	D.S. Lambert
Tawnaghmore, south-west of Kells	J125952	08 May 1996	I. Enlander & R. Bradley

Cerastium semidecandrum L. Little Mouse-ear
AN Rare Native

Dry sandy ground near the sea. All modern records are from the north coast with the exception of one from an island in Larne Lough.

Location	Grid Ref	Date	Recorder
Ballycastle	D1140	pre-1888	S.A. Stewart
Portrush Golf Course	C8740	1916	S. Wear
White Rocks, east of Portrush	C888407	12 May 1917	S. Wear
White Park Bay ASSI	D029447	09 Jul 1991	E. Porter & I. Crawford
	D018439	13 Jul 1991	E. Porter & I. Crawford

Ceratophyllum demersum L. Rigid Hornwort
AN Rare Native

Lakes and drains. Rare in Co. Antrim and only found in the Lough Neagh area, but locally frequent in the adjacent Co. Down. Possibly under-recorded in Co. Antrim.

Location	Grid Ref	Date	Recorder
Ushet Lough, Rathlin Island – extinct here now	D1448	1795	J. Templeton
	D1448	1882	S.A. Stewart
Brockish Bay, Lough Neagh	H9989	1993	W.I. McNeill & D. McNeill

Chaenorhinum minus (L.) Lange Small Toadflax
AN Rare Neophyte

Rare local plant of dry waste ground and landfill sites. Formerly reported to favour sites near railway tracks, but this habitat is now less important due to use of herbicide on railway ballast and trackside. Only two recent records.

Location	Grid Ref	Date	Recorder
Sandymount	J3371	c. 1863	H. Robinson
Antrim Town – railway	J1586	1936	R.Ll. Praeger
	J1586	1937	R.Ll. Praeger
Glarryford Station – railway	D0512	1936	R.Ll. Praeger
	D0512	1937	R.Ll. Praeger

Location	Grid Ref	Date	Recorder
Toome – both sides of Bann	H99	1943	J.McK. Moon
Megaberry (Maghaberry)	J1763	1956	E.N. Carrothers & J.McK. Moon
Three Mile Water Conservation Park, Bridge Road to Auld's Bridge	J337847	02 Sep 1990	S. Beesley & M. Beesley
Shore Road, Belfast – disturbed ground	J3478	15 Jul 1995	S. Beesley

Chaerophyllum temulum L. Rough Chervil
AN Rare Native

Local plant of hedges and thickets. Confined to Lough Neagh area, and now much less frequent, probably due to the lowering of the level of the Lough and by local drainage. There are many pre-1950 records, but only two after that date.

Location	Grid Ref	Date	Recorder
Derrymore National School , Lough Neagh	J0867	pre-1888	S.A. Stewart
	J0867	1915	BNFC
	J0867	1938	R.Ll. Praeger
Derryclone, Lough Neagh	J0765	1916	J.D. Houston
Hog Park Wood, Selshan	J0767	1920	R.Ll. Praeger & A.W. Stelfox
	J0767	1946	R.D. Meikle
Derrymore Point, Lough Neagh	J080671	31 Jul 1971	J. Harron
Lignaboy Point to Selshan Harbour, Lough Neagh	J0868	1991	Habitat Survey Team, EHS

Chamaemelum nobile (L.) All. Chamomile
UK VU Native
AN EX

A rare plant of damp disturbed ground and lake-shores. D. Moore reported in the 19th century that the plant was 'frequent on Lough Neagh', but it is certainly not now. There are several records pre-1944, but no later records, and the plant is now probably extinct in the county.

Location	Grid Ref	Date	Recorder
Lough Neagh – frequent	unknown	pre-1837	D. Moore
Trostan – high up on disused road	D1723	1901	C.F. D'Arcy
Doorish Point, Lough Beg	H990933	1918	A.W. Stelfox
Toome Bridge, Upper River Bann	H99	1944	J.McK. Moon

Chenopodium bonus-henricus L. Good-King-Henry
UK VU Archaeophyte?
AN Rare

Casual or garden escape usually associated with habitations; first recorded in 1793 near Dunmurry. Formerly frequent, now very rare, practically extinct in the county. The 1972 and 1976 reports were the first records after 1932.

Location	Grid Ref	Date	Recorder
west of Dunmurry	J2968	1793	J. Templeton
*c.*12 sites	n/a	c. 1860-1932	Various Recorders
Whitehead – by shore	J4791	1972	J. Hopton
Shane's Castle, near Lough Neagh	J110880	1976	H. Prendergast

Chenopodium murale L. Nettle-leaved Goosefoot
UK VU Neophyte
AN Rare

There are 1870 and 1897 reports of this species as a casual from two sites, but it is mainly known as a plant of the shore-line of Lough Neagh and connecting waterways. First recorded from Lough Neagh shore at Farr's Bay and from the Six Mile Water at Antrim in 1937. In view of the absence of earlier records from this area, Praeger considered that this plant, together with *C. polyspermum*, was introduced from rubbish containing flax scutchings washed down the River Maine from mills. It is still rare and local. All recent records are from the eastern part of the Lough Neagh area.

Location	Grid Ref	Date	Recorder
along Lough Neagh shore from Farr's Bay by Shane's Castle to Six Mile Water	J08 or J18	1937	R.Ll. Praeger & W.J. Sayers
Bellbrook House, Lough Neagh – shoreline	J1273	1971	P. Hackney
north of Antrim Bay, Lough Neagh	J1386	1986	D.S. Lambert & D.H. Riley
Shane's Castle Estate, Lough Neagh	J1187	31 Dec 1988	H. Gilmour & S. Beesley

Chenopodium rubrum L. Red Goosefoot
AN Scarce Status uncertain

Occasional casual, usually of waste ground and landfill sites near the coast. Perhaps not native to the county.

Location	Grid Ref	Date	Recorder
Belfast – on waste ground long since built over	unknown	pre-1825	J. Templeton
near Shane's Castle	J110880	1956	D. McClintock
Duncrue Street Tip, Belfast	J3478	1986	S. Beesley
Ardmore Point, Lough Neagh	J07	Jun 1989	J. Harron
Old gasworks site, Belfast – not found in 2001	J344735	1994	S. Beesley & J. Wilde
Docks area, Belfast	J3475	18 May 1994	S. Beesley & J. Wilde
Dargan Road, Belfast – landfill site	J3577	22 May 1994	J. Wilde
Carnagall – dump	D079206	07 Aug 2001	W.I. McNeill
Portmore Lough – ground cultivated for bird food crop	J104687	31 Jul 2003	M. Tickner

Cicerbita macrophylla (Willd.) Wallr. Common Blue-sow-thistle
AN Scarce Neophyte

Garden escape or discard, occasionally recorded from waste ground and roadside verges. It has persisted for many years at some sites.

Location	Grid Ref	Date	Recorder
Drum Bridge, River Lagan	J306670	pre-1938	E.N. Carrothers
	J306670	1977	P. Hackney
Belfast gasworks, Ormeau Embankment	J346730	1961-1964	E.N. Carrothers
Lambeg Bridge, River Lagan	J279663	1977	E.T. Daniels
Lambeg – roadside	J2766	08 Jul 1977	P. Hackney
Tate's Avenue, Belfast	J3272	01 May 1991	J. McCaughey, J. Wilde & S. Beesley
Lagmore Reservoir and adjacent valley	J266692	1999	S.A. Wolfe-Murphy

Cladium mariscus (L.) Pohl Great Fen-sedge
AN Rare Native

Very rare sedge of lake margins. Recorded from Lough Neagh at Selshan and from Portmore (J. Templeton) early in the 19th century and subsequently from Selshan (D. Moore), but now long lost from Lough Neagh and Portmore areas. The species has been recorded from two sites only since 1950, one on Rathlin Island and one in the Antrim Mountains near Carnlough.

Location	Grid Ref	Date	Recorder
Portmore, north of Ballinderry – extinct at this site now	J1169	pre-1825	J. Templeton
Selshan, Lough Neagh – extinct at this site now	J0867	pre-1825	J. Templeton
	J0867	pre-1837	D. Moore
Curraghvohill Lough, south-west of Carnlough	D256144	1953	J. Heslop-Harrison
	D256144	1989	P. Hackney
Carnlough – probably the same site as above	D21	Jul 1956	M.P.H. Kertland & J.E. Greer
marsh east of Kebble NR, Rathlin Island	D0951	c. 1971	P.J. Newbould
	D0951	Jun 1980	NNR Wardens field survey

Claytonia perfoliata Donn ex Willd. Springbeauty
AN Rare Neophyte

Very rare alien of waste ground, churchyard and gardens. Only recorded in Belfast where it has persisted at one site (Fisherwick Church) since 1977.

Location	Grid Ref	Date	Recorder
Fisherwick Church, Botanic area, Belfast	J333722	1977	O. Morton
	J333722	1992	J. Wilde & S. Beesley
	J3372	24 May 1995	S. Beesley & J. Wilde
City Hospital. Belfast	J330728	1977	D. Getty
Maryville Street car park behind Ormeau Baths, Belfast	J339735	25 Feb 1999	S.A. Wolfe-Murphy

Clematis vitalba L. Traveller's-joy
AN Scarce Neophyte

Garden escape or discard which sometimes becomes well-established.

Location	Grid Ref	Date	Recorder
Garron Point near Garron Tower	D298235	1915-1927	R.Ll. Praeger
	D298235	1982	P. Hackney
Carnlough – near railway bridge	D286180	1980	P. Hackney
Ballyboylands	C9826	c. 1982	H.D. Megaw
woods in Belfast Castle Estate, Cave Hill – one large patch	J3278	1982	P. Hackney
Lambeg – beside railway	J275662	1983	Miss Monagle
behind Cushendun Church – on old wall	D247328	1983	C.R. Tyrie & P. Hackney
Carnlough	D21	02 Oct 1986	S. Beesley & M. Beesley
	D21	13 Sep 1987	S. Beesley
Carnfunnock Country Park	D3806	18 Oct 1987	S. Beesley
	D3806	1992	S. Beesley

Cochlearia anglica L. English Scurvygrass
AN Scarce Native

A plant of muddy seashores and estuaries, occasionally plentiful. With the exception of a record from River Lagan estuary at Belfast, all records are from Larne Lough.

Location	Grid Ref	Date	Recorder
Glynn, Larne Lough	D4100	pre-1932	R.Ll. Praeger
Larne Lough salt marsh, Ballycarry – west shore	J4694	pre-1932	R.Ll. Praeger
	J4694	30 May 1985	Habitat Survey Team, EHS

Cochlearia officinalis L. subsp. ***scotica*** Druce (H. Watson)
AN DD Native
NI Priority; SOCC

The taxonomic status of this plant is uncertain which has resulted in its being deliberately ignored by many field recorders. It is likely to be much commoner than the records suggest. Found on rocky ground near the coast.

Location	Grid Ref	Date	Recorder
Runkerry area, Giant's Causeway	C934434	1934	R.Ll. Praeger
west of Fair Head	D1843	1934	R.Ll. Praeger
Murlough Bay	D2041	1935	R.Ll. Praeger
Torr Head	D223410	1935	R.Ll. Praeger
Cushendall	D2327	1936	BNFC
Portballintrae Harbour	C9242	1940	G.W. Gillespie
White Park Bay	D0143	14 May 2000	A.O. Chater

Conyza canadensis (L.) Cronq. Canadian Fleablane
AN Scarce Neophyte

This casual was first found in Northern Ireland on waste ground near Carlisle Circus, Belfast, during a BNFC evening excursion in 1990. Since then, it has been recorded from several other sites near the centre of Belfast, and a single large plant was found at Carrickfergus Marina. In 2000 and 2001, many hundreds of plants were found on waste ground on the former gasworks site on the Ormeau Road, Belfast. This site has since been developed.

Location	Grid Ref	Date	Recorder
Crumlin Road, Belfast	J327754	07 Aug 1990	BNFC, S. Beesley & J. Wilde
Carlisle Circus, Belfast	J334752	1990-1991	S. Beesley & J. Wilde
Belfast City Hospital	J331730	1991	S. Beesley & J. Wilde
Longland Road, Whiteabbey	J3582	1991	S. Beesley & J. Wilde
Carrickfergus Marina	J416872	26 May 1992	S. Beesley & M. Beesley
City Centre north, Belfast	J3374	1993	J.G. Angus, S. Beesley & J. Wilde
Antrim Road south, Belfast	J3375	1993	S. Beesley, J. Wilde
	J3375	29 May 1994	S. Beesley & J. Wilde
	J3375	06 Sep 1995	S. Beesley & J. Wilde
City Centre south, Belfast	J3373	29 Aug 1993	S. Beesley & J. Wilde
	J3373	01 Sep 1993	S. Beesley & J. Wilde
Old Gasworks, Ormeau Road, Belfast	J3473	Jul 2001	S. Beesley & J. Wilde
	J344735	16 Oct 2001	S. Beesley, J. Wilde, P. Hackney, O. Morton det. S. Reynolds
near sewage works, Victoria Channel	J350768	04 Oct 2001	S. Beesley & J. Wilde
	J3576	19 Jun 2002	S. Beesley & J. Wilde

Conyza sumatrensis (Retz.) E. Walker Guernsey Fleabane
AN Rare Neophyte

Found in some quantity with *C. canadensis* on waste ground at the former gasworks site on Ormeau Road, Belfast in 2001. This represents the first record for Northern Ireland. Identification was confirmed by Mrs S. Reynolds.

Location	Grid Ref	Date	Recorder
Gasworks, Ormeau Road, Belfast	J3473	Jul 2001	S. Beesley & J. Wilde
	J344735	16 Oct 2001	S. Beesley, J. Wilde, P. Hackney & O. Morton det. S. Reynolds

Cornus sericea L. Red Osier Dogwood
AN Rare Neophyte

This shrubby plant spreads by suckers, and has been introduced in two places in woods (Rea's Wood and Langford Lodge) around Lough Neagh.

Location	Grid Ref	Date	Recorder
Langford Lodge, Lough Neagh	J0975	unknown	Unknown
Rea's Wood, Antrim Bay (also planted at Deerpark Hotel close by)	J1485	1986	D.L. Kelly, R.S. Forbes & S. Beesley

Crambe maritima L. Sea-kale
NI Priority**;** SOCC Native
AN EX

Found once on Rathlin Island in 1794; not seen since.

Location	Grid Ref	Date	Recorder
Church Bay, Rathlin Island – shingle above high water mark; transplanted into garden and seen by J. Templeton there	D149510	1794	C. Gage

Crataegus laevigata (Poiret) DC. Midland Thorn
UK LC Neophyte
AN Rare

A few individuals in the the south of the county in hedgerows; much rarer than the hybrid with *C. monogyna*. Probably introduced from England in the 19th century mixed with other hawthorn quicks.

Location	Grid Ref	Date	Recorder
Carr's Glen, Ballysillan – hedge near Boy's Model School	J317781	1985	P. Hackney
in hedge of road leading to ford at Crow Glen, Wolf Hill (with *C. x media*)	J291769	1986	P. Hackney, C.R. Tyrie, S. Beesley & J. Wilde

Crataegus* x *media Bechst. = *C. laevigata* (Poiret) DC. x *C. monogyna* Jacq.
AN Scarce Neophyte

This shrub, often found as the F1 hybrid closely resembling *Crategus laevigata*, is scattered across south Co. Antrim in hawthorn hedges. It appears to have been introduced to Northern Ireland from England in the 19th century, mixed with common hawthorn used for hedging. It is far commoner than true *C. laevigata*, but much less common than *C. monogyna*.

Location	Grid Ref	Date	Recorder
several individuals in hedge of road leading to ford at Crow Glen, Wolf Hill	J295765	1986	P. Hackney, C.R. Tyrie, S. Beesley & J. Wilde
Larne	D4002	1987	S. Beesley
several individuals forming a hedge at Carrickfergus Commons (now inside a forestry plantation)	J380920	1988	P. Hackney
Ballycastle – Glenshesk River	D126404	25 May 1988	J. Harron
Carey River	D143406	25 May 1988	J. Harron
Altarichard	D1029	Aug 1999	P. Hackney
Altaguire Bridge, Glendun River	D179295	1 Aug 1999	J. Harron
Glendun River	D180296	1 Aug 1999	J. Harron
	D189305	5 Sep 1999	J. Harron

Crepis vesicaria L. Beaked Hawk's-beard
AN Rare Neophyte

Only one record from the county. This plant has so far failed to spread to any great degree in the north of Ireland, and is mainly a species of the south and east.

Location	Grid Ref	Date	Recorder
Glenoe	J3996	1974	J. Hopton

Crithmum maritimum L. Rock Samphire
AN Rare Native

Very rare plant of maritime rocks, with only two recent records in the county.

Location	Grid Ref	Date	Recorder
Garron Point Harbour on chalk rocks	D2922	1903	C.J. Lilly
	D300230	2005	J. Harron
Kebble, Rathlin Island	D090509	27 Sep 1991	E. Porter & I. Crawford

Cryptogramma crispa (L.) R. Br. ex Hook. Parsley Fern
IRDB Rare Native
RoI FPO
NI Priority; SOCC
AN Scarce

A very rare fern of rock fissures and scree. Known in the county since the 19th century with records from Doagh, Cave Hill and Carrickfergus Commons, as well as from Garron Plateau. However, it is now known only from a few high places on the Garron Plateau. This fern does not grow well in Northern Ireland. Colonies are tiny, and individuals are usually dwarf and lacking in vigour in contrast to its habit in Great Britain.

Location	Grid Ref	Date	Recorder
Carrickfergus commons – a few specimens	J3892	unknown	D. Moore
Knocklayd Mountain – north side	D115364	unknown	D. Moore
Cave Hill – among loose stones	J318798	unknown	D. Orr
between Doagh & Sandy Braes – stone ditch	J2689	unknown	G.C. Hyndman
Slievenanee, Newtown-Crommelin – just below cairn (1878); south brow in rock crevices (pre-1864)	D1621	pre-1864	G. Dickie
	D1621	1878	T.H. Corry
	D1621	1884	S.A. Brenan
	D1621	1908	W.J.C. Tomlinson
	D1621	1920	S.A. Bennett & J.R.H. Greeves
Fair Head – among fallen rocks below	D1843	1897	C.F. D'Arcy
Big Trosk – one clump on north side and another on south-east face	D269202	Jul 1920	R.Ll. Praeger & A.W. Stelfox
	D269202	1984	BNFC
near Pollan Burn, Garron Plateau – a clump on a dry built wall (1921); two strong colonies on scarps (1951); small colonies in three places on the low crags (1974)	D2518	May 1921	R.Ll. Praeger
	D2518	1951	E.N. Carrothers & J.McK. Moon
	D21	1974	J. Hopton & D. Ledsham.
	D2518	1975	D. Getty
	D21	13 Aug 1989	D. Ledsham & S. Beesley
Lough Fadda, Garron Plateau	D2519	1956	J. Heslop-Harrison
Little Trosk, Carnlough	D263196	1957	Stranmillis College Students
	D262196	04 Aug 1990	J. Harron
Lough Fine, Garron Plateau	D265204	between 1971 &	Habitat Survey Team,

Location	Grid Ref	Date	Recorder
		1987	EHS
Garron Plateau	D22	12 Aug 1989	D. Ledsham
Garron Plateau above Carnlough	D22	1989	D.S. Lambert
near Loughgarve, Glenariff	D211177	1990	J. Harron
Trostan – north face	D1723	1990	J. Harron

Dactylorhiza lapponica (Hartmann) Soó — Lapland Marsh-orchid
Euro listed under CITES Appendix II(C1) — Native
AN Rare

Local in flushes on Garron Plateau and Lough Naroon area. First recorded as recently as 1971, but the plants are regarded as referable to *D. traunsteinerioides* by some botanists.

Location	Grid Ref	Date	Recorder
Lough Naroon	D004175	1971	R. Piper
Garron Plateau	D22	1990	T. Ennis & J.C.L. Phillips
Inver river, east of Crockravar	D238202	26 Jun 1990	R. Anderson

Dactylorhiza traunsteinerioides (Pugsley)Landwehr — Narrow-leaved Marsh-orchid
(*Dactylorhiza traunsteineri* auct.)
NI WO**;** Priority; SOCC — Native
IRDB NT
AN Scarce

Local in boggy ground and marshes on high ground. No records before 1946 (Garron Plateau, R.D. Meikle).

Location	Grid Ref	Date	Recorder
Garron Plateau – this population is regarded as *D. lapponica* by some recorders	D22	1946	R.D. Meikle
	D22	2005	D. Ledsham, W. Semple & P. Hackney
Doonan, Upper Glencloy – remant of wild heathery ground; very badly damaged in recent years	D21?	1950	M.P.H. Kertland det. J. Heslop-Harrison
bog at Lough Naroon – largely destroyed by peat cutting since the records were made; alkaline flush running into peat cuttings (1990)	D005170	1955	J. Heslop-Harrison
	D005170	c. 1968	R. Piper
	D005174	28 Jun 1990	R. Anderson
	D005170	1991	R. Piper, T. Ennis, M. Low & D. Turner Ettlinger
Clady Burn, Glendun River	D23	09 Aug 1986	S. Beesley & BNFC
marsh near Lough Fadden, Fair Head and Murlough Bay	D187420	13 Aug 1987	S. Beesley & J. Wilde

Dactylorhiza traunsteinerioides (Pugsley) Verm. x ***D. maculata*** (L.) Soo
AN Rare — Native

Found with both parents in Lough Naroon area. May be under-recorded owing to similarity in appearance to parents.

Location	Grid Ref	Date	Recorder
Lough Naroon	D004170	c.1968	R. Piper

Dactylorhiza viridis (L.) Hartman Frog Orchid
UK VU Native

Listed here because of its inclusion in Cheffings & Farrell (2005), but otherwise fails the criteria for this *Register*. It is not uncommon in the county.

Location	Grid Ref	Date	Recorder
Knockagh, 1.5km north-west of Greenisland	J3686	1850-1865	W. Millen
Cushendun	D2535	pre-1864	S.A. Brenan
Cave Hill	J3179	1871	H. Robinson
Glenariff	D12	1875	BNFC
summit of Black Mountain above Windy Gap, Belfast Hills	J2873	1878	T.H. Corry
Broughshane	D1506	pre-1888	S.A. Stewart
Shane's Castle Estate, Lough Neagh	J1387	pre-1888	S.A. Stewart
Glenarm Park, Glenarm Forest	D31	pre-1888	S.A. Stewart
Stoneyford	J2070	1888	R.Ll. Praeger
Glendun	D12	pre-1894	S.A. Brenan
Agnew's Hill	D3301	1895	S.A. Stewart
Ballintoy	D0544	1895	S.A. Brenan
Hannahstown, between Divis and Black Mountain	J2875	1907	W.J.C. Tomlinson
Slemish Mountain	D2205	1913	S.A. Bennett
Loan Hill, Cullybackey	D0205	1917	W.R. Megaw
Ardclinis, Garron Plateau	D2723	1920	S.A. Bennett
Lurigethan	D2225	1920	C.D. Chase
Hyde Park, Hightown	J2981	pre-1923	W.J.C. Tomlinson
Rathlin Island	D15	1923-1924	S.A. Bennett, C.D. Chase & W.R. Megaw
	D15	1983	H.D. Megaw
Wolf Hill, Ligoniel	J2877	1926	N. Carrothers
White Park Bay ASSI	D015436	1962	M.P.H. Kertland
	D015436	1985	National Trust Biological Surveyor
	D0244	04 Jun 1985	Habitat Survey Team, EHS
	D04	10 Jun 1990	S. Beesley
	D029446	09 Jul 1991	E. Porter & I. Crawford
	D030446	10 Jul 1991	E. Porter & I. Crawford
	D026440	12 Jul 1991	E. Porter & I. Crawford
	D026441	12 Jul 1991	E. Porter & I. Crawford
	D025442	12 Jul 1991	E. Porter & I. Crawford
	D022440	13 Jul 1991	E. Porter & I. Crawford
	D023440	09 Jun 1992	M. Flatt
	D0244	09 Jun 2001	P. Hackney & BNFC
Slievenacloy	J2470	1967	R. Piper
	J24397103	12 Jun 1997	M. Wright
Cross Water, Skerrywhirry	D2900	1968	J. Harron

Location	Grid Ref	Date	Recorder
Goodland Td. at Murlough Bay	D1940	1982	H.D. Megaw
Clogh Mills	D01	1985	Various
Hannahstown	J27	30 May 1985	Various
Ballykennedy, Dundrod – in a meadow	J217771	1986-1987	I. Rippey
Newtown-Crommelin	D11	1987	BSBI Monitoring Scheme
Lisbreen, 1km south-east of Martinstown	D11L	22 Jun 1988	J. Harron
head of the Owencloghy River	D2604	pre-1990	J. Harron
Hightown Road	J3080	29 Aug 1990	S. Beesley & J. Wilde
Squire's Hill	J308796	30 May 1991	P. Hackney
Giant's Causeway – cliffland	C9545	1992	Unknown
Dunloy Village	D008180	Jul 2000	W.I. McNeill & A. McNeill

Daphne laureola L. Spurge-laurel
AN Rare Neophyte

Rarely established in the wild. Recorded well away from gardens and in natural environments, and unlikely to have been discarded. Possibly spread by birds eating berries from garden plants.

Location	Grid Ref	Date	Recorder
Knockagh, north-west of Greenisland	J3686	1986	S.A. Wolfe-Murphy & A.S. McMullin
woodland at Carnfunnock – on steep western facing slope	D377067	19 Mar 1986	S.A. Wolfe-Murphy & P.J.T. Brain
Crumlin Glen – established among ivy, *Vinca*, honeysuckle on riverside basalt cliff at waterfall	J1576	1990	P. Hackney

Descurainia sophia (L.) Webb ex Prantl Flixweed
AN Scarce probably Archaeophyte

Occasional in disturbed sandy ground, often near the sea-shore. Recorded from the Larne Lough area in the 19th century, but all recent records are from around Belfast Lough where it appears periodically in large numbers on waste and disturbed ground.

Location	Grid Ref	Date	Recorder
Carrickfergus – 'Among the ruins of Carrickfergus I found *Sisymbrium Sophia* in plenty' 2 Sept. 1812 – Journal of J. Templeton	J4187	1812	J. Templeton
Magheramorne Spit, Larne Lough – ballast heaps	J4498	1876	S.A. Stewart
Greenisland – casual imported with food for fowl	J3785	1893	Mrs White-Spunner
Belfast (Antrim) – waste ground	J36	1893-1894	R. Hanna
Larne Harbour railway station	D4102	1920	S.A. Bennett & C.D. Chase
Loughshore Park, Greenisland – one specimen on lough shore; site destroyed by Loughshore Park development	J365835	1972	S. Beesley

Location	Grid Ref	Date	Recorder
Trooperslane, one mile south-west of Carrickfergus – shore at about storm tide level; one plant in 1975, 17 plants in 1979	J3986	1975	S. Beesley
	J3986	1976	S. Beesley
	J3986	1979	S. Beesley
Belfast Lough shore – near sewage works	J37	1986	S.A. Wolfe-Murphy
York Street, Belfast – waste ground	J303673	1986	S.A. Wolfe-Murphy

Diplotaxis muralis (L.) DC. Perennial Wall-rocket
AN Rare, perhaps EX Neophyte

Very rare weed or casual of waste ground etc. Persisted for 12 years (1946-1958) on West Strand, Portrush, but not seen since in that area.

Location	Grid Ref	Date	Recorder
Castle Erin, Portrush – west strand	C83	1946-1958	C.D. Chase
Portrush Golf Course	C83	1957	C.D. Chase
Carrickfergus – waste ground	J416875	26 Aug 1988	R.W. Field & S. Beesley

Doronicum pardalianches L. Leopard's-bane
AN Rare Neophyte

Garden escape or discard. Occasionally becoming established. At the Bladon Drive site, it has been known since at least 1957.

Location	Grid Ref	Date	Recorder
River Braid at Broughshane	D155068	pre-1888	S.A. Stewart
Beech Hill near Doagh	J2789	pre-1888	W.S. Smith
Birch Hill, Antrim	J18	1908	W.J.C. Tomlinson
Bladon Drive, Malone – between Drive and Park, Belfast	J330707	1957	J.H. Penson
	J330707	1981	P. Hackney
Kilroot, Carrickfergus	J433899	1986	S. Beesley

Draba incana L. Hoary Whitlowgrass
IRDB Rare Native
AN Rare

Very local plant of chalk outcrops. All records are confined to the areas of Torr Head and Fair Head, where in some rocky places it is locally quite plentiful.

Location	Grid Ref	Date	Recorder
Murlough Bay and east side of Fair Head – chalk	D2041	1907	A.W. Stelfox
	D2041	1921	S.A. Bennett & C.D. Chase
	D2041	1935-1937	R.Ll. Praeger
	D185430	May 1985	National Trust Biological Surveyor
	D185430	Aug 1988	Habitat Survey Team, EHS

Location	Grid Ref	Date	Recorder
Torr Head (Greenanmore West Torr) – at c. 275m, on chalk. The site is described in various ways in the literature, but all references seem to indicate the chalk outcrops at c.D214407 to the north of the hairpin bend on the road to Torr Head via Escort; also described as c. 1 mile or c. 1¼ mile west of Torr Head. The 1989 Beesley & Wilde record may not be correctly gridded or may indicate another distinct site at a much lower altitude	D214407	1910	N. Carrothers
	D214407	1910	W.J.C. Tomlinson
	D214407	1921	S.A. Bennett & J.R.H. Greeves
	D214407	1935-1937	R.Ll. Praeger
	D223410	1989	S. Beesley & J. Wilde
	D24	20 Aug 1990	S. Beesley & J. Wilde
	D214407	06 Aug 1991	P. Hackney
	D214407	10 Aug 1996	P. Hackney, J.W.D. Semple & BSBI

Draba muralis L. Wall Whitlowgrass
AN Scarce Neophyte

Rare plant of walls and gravel chippings. Very persistent in one locality. For example, the plant was known on Armoy old bridge in 1896 and was still in this vicinity in 2003.

Location	Grid Ref	Date	Recorder
wall of Armoy old bridge over Bush	D078333	23 May 1896	S.A. Stewart
	D078333	1907	W.J.C. Tomlinson
Templepatrick	J2385	1909	S. Wear
	J2385	1916	S.A. Bennett
Taylorstown, north-west of Randalstown	J0494	1917	W.R. Megaw
Castle Upton, Templepatrick	J228858	14 Jun 1924	BNFC
Armoy Round Tower	D077333	1962	C.R. Nodder
Ballycastle	D119411	01 May 1987	H.D. Megaw
Armoy – not on Tower but on rock chippings on adjacent graves and gravel at National School nearby	D077333	1990	P. Hackney
Carneagh, north-east of Armoy	D0733	27 Apr 1990	S. Beesley
Bushmills Town – west side of A2 and nearby wall	C942413	1991	S. Beesley
Giant's Causeway	C94	24 May 1991	S. Beesley & M. Beesley
Kilcrue Cross, south-west of Ballycastle – on quarry spoil	D085382	31 May 1991	S. Beesley & M. Beesley
Cullybackey	D00	17 Jun 1992	S. Beesley & J. Wilde
Freemanstown Quarry, Donegore Hill	J2189	02 Jun 1993	S. Beesley & J. Wilde
walls and car park near Armoy Anglican Church	D077333	2003	P. Hackney

Drosera anglica Huds. Great Sundew
UK NT Native

On bogs – not uncommon in the county and only threatened by the gradual destruction of its habitat. Included here because of its inclusion in Cheffings & Farrell (2005).

Location	Grid Ref	Date	Recorder
Tievebulliagh ASSI	D1926	pre-1837	D. Moore
Sluggan Bog/Moss – was still there in 1977, but the bog has now been drained (apparently by Bulrush Peat of Newferry) and the plant was presumed extinct. However, it was found here in 1985	J0993	pre-1837	D. Moore
	J0593	1908	W.J.C. Tomlinson
	J0993	31 Jul 1968	Habitat Survey Team, EHS
	J095935	1977	I. Rippey
	J0993	Sep 1985	Habitat Survey Team, EHS
Lough Naroon	D004175	1894	R.Ll. Praeger
	D004175	1950	Unknown
Inver River, Garron Plateau – north tributary	D22J	1956	M.P.H. Kertland
Montiaghs Moss ASSI, Lough Neagh	J096660	01 Aug 1970	J. Harron
	J092654	23 May 1985	Habitat Survey Team, EHS
	J094655	18 Jun 1985	Habitat Survey Team, EHS
	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J091655	24 Jul 1985	Habitat Survey Team, EHS
	J089650	24 Jul 1985	Habitat Survey Team, EHS
	J092654	24 Jul 1985	Habitat Survey Team, EHS
	J099659	07 Aug 1985	Habitat Survey Team, EHS
	J093652	1986	BSBI
	J0965	01 Aug 1990	S. Beesley & J. Wilde
Derrymore, Lough Neagh	J0867	1970	J. Harron
Upper Glenariff Mountain East, Garron Plateau	D2219	29 Jun 1974	P. Hackney & BNFC
Garron Plateau	D244195	13-17 Jun 1977	Habitat Survey Team, EHS
	D255208	13-17 Jun 1977	Habitat Survey Team, EHS
	D241198	13-17 Jun 1977	Habitat Survey Team, EHS
	D260202	13-17 Jun 1977	Habitat Survey Team, EHS
	D234193	13-17 Jun 1977	Habitat Survey Team, EHS
	D22	12 Aug 1989	D. Ledsham
Garry Bog ASSI	C9430	1978	C.T. Mooney
	C933306	24 Oct 1985	Habitat Survey Team, EHS
	C933307	24 Oct 1985	Habitat Survey Team, EHS
	C944286	Jul 1998	W.I. McNeill
Dunloy Bog ASSI	D03051990	19 Sep 1985	Habitat Survey Team, EHS

Location	Grid Ref	Date	Recorder
Boyd's Bog	D042186	02 Oct 1985	S.J. Leach & P.J.T. Brain
Clogh Mills	D01	28 Sep 1989	W.I. McNeill & D. McNeill
	D01	27 Jun 1990	S. Beesley & J. Wilde
west of Big Trosk, Glenariff	D266201	Aug 1990	J. Harron
Slieveanorra National Nature Reserve	D1327	31 Jul 1991	R.J.H. Hamill, A. Waterman & G. Watson
Frosses Bog, Glarryford	D0515	pre-1992	Unknown
Benmore or Fair Head	D177438	pre-1992	Unknown
Dervock	C93	22 Jul 1992	S. Beesley & J. Wilde
Cloonty Bog	C97313534	21 Sep 1995	P. Corbett & R.J.H. Hamill
	C97363540	21 Sep 1995	P. Corbett & R.J.H. Hamill
	C97133493	21 Sep 1995	P. Corbett & R.J.H. Hamill
	C97123496	21 Sep 1995	P. Corbett & R.J.H. Hamill
	C97363546	21 Sep 1995	P. Corbett & R.J.H. Hamill
Glassaneeran lower bog, 1km north-west of Moss-Side	D002359	16 Nov 1995	A. Waterman
Caldanagh Bog ASSI	D020207	28 Sep 1995	Habitat Survey Team, EHS
Glenaan River	D22	02 Oct 1996	A. Waterman
Ballybollen Bog	J038974	Unknown	Habitat Survey Team, EHS

Dryas octopetala L. Mountain Avens
NI WO Native
IRDB NT
AN Rare

Very rare arctic alpine relict. Only one station in the county – on basalt escarpment (Knock Dhu) in abundance at 250-330m. First recorded in 1884 and regularly since.

Location	Grid Ref	Date	Recorder
Knockdhu (Sallagh Braes) – basalt scarps, c. 335m	D340068	1884	H.W. Lett
	D343069	1914	A.W. Stelfox
	D340068	06 Jun 1971	R. Anderson & J. Anderson
	D343069	1973-1979	S. Beesley
	D343068	1991-1996	P. Hackney
	D30	14 Sep 1991	S. Beesley & BNFC
	D3406	11 Apr 1996	P. Hackney, R.H. Northridge, R.S. Forbes & H.J. Northridge
	D3406	1997	W.I. McNeill & J. Harron
	D3406	17 Aug 1999	P. Hackney, R.S. Weyl & D.T. Holyoak

Echium vulgare L. Viper's-bugloss
NI Priority; SOCC Native
AN EX

The plant is locally frequent on dunes in Co. Down, but there is only one record for Co. Antrim.

Location	Grid Ref	Date	Recorder
Cushendun	D2535	c.1864	S.A. Brenan

Elatine hexandra (Lapierre) DC. Six-stamened Waterwort
NI Priority; SOCC Native
AN Rare (but record doubtful)

Although this species is locally frequent in the adjacent counties, there is only one very old and uncertain record in the county.

Location	Grid Ref	Date	Recorder
Rathlin Island – considered to be very doubtful	D15	pre-1885	C. Gage

Elatine hydropiper L. Eight-stamened Waterwort
NI WO; SOCC Native

This small aquatic plant was first recorded in 1847 by Dr Mateer from the "Lagan Canal at HWM" (probably close to the present day Belfast Boat Club). It was last seen in the Lagan Navigation in 1937. All modern records have been from the shores of Loughs Neagh and Beg. There are more than 10 sites post-1950, but is included here because of its status as a Northern Ireland SOCC.

Location	Grid Ref	Date	Recorder
Lagan canal at HWM	c. J340709	1847	Dr Mateer in **BEL**
Ballyscullion East, Lough Beg	H9895	1937	Mrs Wright
	H985948	24 Jun 1973	J. Harron
Cranagh Bridge, Lagan Canal	J097640	Jun 1937	R.Ll. Praeger
Lagan Canal below Aghalee	J1264	Jun 1937	R.Ll. Praeger
Creagh Bog – where old course of Bann enters Lough Beg	H9892	1943	E.N. Carrothers
Lough Neagh at Toome	H9990	1952	J.E. Greer
Selshan Harbour, Lough Neagh	J0867	1952	T.M. Harris
	J0867	1953	M.P.H. Kertland
	J0868	25 Jun 1991	S.A. Wolfe-Murphy
shoreline at Gawleys Gate, Lough Neagh	J087675	between 1969 & 1972	J. Harron
The Green Beds, Lough Beg	H987965	09 Aug 1970	J. Harron
inlet a little north of Lady Bay, Lough Neagh	J090693	1970	J. Harron
Three Islands, Lough Neagh	J0085	1970	J. Harron
	J000858	22 Aug 1971	J. Harron
	J0085	Aug 1981-Aug 1982	R. Davidson
Farrs Bay NR, Randalstown Forest	J089870	1970	J. Harron
Tunny Point, Lough Neagh	J093700	17 Oct 1970	J. Harron
Pollan Bay, Lough Neagh	H988865	04 Jul 1971	J. Harron
south of Sandy Bay, Lough Neagh	J1171	1971	J. Harron
Feumore Point, Lough Neagh	J103709	1971	J. Harron
Sandy Bay, Lough Neagh	J114714	10 Oct 1971	J. Harron

Location	Grid Ref	Date	Recorder
Lady Bay, Lough Neagh	J093693	10 Oct 1971	J. Harron
Brockish Bay to Gawley's Bay	H9887	21 Jul 1988	Habitat Survey Team, EHS
Brockish Bay, Lough Neagh	H995892	24 Jun 1991	N.I. Ireland Lake Survey
Drumraymond at Lough Beg	H988937	1999	J. Harron

Eleocharis acicularis (L.) Roemer & Schultes Needle Spike-rush
AN Scarce Native

At edge of lakes and ponds and also sometimes in quite deep water. Formerly locally common around Lough Neagh, but in the past three decades the population has drastically declined to the verge of extinction.

Location	Grid Ref	Date	Recorder
Broadwater, Friar's Glen	J147625	pre-1825	J. Templeton
Lower Bann near Portglenone	C9703	pre-1825	J. Templeton
	C9703	pre-1938	R.Ll. Praeger
Portmore Lough	J1168	pre-1888	S.A. Stewart & S.A. Brenan
Ballyscullion East, Lough Beg – drain	H9895	1919	W.R. Megaw
Lady Bay, Lough Neagh	J090693	pre-1923	J.D. Houston
Hog Park Point, Lough Neagh	J0767	pre-1923	J.D. Houston
	J075684	01 Aug 1970	J. Harron
Cranfield Bay, Lough Neagh	J055852	between 1958 & 1959	G.E. Drennan
Farrs Bay, Lough Neagh	J0986	1969	J. Harron
Three Islands, Lough Neagh	J0085	1969	J. Harron
	J000858	22 Aug 1971	J. Harron
Brockish, Lough Neagh	H993889	28 Sep 1969	J. Harron
The Green Beds, Lough Beg	H987972	09 Aug 1970	J. Harron
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
Cow Island, Lough Beg	H987967	08 Jul 1988	Habitat Survey Team, EHS
Mullagh	H983934	09 Jun 1989	N.I. Lake Survey

Eleocharis uniglumis (Link) Schultes Slender Spike-rush
AN Scarce Native

This spike-rush grows in brackish marshy areas and is local. It was reported for the first time in the county in 1986 from a flushed area near the sea at Brown's Bay; refound here in 1992.

Location	Grid Ref	Date	Recorder
Skernaghan Point, Brown's Bay, Islandmagee	D4303	25 Sep 1986	S. Beesley
	D437034	17 Jun 1992	J.A. Lister
Ballycastle	D14	1987	S. Beesley
Lough Craigmacagan, Rathlin Island	D154497	13 Jul 1988	N.I. Lake Survey

Elodea nuttallii (Planchon) H. St. John Nuttall's Water-weed
AN Scarce Neophyte

A recent introduction which was first recorded in the county in 1987. Nearly all records in the county are from River Lagan. In 1984, it was found stranded on the shore line of Lough Neagh in Co. Tyrone, but has not yet been reported from the Co. Antrim shore of the Lough.

Location	Grid Ref	Date	Recorder
Shaw's Bridge, River Lagan	J325690	1987	C.D. Preston
Antrim Town	J18	1987	Unknown
Deramore, Lagan Valley regional park	J332695	1996	S.A. Wolfe-Murphy
Hilden	J280648	1996	S.A. Wolfe-Murphy
Edenderry	J320676	1996	S.A. Wolfe-Murphy
Union Bridge	J271642	04 Jun 1997	Water Management Unit, EHS

Elytrigia atherica (Link) Kerguelen ex Carreras Mart Sea Couch
AN Rare Native

This grass has been recorded once from the north coast of Co. Antrim, but may be under-recorded owing to confusion with the hybrid between *E. atherica* and *E. juncea*.

Location	Grid Ref	Date	Recorder
Craigahullier, south-east of Portrush – as var. *setigera* Dumort. *This record requires confirmation*	C83	20 May 1993	S. Beesley & J. Wilde

Elytrigia* x *laxa (Fries) Kerguelen = *E. juncea* (L.) Nevski x *E. repens* (L.) Desv.
AN Rare Native

Rarely recorded hybrid which grows with the parents in sandy areas. A record dated before 1895 from Red Bay, Waterfoot has not been confirmed, and the only other record is from Cushendun Bay in 1955. It is likely that this hybrid is greatly under-recorded owing to confusion with its parents.

Location	Grid Ref	Date	Recorder
Red Bay, Waterfoot	D2425	pre-1895	W.A. Shoolbred
Cushendun Bay	D2533	22 Jul 1955	R.E. Parker in **BEL**

Elytrigia* x *obtusiuscula (Lange) N. Hylander
= *E. atherica* (Link) Kerguelen ex Carreras Mart.x *E. juncea* (L.) Nevski
AN Rare Native

Another confusing grass. Very little weight should be given to the lack of recent records.

Location	Grid Ref	Date	Recorder
Carnlough Bay – ditch on roadside	D2817	1910	C.H. Waddell det. P. Hackney & P.J.O. Trist

Epilobium brunnescens hybrids

For convenience these are grouped together. These records include the first instance of any *E. brunnescens* hybrid from the British Isles, but have been the source of much confusion. Full details are given in Kitchener & McKean (1998). There have been no further reports of any of these hybrids, probably because they were inhabiting unstable habitats (quarry waste) together with their own inherently fugitive natures.

Epilobium x ***brunnatum*** Kitchener & McKean

= *E. brunnescens* (Cockayne) Raven & Englehorn x *E. ciliatum* Rafin

AN Rare Native

This hybrid was found once on the shores of Larne Lough below the adjacent quarry spoil tip of Magheramorne Quarry.

Location	Grid Ref	Date	Recorder
Magheramorne Quarry spoil heap on shore of Larne Lough	J4498	1981	D. Ledsham & D. Getty det G.R. Kitchener & D.R. McKean; in **BEL**

Epilobium x ***confusilobum*** Kitchener & McKean

= *E. brunnescens* (Cockayne) Raven & Englehorn x *E. montanum* L.

AN Rare Native

This hybrid has only been found certainly at one site, with the parents, at Ladyhill Quarry in 1996 (J. Wilde), and in 1997 (P. Hackney & J. Wilde). The entry in Stace (1997: 447), mentioning a record in 1981 on a spoil heap in Co. Antrim refers to a specimen in **BEL** which was redetermined as *E.* x *brunnatum* in 1996.

Location	Grid Ref	Date	Recorder
Ladyhill Quarry – spoil heap	J173916	17 Sep 1996	J. Wilde
	J173916	15 Aug 1997	P. Hackney & J. Wilde conf. D.R. McKean; in **BEL**

Epilobium x ***obscurescens*** Kitchener & McKean

= *E. brunnescens* (Cockayne) Raven & Englehorn x *E. obscurum* Schreber

AN Rare Native

This hybrid was found once on the shores of Larne Lough below the adjacent quarry spoil tip of Magheramorne Quarry. This is the type locality for the nothospecies.

Location	Grid Ref	Date	Recorder
Magheramorne Quarry spoil heap on shore of Larne Lough	J4498	01 Jul 1980	D. Ledsham det T.D. Pennington & D.R. McKean; in **E**, **BEL** (types)
	J4498	24 Jul 1983	R.Piper det D.R. McKean & G.D. Kitchener; in **BEL**

Epipactis leptochila (Godfery) Godfery — Narrow-lipped Helleborine
UK DD — Native
AN EX

Plants apparently referable to this species were found at various times between 1979 and 1986 amongst *Epipactis helleborine* in a spruce plantation in Red Hall demesne. The plantation was clear-felled subsequently, and thus the plant is probably extinct. If correct, this was the only known site in Ireland.

Location	Grid Ref	Date	Recorder
Red Hall Estate – spruce plantation	J447954	1979-1986	R. Piper

Epipactis palustris (L.) Crantz — Marsh Helleborine
NI SOCC — Native
AN EX

There is only a single record for this lovely orchid. Possible sites in the county have been examined without success.

Location	Grid Ref	Date	Recorder
south of Portballintrae – in a low meadow	C9242	pre-1837	D. Moore

Epipactis phyllanthes G. E. Smith — Green-flowered Helleborine
NI Priority; SOCC — Native
AN EX

This orchid is apparently exceedingly rare, and may now be extinct. A single specimen collected in Glenarm Park (specimen in **BEL**) in 1865 was identified as this species in 1971. The Park has been searched several times from the 1970s onwards without success.

Location	Grid Ref	Date	Recorder
Glenarm Park	D31	1865	H. Robinson det. R. Piper & D.P. Young

Equisetum x ***font-queri*** *Rothm.* = *E. palustre* x *E. telmateia*
AN Rare — Native

There is only a single record of this hybrid. It was found with parents nearby on a roadside verge at Kilroot in 1993. It was determined by J. Wilde. As with other *Equisetum* hybrids, it is possibly under-recorded.

Location	Grid Ref	Date	Recorder
Kilroot Park, Belfast Lough	J4489	18 Jun 1993	S. Beesley & J. Wilde

Equisetum variegatum Schleicher — Variegated Horsetail
AN Rare — Native

First recorded in the county in 1984 and very rare. The plant is very variable. At the Glenballyemon site, the plant is stated to be a dwarf form (J. Harron), whereas on the banks of the Carey River it is described by the same observer as 'rank'.

Location	Grid Ref	Date	Recorder
escarpment on the eastern slope of Trostan, very thinly on stony springs on the talus slopes below the crags	D190235	25 Aug 1984	J. Harron
Careymill Bridge, Carey River – rank form on bank of river	D142405	25 May 1988	J. Harron

Erica vagans L. Cornish Heath
NI WO; Priority; SOCC Neophyte
AN Rare

Not native in the county, merely a garden escape which did not persist.

Location	Grid Ref	Date	Recorder
Shane's Castle – on rocky shore	J1188	1956	J.McK. Moon & D. McClintock

Erinus alpinus L. Fairy Foxglove
AN Rare Neophyte

Rare garden introduction, which can become well-established on walls.

Location	Grid Ref	Date	Recorder
Redhall Estate	J455948	1977	P. Hackney
Benvardin Gardens, Garry Wood	C946330	09 Jun 2000	W.I. McNeill
Tullaghgarley at Ballymena	D091016	May 2003	W.I. McNeill

Erodium lebelii Jordan Sticky Stork's-bill
AN Rare Native

Rare plant of sand dunes and sandy areas near the sea. Possibly under-recorded because of confusion with *E. cicutarium*.

Location	Grid Ref	Date	Recorder
Portrush	C8540	1970	D.S. Lambert det. P.M. Benoit
Giant's Causeway NNR	C949446	17 Jul 1991	E. Porter & I. Crawford

Erodium moschatum (L.) L'Her Musk Stork's-bill
AN EX probably Neophyte

Waste places near the sea. Not seen in Co. Antrim since 1886, when it was reported from Ballycastle sea-front by R.Ll. Praeger.

Location	Grid Ref	Date	Recorder
Gortnacross	D2025	pre-1832	D. Moore
Ballycastle Bay	D122411	1886	R.Ll. Praeger

Erophila glabrescens Jordan Glabrous Whitlowgrass
AN Rare Native

Rare but almost certainly under-recorded, owing to confusion with other *Erophila* species.

Location	Grid Ref	Date	Recorder
Selshan Bridge, Selshan Drain	J0868	01 May 1979	P. Hackney det. T.C.G. Rich
Lennymore Bay, Lough Neagh – heath at mouth of Crumlin River	J1275	18 Apr 1980	P. Hackney det. T.C.G. Rich

Eryngium maritimum L. Sea Holly
AN Rare Native

Formerly frequently recorded from all sandy areas and sand dunes on the north coast, but now rarely recorded. The reason for the decline is not known, but a similar decline has been reported from adjacent counties in Northern Ireland, and in both Scotland and north-east England. The only post-1950 records are from White Park Bay. Bushfoot dunes have been searched thoroughly recently, without success.

Location	Grid Ref	Date	Recorder
Bush Foot Sandhills	C938432	1793	J. Templeton
	C938432	between 1935 & 1937	R.Ll. Praeger
Ballycastle Golf course	D1241	pre-1864	H. Hincks
Cushendun Bay	D2533	1865	H. Robinson
	D2533	between 1935 & 1937	R.Ll. Praeger
Red Bay, Waterfoot – gone by 1937	D2425	1865	BNFC
	D2425	1886	R.Ll. Praeger
	D2425	1920	S.A. Bennett
Cushendall Bay	D2427	pre-1888	S.A. Stewart
Portrush golf-links and close to Golf Hotel as was extant in 1909. The golf-links were not the same as present-day Portrush Golf Club, and would seem to have been close to the Londonderry county boundary	C8439	1909	S. Wear
White Park Bay ASSI – 1 plant only (1954); 2-3 clumps on foreshore (1992)	D0244	Aug 1953	P. Jagoe
	D0143	1954	C.R. Nodder
	D019440	1992	Unknown
	D01604399	1999	D.T. Holyoak det. R.S. Weyl
	D0244	03 Jun 2002	BNFC det. P. Hackney

Euphorbia exigua L. Dwarf Spurge
UK NT Archaeophyte
AN EX

Colonist of cultivated fields and disturbed ground. There are 12 records from the 19th century and the early part of the 20th century, but the last record was before 1923 (N. Carrothers). The species should now be considered extinct in Co. Antrim. Presumably the changes in agricultural practices and the reduction of arable farming are major contributors to the decline.

Location	Grid Ref	Date	Recorder
Derriaghy – field	J2767	1804	J. Templeton
Lambeg – gravel pit	J2766	1804	J. Templeton
Glenarm Park	D31	pre-1864	G. Dickie
Randalstown	J0890	pre-1864	W. Millen

Location	Grid Ref	Date	Recorder
Eden	J4388	pre-1864	W. Millen
cultivated fields, Islandmagee	D40 or J49	1866	S.A. Stewart
Donegore	J2087	pre-1888	R. Ll. Praeger
Railway banks from Antrim - Ballinderry	J16 or J18	pre-1888	S.A. Stewart
sandy fields by Crumlin River	J17 or J27	pre-1895	T.H. Corry
common about Ballymena	D10	pre-1895	M.C. Knowles
Ballyscullion	H99	1895	M.E. Leebody
Drumsough Station (formerly Cookstown Junction)	J117905	1898	J. Adams
	J117905	1908	W.J.C. Tomlinson
limestone quarry near Aghalee	J1265	1912	Miss Mitchel
Portrush above Cloughorr	C8739?	pre-1923	S. Wear
Taylorstown near Ahoghill	J0494?	pre-1923	W.R. Megaw
Ballintoy	D04	post-1930	*Perring & Walters (1962)*
Rathlin Island (2 sites)	unknown	post-1930	*Perring & Walters (1962)*

Euphorbia hyberna L. Irish Spurge
UK VU Neophyte
AN Rare

Not native to Northern Ireland: merely escapes from gardens.

Location	Grid Ref	Date	Recorder
Dunadry – east	J2085	Jun 1989	S. Beesley & J. Wilde
Malone Upper, Belfast	J3169	10 Jun 1995	J. Wilde & S. Beesley

Euphorbia paralias L. Sea Spurge
AN Rare Native

Confined to sand-dunes and sandy areas on the north coast, where there are records from two sites.

Location	Grid Ref	Date	Recorder
White Park Bay ASSI	D0143	1985	Habitat Survey Team, EHS
	D04	10 Jun 1990	S. Beesley
	D030444	10 Jul 1991	E. Porter & I. Crawford
	D025442	13 Jul 1991	E. Porter & I. Crawford
	D017439	14 Jul 1991	E. Porter & I. Crawford
	D023440	09 Jun 1992	M. Flatt
Runkerry (Bushfoot) Dunes	C9342	08 Jul 1997	Habitat Survey Team, EHS

Euphorbia portlandica L. Portland Spurge
AN Scarce Native

Distribution similar to *E. paralias*, but locally more common.

Location	Grid Ref	Date	Recorder
White Park Bay ASSI	D0244	Aug 1953	P. Jagoe
	D0244	04 Jun 1985	Habitat Survey Team, EHS
	D04	05 Jun 1986	S. Beesley & M. Beesley
	D0244	17 Aug 1988	Habitat Survey Team, EHS
	D04	10 Jun 1990	S. Beesley
	D029447	09 Jul 1991	E. Porter & I. Crawford
	D029446	09 Jul 1991	E. Porter & I. Crawford
	D028445	10 Jul 1991	E. Porter & I. Crawford
	D024442	12 & 13 Jul 1991	E. Porter & I. Crawford
	D018439	13 Jul 1991	E. Porter & I. Crawford
	D021440	13 Jul 1991	E. Porter & I. Crawford
	D014438	14 Jul 1991	E. Porter & I. Crawford
	D023440	09 Jun 1992	M. Flatt
	D0244	Sep 1995	W.I. McNeill & J. Harron
Giant's Causeway	C94	05 Jun 1986	S. Beesley & M. Beesley
	C94	17 Jun 1989	S. Beesley & M. Beesley
	C94	24 May 1991	S. Beesley & M. Beesley
Runkerry (Bushfoot) Dunes	C9342	14 May 1994	S. Beesley
	C934424	Aug 1995	W.I. McNeill & D. McNeill
	C934424	11 Jun 1996	P. Hackney
	C9342	08 Jul 1997	Habitat Survey Team, EHS
Portrush Golf Course – dunes at seaward edge of golf course	C8740	21 Jun 1999	P. Hackney

Euphrasia spp.
Eyebrights

In general, information about this genus is data deficient.

Euphrasia anglica Pugsley
UK EN Native
AN DD

Rarely recorded; last record 1939.

Location	Grid Ref	Date	Recorder
Black Mountain	J2974	1878	T.H. Corry det. P.F. Yeo
Sallagh Braes	D344052	1939	Unknown det. H.W. Pugsley

Euphrasia arctica Lange ex Rostrup x ***E. nemorosa*** (Pers.) Wallr.
AN DD Native

One record only, which requires confirmation.

Location	Grid Ref	Date	Recorder
Straidkilly Point – looks like *E. nemorosa* in habit, but is very densely glandular *This record requires confirmation*	D305164	26 Aug 1997	P. Hackney

Euphrasia arctica Lange ex Rostrup x ***E. scottica*** Wettst.
AN DD Native

A single record in **BEL**.

Location	Grid Ref	Date	Recorder
Parkmore or Aganlane Td., Glenariff Forest	D12	1955	M.P.H. Kertland det. P.F. Yeo

Euphrasia confusa Pugsley
AN DD Native

This species is probably not rare.

Location	Grid Ref	Date	Recorder
Glenariff	D22	1937	R.Ll. Praeger
Cave Hill	J3179	1938	Unknown det. H.W. Pugsley
Rumbling Hole Quarry, Hannahstown	J265725	13 Jul 1999	S.A. Wolfe-Murphy
Monagh by-pass/Springfield Road, Turflodge	J295735	13 Sep 1999	S.A. Wolfe-Murphy
Cavehill Country Park	J326808	02 Aug 2000	S.A. Wolfe-Murphy

Euphrasia micrantha Reichb. x ***E. tetraquetra*** (Breb.) Arrond.
AN DD Native

A single report only.

Location	Grid Ref	Date	Recorder
Ballintoy Harbour	D037453	23 Aug 2003	G.V. Day

Euphrasia rostkoviana Hayne
UK VU Native
AN DD

A single record in **BEL**; requires confirmation.

Location	Grid Ref	Date	Recorder
Cullybackey – meadow by river Main at Loopagh *This record requires confirmation*	D0505	24 Jul 1918	W.R. Megaw & S. Wear det. P. Hackney

Euphrasia scottica Wettst.
AN Scarce Native

Mires or wet heaths in upland districts.

Location	Grid Ref	Date	Recorder
Parkmore or Aganlane Td., Glenariff Forest	D1921	1953	M.P.H. Kertland det. P.F. Yeo
Carnlough	D2818	1957	M.P.H. Kertland det. P.F. Yeo
Lough Naroon	D0017	1958	M.P.H. Kertland det. P.F. Yeo
Agnew's Hill	D3301	1958	M.P.H. Kertland det. P.F. Yeo
Collin Top	D223174	23 Jul 1986	P. Hackney
Glendun – in short damp turf and stony flushes	D168278	01 Aug 1999	J. Harron

Fallopia x ***bohemica*** (Chrtek & Chrtkova) J. Bailey
= *F. japonica* (Houtt.) Ronse Decraene x *F. sachalinensis* (F. Schmidt ex Maxim) Ronse Decraene
AN Rare Native

Spontaneous hybrid of two neophyte species; only two records from the county, but probably under-recorded. It is reported to be spreading rapidly in Great Britain.

Location	Grid Ref	Date	Recorder
Six Mile Water, Lough Neagh – c. 100 metres south of Waterfoot	J136865	1992	T.C.G. Rich in **BEL**
Vice-chancellor's lakes and adjacent parts of QUB halls of residence grounds	J334716	August 2005	D. Getty, P. Hackney & C.R. Tyrie in **BEL**

Fallopia sachalinensis (F. Schmidt ex Maxim.) Ronse Decraene Giant Knotweed
AN Scarce Neophyte

Escape from cultivation found in demesnes and waste ground, usually near habitations.

Location	Grid Ref	Date	Recorder
Lagan Canal at Lisburn – first record in the British Isles – 'waste ground between old mill-race and Lagan where river and canal are joined'	J2764	Sep 1896	J.H. Davies
Runkerry	C939435	04 Sep 1979	P. Hackney
	C9343	11 Jun 1996	P. Hackney
Glenarm Park	D31	1980-1985	S. Beesley
near Lambeg	J2766	1982	S. Beesley
Hazelwood – quarried area	J327808	1982	D. Getty
	J327808	1984	S. Beesley
Glenariff	D22	22 Sep 1989	S. Beesley
Ballycarry	J49	30 Sep 1989	S. Beesley
100m south of Lough Shore Park, Antrim	J1386	13 Aug 1992	T.C.G. Rich, G.M. Kay & J. Kirschner
Belfast Castle Estate	J3379	04 Sep 1994	S. Beesley & J. Wilde
Roxhill	J0692	2001	W.I. McNeill
below Causeway Centre and car park, Giant's Causeway	C944440	03 Jun 2002	P. Hackney

x ***Festulolium braunii*** (K. Richter) A. Camus
= *Festuca pratensis* Hudson x *Lolium multiflorum* Lam
AN Rare Native

Only a single record from Ballyvoy on the Carey River by J. Harron in 1988.

Location	Grid Ref	Date	Recorder
above Ballyvoy on Carey River – side of rye-grass field	D14Q	1988	J. Harron

Filago minima (Sm.) Pers. Small Cudweed
IRDB Rare Native
RoI FPO
AN Scarce

Occasional in waste and disturbed well-drained open spaces, where it sometimes forms large colonies. Most recent records have been from quarry spoil areas.

Location	Grid Ref	Date	Recorder
Glenariff	D22	1878	T.H. Corry
Lough Neagh shore	unknown	pre-1888	S.A. Stewart
Craigmore Quarry – in abundance	J056913	15 May 1991	S. Beesley & J. Wilde
	J0591	26 Jul 1995	S. Beesley & J. Wilde
	J0590	18 May 1996	S. Beesley & BNFC
	J0591	Mar 1998	W.I. McNeill
	J0591	Jul 2004	W.I. McNeill
Bridge End – gravel pit	D044179	1997	W.I. McNeill & D. McNeill
Freemanstown Quarry, Donegore Hill – frequent north and north-west of pond	J2189	02 Oct 1996	S. Beesley & J. Wilde
	J215895	25 Sep 2003	W.I. McNeill
Lough Neagh shore	H935903	1999	W.I. McNeill
Magheramorne Quarry – bare ground	J4398	29 Jul 2001	P. Hackney

Filago vulgaris Lam. Common Cudweed
IRDB NT Native
AN Rare

In the 19th century this plant was reported from several sites on sand-dunes on the north coast, but it is now known from only one site, where it is not common.

Location	Grid Ref	Date	Recorder
Toome	H99	1878	T.H. Corry
Runkerry (Bushfoot) Dunes	C9342	1887	R.Ll. Praeger
	C9342	1985-1986	S. Beesley
	C9342	05 Jun 1986	S. Beesley & M. Beesley
Toome Bridge, Upper River Bann	H9890	pre-1888	S.A. Stewart
Red Bay, Waterfoot	D2425	pre-1888	S.A. Stewart
Cushendun	D2535	pre-1888	R.Ll. Praeger
Ballycastle	D1140	pre-1888	R.Ll. Praeger
Shane's Castle	J1188	pre-1888	S.A. Stewart

Frangula alnus Miller — Alder Buckthorn
NI WO; Priority; SOCC — Native
IRDB Rare
AN Scarce

Very rare in scrub and thickets near Lough Neagh shores. At the Mainwaterfoot site in 1937, Praeger (Praeger & Megaw 1938) reported that it extended for about half a mile eastwards. The largest bush seen was 15 feet high and 3 feet in circumference at 3 feet above ground. *F. alnus* is gone now from this site – the natural wood having been replaced with a broadleaf plantation.

Location	Grid Ref	Date	Recorder
Portglenone	C9703	pre-1837	D. Moore
Creagh Bog – one tree in 1947	H9892	pre-1837	D. Moore
	H9892	1947	M.P.H. Kertland
Mainwater Foot at Shane's Castle – more than a dozen plants in 1890, extinct now at this site	unknown	pre-1837	D. Moore
	J0986	1890	R.O. Cunningham
	J118880	1890	R.Ll. Praeger
	J118880	1891	S.A. Stewart
	J0986	1937	R.Ll. Praeger
Massereene Park – north end	J1485	1970	J. Harron
	J1486	1971	J. Harron
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron

Fumaria bastardii Boreau — Tall Ramping-fumitory
AN Scarce — Native

Cultivated fields and disturbed sites on open ground. Widespread but not common.

Location	Grid Ref	Date	Recorder
Cushendall	D2227	pre-1864	S.A. Brenan det. H.W. Pugsley
	D2227	09 Sep 1988	S. Beesley & M. Beesley
Whitehead	c. J4791	1866	H. Robinson
Stranmillis – fields	c. J3370	1878	T.H. Corry
Rathlin Island	D14 or D15	1882	S.A. Stewart det H.W. Pugsley
Larne – fields	D40	1886	S.A. Stewart
Malone	c. J3270	1892	S.A. Stewart det. H.W. Pugsley
Drain's Bay (var. *hibernica* Pugsley)	c.D3905	1904	C.J. Lilly
Islandmagee (var. *hibernica* Pugsley)	D40 or J49	1904	C.J. Lilly
Carnlough	D21	Jul 1956	M.P.H. Kertland & J.E. Greer
grounds of Old Forge House, Malone Road	J326704	1967	O.Morton
Carrickfergus	J48	20 May 1986	S. Beesley
	J4288	Aug 1998	W.I. McNeill
Ballycastle	D14	04 Jun 1988	S. Beesley
Royal Victoria Hospital, Belfast	J3273	07 Jun 1995	J. Wilde & J. McCaughey
Rumbling Hole Quarry, Hannahstown	J265725	1999	S.A. Wolfe-Murphy

Fumaria purpurea Pugsley — Purple Ramping-fumitory
NI Priority; SOCC — probably Neophyte (casual only)
AN Rare

Cultivated or disturbed ground and landfill sites.

Location	Grid Ref	Date	Recorder
Glenmore, Lisburn	J26	1859	J.H. Davies
Shaw's Bridge, River Lagan	J325689	1904	N. Carrothers det. H.W. Pugsley
Antrim Town	J1586	1904	W.J.C. Tomlinson
Tantallen Castle, Larne	D4002	1912	G.C. Druce
Portrush	C8540	1951	C.D. Chase
	C8540	25 Aug 1992	S. Beesley & M. Beesley
Duncrue Street Tip, Dargan Road, Belfast – landfill site	J3478	1988	S. Beesley

Galanthus nivalis L. — Snowdrop
Euro EC Habitats Directive Annex Vb; CITES Appendix II (C1) — Neophyte
AN Scarce

All records in the county are of garden origin, and there is no evidence that it has ever been naturally occurring in the county or indeed in the island of Ireland. There are many records from river and stream banks, and from demesnes. This species is listed in the EC Habitats Directive and CITES Appendix II, and this is the reason for inclusion of this species.

Location	Grid Ref	Date	Recorder
Glenoe	J397967	Jun 1985	R. Boyd & A. Farr
Antrim Castle grounds	J1486	15 Apr 1987	S. Beesley
Glentaise, north of Armagh	D096038	Mar 1987	J. Harron
south-west side of Lough Guile – double-flowered form, extensive & naturalised	D063238	16 Mar 1997	P. Hackney & C.R. Tyrie
near Corby Bridge, Clogh River	D113130	Apr 1999	W.I. McNeill
Dunminning	D049108	Mar 1999	W.I. McNeill & D. McNeill
Lough Guile	D02	Mar 1999	W.I. McNeill

Galeopsis bifida Boenn. — Bifid Hemp-nettle
AN Rare — Native

Occasional on waste ground and cultivated fields and gardens. Probably under-recorded owing to confusion with the more common *G. tetrahit*.

Location	Grid Ref	Date	Recorder
Toome	H9990	1898	G.C. Druce
Whitehead Railway Station – railway sidings	J4791	1973	J. Hopton
Antrim Town	J153855	31 Jul 1988	S. Beesley, A. Hill & J.W.D. Semple
Corbally House	J123835	03 Aug 1988	S. Beesley & J. Wilde
Ballycarry	J49	29 Sep 1988	S. Beesley
Newmill – Parkgate	J28	27 Jul 1996	S. Beesley & J. Wilde
Duncan's Park, Lisburn	J26	04 Aug 1996	S. Beesley & J. Wilde

Galeopsis speciosa Miller — Large-flowered Hemp-nettle
UK VU — Native
AN Scarce

Arable land especially on peaty ground, roadside verges and disturbed open sites. More common in the north of the county.

Location	Grid Ref	Date	Recorder
Malone	J3270	pre-1825	J. Templeton
Broughshane	D1506	pre-1825	J. Templeton
Glenarm	D31	pre-1825	J. Templeton
Cushendall	D2327	1836	D. Moore
	D2327	between 1935 & 1937	R.Ll. Praeger
Ardclinis, Garron Plateau	D2723	1888	S.A. Stewart
	D2723	1892	R.Ll. Praeger
Cushendun	D2535	1892	R.Ll. Praeger
Glenariff	D22	1892	R.Ll. Praeger
Breckagh in Skerry Parish	unknown	pre-1895	S.A. Brenan
Toome	H9990	1898	G.C. Druce
	H9990	1952	J.E. Greer
	H9990	1968	J. Harron
	H9990	between 1968 & 1970	J. Harron
Garry Bog ASSI	C9430	1921	S.A. Bennett, C.D. Chase & W.R. Megaw
	C9430	1983	H.D. Megaw
Creagh Bog	H985925	pre-1938	A.W. Stelfox
Portrush	C8540	pre-1938	C.R. Nodder
Ballymare, Lisburn – cornfield	J26	1942	T. Blythe
Doagh	J2689	1959	M.P.H. Kertland
Ballymoney – road verge	C92	1963	W.I. McNeill
Lisconnan Road, north-east of Garry Bog ASSI	C9532	1983	H.D. Megaw
Glebe crossroads, at Rasharkin	C971127	between 1987 & 1999	W.I. McNeill, D. McNeill & A. McNeill
Dervock	C93	22 Jul 1992	S. Beesley & J. Wilde

Galium mollugo L. *sensu lato* — Hedge Bedstraw
AN Rare — probably Neophyte

Very occasional on waste and cultivated ground. There is only one post-1950 record.

Location	Grid Ref	Date	Recorder
Mount Vernon, Low-Wood	J3478	1800-1824	J. Templeton
Glenarm Park, Glenarm Forest	D31	pre-1895	R.Ll. Praeger
Glenmore, Lisburn	J26	1897	S.A. Stewart
Whitewell Quarry	J3281	1897	S.A. Stewart
Cullybackey	D0505	1897	M.C. Knowles
Antrim Town – manse lawn	J1586	1898	J. Adams
near Gawleys Gate, Montiaghs	J088672	1915	S.A. Bennett

Location	Grid Ref	Date	Recorder
Garron Tower (St. MacNissi's Grammar School) – lawn	D299237	1918	W.R. Megaw
	D299237	1924	S.A. Bennett
Stoney Path, Greenisland	J377847	1939	N.F. McMillan
	J377847	1945	J.McK. Moon & E.N. Carrothers
	J377847	1946	J.McK. Moon & E.N. Carrothers
Belfast Castle Estate – near castle	J3279	1948	J.McK. Moon
Magheramorne Village – demolished filling station	J4398	1987	E. Meharg

Galium sterneri Ehrend. Limestone Bedstraw
AN Scarce Native

On dry stony places on non-acidic soils. These conditions occur on the basalt escarpment where it is locally abundant.

Location	Grid Ref	Date	Recorder
Benmore or Fair Head	D1743	1836	D. Moore
Lurigethan – base of scarp	D2225	1836	D. Moore
	D2225	1918	W.R. Megaw
	D2225	1947	J. Heslop-Harrison det. K.M. Goodway
	D2225	05 Jul 2003	W.I. McNeill & J. Harron
Garron Point	D2922	1910	R.Ll. Praeger & A.W. Stelfox
	D295243	1985	P. Hackney
Ardclinis, Garron Plateau	D2724	1918	W.R. Megaw det. K.M. Goodway
gully of Crearlagh Burn (stream from Lough Galboly), Garron Plateau	D282248	1920	R.Ll. Praeger & A.W. Stelfox
	D282248	1985	P. Hackney
Cushendun	D23	1920	S.A. Bennett, W.R. Megaw & C.D. Chase
south-east of Callisnagh Bridge, Garron Plateau	D2219	1921	R.Ll. Praeger
Knock Dhu	D3406	17 Aug 1999	P. Hackney, R.S. Weyl & D.T. Holyoak

Galium tricornutum Dandy Corn Cleavers
UK CR Neophyte
AN Rare (probably EX)

Recorded from a garden in Belfast over a few years; the site was subsequently destroyed.

Location	Grid Ref	Date	Recorder
garden at Notting Hill, Belfast	J330713	1964-1968	R. Piper

Gaultheria mucronata (L. f.) Hook & Arn. Prickly Heath
AN Scarce Neophyte

This garden plant has spread, especially to higher ground. The spread is presumed to be the result of birds eating the berries.

Location	Grid Ref	Date	Recorder
Ballygalley Head	D3807	1970	J. Harron
Dunmore Stadium, Belfast	J3376	Jun 1989	S. Beesley & J. Wilde
Big Collin	J232967	Jun 1989	R. Davidson
Balmoral, Belfast	J3170	05 May 1994	M.D.B. Allen
Turf Lodge, Belfast	J3073	31 Aug 1994	S. Beesley & J. Wilde
Upper Falls Road, Belfast	J3173	03 May 1995	J. Wilde
Ladyhill Quarry	J1791	17 Sep 1996	S. Beesley & J. Wilde
Collin Mountain – by path down north side of mountain	J260705	13 Dec 1997	R. Anderson

Gentianella campestris (L.) Boerner — Field Gentian
UK VU — Native
AN Scarce

On sand dunes and upland heath and grassland.

Location	Grid Ref	Date	Recorder
Wolf Hill, Ligoniel	J2877	1847	Dr Mateer
Skerry Rock, Broughshane	D190089	1871	BNFC
Broughshane	D1506	1871	S.A. Stewart
Knock Dhu	D3406	1878	T.H. Corry
	D3406	17 Aug 1999	P. Hackney, R.S. Weyl & D.T. Holyoak
Rathlin Island	D05	1882	S.A. Stewart
	D0951	post-1970	Unknown
Ballycastle – dunes	D14	pre-1888	S.A. Stewart
Kinbane (White) Head	D0843	pre-1908	S.A. Brenan
Cushendun	D2535	pre-1908	S.A. Brenan
Portrush Golf Course	C8740	1910	S. Wear
	C8740	1971-1987	D.S. Lambert
	C84	1987	BSBI Monitoring Scheme
	C84	25 Aug 1992	S. Beesley & M. Beesley
Garron Tower (St. MacNissi's Grammar School)	D299237	1912	G.C. Druce
Runkerry (Bushfoot) Dunes	C9342	1913	C.H. Waddell
	C9342	1987	P. Hackney
	C936426	Aug 1995	W.I. McNeill & D. McNeill
Cave Hill	J3279	pre-1935	Unknown
Glendun	D12	1979	J. Pitt
Glenariff	D22	1979	J. Pitt
Glenarm Park, Glenarm Forest	D31	1979	Mid-Antrim Field Club
	D31	1985	Various
Ramore Head, Portrush	C8541	pre-1986	EHS
Giant's Causeway	C94	05 Jun 1986	S. Beesley & M. Beesley
White Park Bay ASSI	D0244	Aug 1988	Habitat Survey Team, EHS
Brockley, Ballygill Middle	D118519	09 Aug 1988	Habitat Survey Team, EHS
Bush River	C93	24 Jul 1997	A. Waterman

Geranium columbinum L. Long-stalked Crane's-bill
AN Rare Native

Very rare in the county, but apparently less so in the adjacent Co. Down. There are three records from the 19th century, but only one uncertain modern record.

Location	Grid Ref	Date	Recorder
Old Lodge Road, Belfast	J334748	1824	G.C. Hyndman
quarries at Belfast Hills	J37	pre-1864	W. Thompson
Suffolk area of Belfast	J2870	c. 1878	T.H. Corry
White Park Bay ASSI *This record requires confirmation*	D030446	10 Jul 1991	E. Porter & I. Crawford

Geranium pratense L. Meadow Crane's-bill
NI Priority; SOCC Native but garden escape at some sites
AN Scarce

This geranium is known locally as the 'flower of Dunluce'. As a native species, it is considered to be confined in Ireland to a stretch of the north coast of Co. Antrim between Ballycastle and Dunluce Castle, where it occurs in grassy places, including sand dunes, close to the sea. The table below only lists records of these native sites.

It is also a popular garden plant, and occurs as a garden escape throughout other parts of Northern Ireland. These garden plants may not be of Irish origin. The records of the species as a garden escape can be found in Appendix I.

Location	Grid Ref	Date	Recorder
Portballintrae	C9242	1821-1860	G.C. Hyndman
Dunluce Castle	C904415	pre-1825	J. Templeton
	C904415	1978	P. Hackney & C. Tyrie
about Ballintoy	D0444	pre-1825	J. Templeton
	D0444	1871	S.A. Stewart
	D0444	1956	Unknown
	D0444	1958	P. Jagoe
	D040445	1978	C. Tyrie
	D04	1995	I. McNeill & J. Harron
Carrickarade Island	D0645	pre-1883	R. Tate
Portbraddan (Portbradden), Templastragh	D008443	pre-1883	R. Tate
	D0044	21 May 1988	S. Beesley & M. Beesley

Location	Grid Ref	Date	Recorder
White Park Bay – scattered clumps in fairly rank grassland on blown sand (1992)	D0143	1896	R.Ll. Praeger
	D0143	1921	S.A. Bennett & C.D. Chase
	D0244	Aug 1953	P. Jagoe
	D0143	1979	P. Hackney
	D0244	04 Jun 1985	Habitat Survey Team, EHS
	D04	24 Sep 1986	S. Beesley & M. Beesley
	D0244	17 Aug 1988	Habitat Survey Team, EHS
	D04	10 Jun 1990	S. Beesley
	D029448 & D027442	1992	Unknown
	D023440	09 Jun 1992	M. Flatt
	D0244	21 Jun 1999	P. Hackney
Ballycastle Harbour – near a garden (1917)	D121415	1913	C.H. Waddell
	D121415	1917	R.Ll. Praeger
Ballycastle	D1241	1962	J.S. Pate
	D14	1987	BSBI Monitoring Scheme
Ballintoy Harbour	D0345	1978	P. Hackney & C. Tyrie
Port Moon, Benbane Head	C980450	1983	H.D. Megaw
Dunseverick Castle	C9844	01 Jun 1985	S.M. Walters
Feigh, Dunseverick	C987445	Jun 1985	A. Farr & R. Boyd

Geranium sylvaticum L. Wood Crane's-bill
NI WO; Priority; SOCC Native
IRDB VU
AN Rare

This plant is confined to a small area, and is considerably less common than *G. pratense*. The native ranges of the two species do not overlap. It is found in scrubby and grassy areas in a narrow strip from Glenarm to near Larne. It was first recorded in 1800 from Glenarm Park (J. Templeton). The Feystown site is the largest in the county, and perhaps the most viable in terms of the population size. It is probably a recent colonist there.

Location	Grid Ref	Date	Recorder
Upper Glen, Glenarm Park – above great waterfall	D2910	1878	T.H. Corry
Glenarm Park – north section (1986)	D31	1887	R.Ll. Praeger
	D3014	1971	BNFC & P. Hackney
	D304128	20 May 1986	S.A. Wolfe-Murphy, & A. McMullan
	D31	1993	I. Rippey
	D3014	30 Apr 1996	A. Waterman
glen at Ballygilbert, south-east of Glenarm	D3310	1894	S.A. Stewart
bank between Knockdhu and Scawt Hill	D3408	12 Jul 1898	R. Hanna

Location	Grid Ref	Date	Recorder
Little Deerpark, Glenarm – scrub below the basalt cliff	D329144	1914	S.A. Bennett
	D329144	1914	S. Wear
	D329144	1972	P. Hackney
	D329144	1975	P. Hackney & C.R. Tyrie
Linford Water	D3009	1937	R.Ll. Praeger
	D310086	03 May 1996	A. Waterman
Owencloghy River (Water)	D2909	1937	R.Ll. Praeger
Killyglen, west of Larne – described as 'small glen above Milltown at Carncastle' by Praeger	D3503	pre-1938	R.Ll. Praeger
	D3503	1971	D.S. Lambert
UWT nature reserve at Feystown – meadow (1971); along roadside and in scrubby field between road and a plantation of conifers on sea side of road (1991)	D316099	12 Jun 1971	R. Anderson
	D314105	1991	A.V. Gore, S. Beesley & J. Wilde
	D3110	1993	I. Rippey
	D315105	1993	Ulster Wildlife Trust
	D3110	May 1994	W.I. McNeill
	D315105	2003	P. Hackney
Feystown Burn, close to its junction with the Linford	D307092	1977	J. Harron
Clady Burn at more than 230m – one plant	D320093	2000	J. Harron

Glyceria* x *pedicillata F. Towns = *G. fluitans* (L.) R.Br. x *G. notata* Chevall.
AN apparently Scarce, perhaps DD Native

Recorded from the same habitats as parents. It may be under-recorded owing to similarity with parents.

Location	Grid Ref	Date	Recorder
Second Lock, Lagan Canal, Stranmillis	J3370	26 Jun 1973	P. Hackney & C.R. Tyrie conf. C.E. Hubbard
Portrush	C84	1987	BSBI
White Rocks, east of Portrush	C895408	26 Jul 1988	D.H. Riley
Lagmore Reservoir and adjacent valley, off Barnfield Road, Lagmore	J266692	1999	S.A. Wolfe-Murphy
	J275683	27 Aug 1999	S.A. Wolfe-Murphy

Gnaphalium sylvaticum L. Heath Cudweed
UK EN Native
NI Priority**;** SOCC
AN Scarce

Found in dry open heathy woods, heaths, dry pastures, disused quarries and short turf.

Location	Grid Ref	Date	Recorder
Carrickfergus commons	J380920	pre-1863	S.A. Stewart
Shane's Castle	J1188	1866	BNFC
Stranmillis, Belfast	J3470	1871	H. Robinson
Torr Head	D2241	1878	T.H. Corry
Portglenone	C9703	pre-1885	S.A. Stewart
Runkerry (Bushfoot) Dunes	C9342	1887	R.Ll. Praeger
Glenshesk	D13	pre-1888	S.A. Stewart
Ballintoy Demesne, east of White Park Bay	D0345	pre-1888	R. Tate

Location	Grid Ref	Date	Recorder
Knocklayd	D1136	pre-1888	S.A. Stewart
Cushendun	D2535	1894	S. Wear
	D2535	1971	S. Roberts
Scawt Hill	D335077	pre-1895	R.Ll. Praeger
Ballymena	D10	pre-1895	M.C. Knowles
Portrush	C8540	pre-1895	R.Ll. Praeger
Culraney	D23	pre-1895	M.C. Knowles
Glenariff	D22	pre-1895	W.A. Shoolbred
Cloghwater Bridge, Clogh River	D11	1909	W.J.C. Tomlinson
Rathlin Island	D05	1923	S.A. Bennett, C.D. Chase & W.R. Megaw
White Park Bay ASSI	D0244	Aug 1953	P. Jagoe
Bellbrook House, Lough Neagh – shoreline	J122737	1971	J. Hopton
Dunloy Village	D0119	1985	S. Beesley
un-named (Mullaboy) Quarry, south of Dunloy	D0117	28 May 1986	S. Beesley & J.Wilde

Groenlandia densa (L.) Fourr. Opposite-leaved Pondweed
UK VU Native
NI WO
IRDB VU
AN Rare

One site only, Loughnatrosk on Garron Plateau, where it was first recorded as recently as 1971. Recorded frequently since. It is not rare in the lake, which is in a hollow in the basalt rock and is very alkaline (Hackney 1992).

Location	Grid Ref	Date	Recorder
Loughnatrosk, Garron Plateau – c. 275m	D273200	1971	J. Kirk det J.E. Dandy
	D273200	13-17 Jun 1977	Habitat Survey Team, EHS
	D272199	04 Jul 1988	N.I. Lake Survey
	D2719	12 Aug 1989	D. Ledsham
	D273198 & D272200	Aug 1990	W.I. McNeill & J. Harron
	D272199	1990	S. Beesley
	D2720	30 July 2005	BSBI

Gymnocarpium dryopteris (L.) Newman Oak Fern
AN Rare Native

A very rare fern in Ireland. Records in Co. Antrim are from rocky outcrops in upland areas. D. Moore reported the plant from Knocklayd Mountain, but the location is not clear, and the site has never been refound. A.W. Stelfox found a single plant growing in rocks on the left bank of the Pollan Burn on Garron Plateau in 1949, where it was found again by J. Hopton and D. Ledsham in 1975. It was still there in 1979 (S. Beesley), but in 1981 the site was submerged by flood water in the Pollan Burn, and the fern has not been seen here since. It must be considered extinct at this site. The fern was reported from a rocky outcrop on Long Mountain near Lough Naroon in 1986.

Location	Grid Ref	Date	Recorder
Knocklayd Mountain (summit) – single plant on north side of Knocklayd Mountain. The altitude quoted in Cyb.Hib (1800 ft) is erroneous as Knocklayd is only 1695 ft high. The plant has never been refound there, though searched for by S.A. Stewart in 1882 and R.Ll. Praeger in 1892 and 1894. The voucher specimen (**DBN**) is correctly determined (*Hackney 1992*)	D115364	1836	D. Moore
Pollan Burn, Garron Plateau – still in one station on the Pollan Burn (1974), presumably Stelfox's 1949 station. The station is on the left bank 150m above the point where the turf path crosses the burn, and 15m downstream from a large tree overhanging the burn from the same bank. The plants face south about 30 cm above water-level under overhanging *Erica cinerea* (Stelfox's old broom tree has gone). There were 2 plants 20 cm apart: one had one frond, and the other had five fronds (typed note by John Hopton dated 30.10.1974)	D2518	1949	A.W. Stelfox
	D2518	1974	J. Hopton & D. Ledsham
	D2518	1975	BNFC
	D2518	1979	S. Beesley
Long Mountain near Lough Naroon on rocky outcrop with stunted oaks *This record requires confirmation*	D004175	1986	Habitat Survey Team, EHS

Hammarbya paludosa (L.) Kuntze — Bog Orchid
NI WO; Priority; SOCC — Native
IRDB Rare
RoI FPO
AN Scarce

A small orchid of boggy upland areas. Because of its small size and insignificant appearance, it is possibly under-recorded. There are pre-1900 records from Lough Naroon, Rathlin Island, Slievenanee and Fair Head, but it has not been recorded from these sites since, and ~~it~~ is probably extinct in some or all of these localities. The reason for the decrease is not known, but may be a change of habitat due to drainage. Post-1950 records are from the Garron Plateau area.

Location	Grid Ref	Date	Recorder
Slievenanee – west side	D1521	1809	J. Templeton
Rathlin Island	D15	1850-1885	C. Gage
Benmore or Fair Head – between Lough-na-Cranagh and the cliffs	D1743	1865	H. Robinson & S.A. Stewart
Rasharkin	C9613	1878	S.A. Stewart
Lough Naroon – a little west	D000170	pre-1888	S.A. Stewart
Inver River, Garron Plateau	D22	1947	J.McK. Moon
	D22	1951	J.McK. Moon & E.N. Carrothers

Location	Grid Ref	Date	Recorder
Garron Plateau – 2-10 plants (1999)	D255207	1984	D. Ledsham
	D22	12 Aug 1989	D. Ledsham
	D245201	09 Aug 1999	R. Anderson, D.T. Holyoak, G.A. Holyoak & R.S. Weyl
	D231196	09 Aug 1999	R. Anderson, D.T. Holyoak, G.A. Holyoak & R.S. Weyl
	D233195	09 Aug 1999	R. Anderson, D.T. Holyoak, G.A. Holyoak & R.S. Weyl
Craignamaddy Hill	D181179	21 Aug 1987	J. Harron
Pollan Burn – 61 plants on sphagnum	D253188	09 Aug 1992	M. Tickner (*in litt*. to P. Hackney)
streamside, Garron Plateau – 2 plants	D250198	09 Aug 1992	M. Tickner (*in litt*. to P. Hackney)

Hieracium ampliatum (W.R. Linton) A. Ley
AN apparently EX but probably DD Native

Related to the commoner *H. anglicum*. Rock outcrops.

Location	Grid Ref	Date	Recorder
Sallagh Braes	D3406	1878 & 1897	S.A. Stewart in **BEL**, det P.D. Sell & C. West
Agnew's Hill	D3301	1887	S.A. Stewart in **BEL** det C.E.A.Andrews
Glendun	D23	1935	R.Ll. Praeger in **DBN** det P.D. Sell & C. West
Torr Head	D2340	1935	R.Ll. Praeger in **DBN** det P.D. Sell & C. West

Hieracium basalticola Pugsley
AN Rare Native

The type locality for this species is from Sallagh Braes, 1890. There are many records and vouchers from the county up to the 1940s but only one after 1942. On the basis of these old records, Hackney (1992) described the species as common along the rock outcrops of the basalt scarp, but as there are only two acceptable post-1950 records, it is listed as rare here. It is unclear if its apparent decline is real, or an artefact of under-recording. Old reports of *H. britannicum* F.J. Hanb. by R.Ll. Praeger (in Pugsley 1948) belong here (Hackney *unpublished*); two more recent records unsubstantiated by vouchers may also belong here.

Location	Grid Ref	Date	Recorder
Sallagh Braes	D3406	1871	S.A. Stewart in **BEL** det C.E.A. Andrews 1968/9
	D3406	1878	S.A. Stewart in **BEL** det P.D. Sell & C. West 1956
	D3406	1890	S.A. Stewart in **BM (TYPE)** *originally det. as H. stenolepis*

Location	Grid Ref	Date	Recorder
Whitewell	J3281	1871	H. Robinson in BEL det C.E.A. Andrews 1968/9
riverside, Glendun	D23	pre-1878	T.H. Corry in BEL det C.E.A. Andrews 1968/9
Cave Hill – between the caves and Bellevue (1956); near the caves (1983)	J3279	1886	S.A. Stewart in BEL det P.D. Sell & C. West 1956
	J3279	1890	S.A. Stewart in DBN det. Pugsley; in BEL det C.E.A. Andrews 1972
	J3279	1893	S.A. Stewart in DBN det. Pugsley
	J3279	1896	S.A. Stewart in BEL det P.D. Sell & C. West 1956
	J3279	1956	C. West in INJ 13: 120
	J3279	1983	P. Hackney in BEL
Knockagh	J3686	1890	S.A. Stewart in BEL & DBN det P.D. Sell & C. West 1956/8
	J3686	1895	S.A. Stewart in BEL det C.E.A. Andrews 1968/9
Kinbane basalt cliffs	D0843	1891	R.Ll. Praeger in DBN det P.D. Sell & C. West 1958
Agnew's Hill	D3301	1897	S.A. Stewart in BEL det C.E.A. Andrews 1968/9
chalk rocks, Garron Point	D3024	1937	R.Ll. Praeger in DBN det P.D. Sell & C. West 1958
Garron Plateau – recorded as H. britannicum but perhaps this sp. This record requires confirmation	D273240	13-17 Jun 1977	Habitat Survey Team, EHS
Scawt Hill– recorded as H. britannicum but perhaps this sp. This record requires confirmation	D335077	1978	Unknown

Hieracium caledonicum F.J. Hanb.
AN Rare Native

Repeatedly recorded at one site (Sallagh Braes/Knockdhu).

Location	Grid Ref	Date	Recorder
Sallagh Braes	D3406	1878	S.A. Stewart in **BEL**
	D3406	1942	R.Ll. Praeger
Glenarm	D31	1955	N.D. Simpson in **BM**
Knockdhu – basalt scarps	D3406	21 Jul 1991	P. Hackney & A.Mcg. Stirling det. J. Bevan & E.G. Philp

Hieracium cinderella Ley
AN Rare Neophyte

Established at one site only.

Location	Grid Ref	Date	Recorder
grassy slopes under beech trees at Galgorm Manor Hotel	D0604	2005	P. Hackney

Hieracium duriceps F. Hanb.
AN Scarce, but probably DD Native

On basaltic rock outcrops and walls by streams in rocky glens.

Location	Grid Ref	Date	Recorder
Newtown Crommelin	c. D1417	pre-1864	S.A. Brenan
Sallagh Braes	D3405	1878	T.H. Corry in **BEL**
	D3405	1991	P. Hackney, J. Bevan & A. McG. Stirling
Glenariff	D22	1889	S.A. Stewart in **BEL**
	1910	1910	S.A. Bennett in **BEL** det J. Bevan & A. McG. Stirling
hills above Carnlough	D22	1890	R.Ll. Praeger
Whitewell	J3281	1931	G.C. Druce
Greenanmore, West Torr, at 276m	D214408	1935	R.Ll. Praeger
Killyglen basalt glen	D3503	1983	P. Hackney in **BEL**
	D3503	1991	P. Hackney, J. Bevan & A. McG. Stirling
by Inver River, Garron Plateau	D22	1991	P. Hackney, J. Bevan & A. McG. Stirling
below Dungonnell Dam	D1917	1991	P. Hackney, J. Bevan & A. McG. Stirling
Glenarm Glen	D31	24 Jul 1991	P. Hackney, J. Bevan & A. McG. Stirling

Hieracium flocculosum Backhouse
AN Rare Native

Similar in general appearance and habitat to the common *H. anglicum* Fr. but with stellate hairs on both surfaces of the leaves. Rock outcrops. All these records from Co. Antrim require confirmation.

Location	Grid Ref	Date	Recorder
Sallagh Braes	D3406	pre-1910	S.A. Stewart det. H. W. Pugsley, but this record was disallowed by P.D. Sell & C. West
Cave Hill	J3279	c. 1985	P. Hackney
Murlough Bay	D1942	c. 1990	P. Hackney
coastal scarp near Glenarm	D3412	c. 1990	P. Hackney

Hieracium grandidens Dahlst.
AN Rare Neophyte

Chalk spoil heaps in old quarries and on stone walls.

Location	Grid Ref	Date	Recorder
coast road near Larne – almost certainly the same site as next	J4398	1926	C.D. Chase in **BEL**
Magheramorne Quarry, Ballylig – on partly grassed-over tips of rock waste on main quarry side of main road from Whitehead to Larne	J438986	1980-2005	P. Hackney
chalk quarry at Glenarm	D3115	1991	P. Hackney, J. Bevan & A. McG. Stirling

Hieracium hebridense Pugsley
AN Rare Native

Related to the common *H. anglicum* Fr. Rock outcrops; recorded from only three sites.

Location	Grid Ref	Date	Recorder
Sallagh Braes	D3406	1877-1898	S.A. Stewart in **BEL** det P.D. Sell & C. West
	D3406	1971	P. Hackney in **BEL** conf. J. Bevan & E.G. Philp
Agnew's Hill	D3301	1898	S.A. Stewart in **BEL** det P.D. Sell & C. West
Murlough Bay	D1942	1935	R.Ll. Praeger in **DBN** det P.D. Sell & C. West

Hieracium iricum Fries
AN Scarce Native

Found mainly on chalk outcrops. Close to *H. anglicum* Fr. – which is common in the county, and not always easily differentiated – but *H. iricum* appears to be more strictly calciphilous and much less frequent.

Location	Grid Ref	Date	Recorder
basalt and limestone near Garron Point	c. D3024	c. 1832-7	D. Moore in **DBN**
basalt at south-east of Rathlin Island	D15	1882	S.A. Stewart in **BEL** det P.D. Sell & C. West 1956
Cave Hill – 'a few plants only, on cliffs south of the caves' (Stewart & Corry 1888)	J3279	1882	S.A. Stewart in **BEL** det P.D. Sell & C. West 1956
	J3279	1893	S.A. Stewart in **BEL** det P.D. Sell & C. West 1956
Glenariff – plentiful on cliffs and by river in upper part (1893)	D22	1893	W.A. Shoolbred
	D22	1896	S.A. Stewart in **BEL** det P.D. Sell & C. West
Ballintoy	D0444	1893	S.A. Brenan
Garron Point	D3024	1894	W.A. Shoolbred in Pugsley 1948
Garron Tower	D3024	1900	Mrs Leebody
north-east face of Slemish	D2205	pre-1923	F.J. Hanbury
beside Lough Neagh at Shane's Castle	c. J116879	1956	J.McK. Moon in **BEL** det P.D. Sell & C. West 1956
Agnew's Hill	D3301	1983	P. Hackney in BEL det J. Bevan & A.McG. Stirling
on chalk at Garron Point on inland road north of Garron Tower	D3024	c.1990-2004	P. Hackney

Location	Grid Ref	Date	Recorder
by Inver River below new dam	c. D216191	1991	J. Bevan, A.McG. Stirling & P. Hackney
Parishagh Wood – on chalk outcrop at north boundary fence	D303163	26 Aug 1997	P. Hackney

Hieracium lasiophyllum Koch
AN EX Native

Related to the common *H. anglicum* Fr. Rock outcrops; recorded from only three sites. Sell & West in Perring & Walters (1962) show only one record for Co. Antrim which is Atlas square 15/47, approximating to D22, presumably Moore's and Corry's records which are listed in Praeger & Megaw (1938).

Location	Grid Ref	Date	Recorder
Glenariff	D22	pre-1838	D. Moore
	D22	pre-1878	T. H. Corry

Hieracium latobrigorum (Zahn) Roffey
AN Scarce Native

By streams in rocky glens in hill districts; locally frequent. A handsome plant, especially when growing in large groups.

Location	Grid Ref	Date	Recorder
Cushendun *Pugsley 1948* – on wall (1956)	D259351	Unknown	W.A. Shoolbred det. H.W. Pugsley
	D259351	1956	D. McClintock
River Bush at Bushmills – banks, originally recorded as *H. corymbosum*	C9440	05 Aug 1871	S.A. Stewart det. C.E.A. Andrews
Glenariff Glen – rocks, originally recorded as *H. crocatum*	D2120	01 Aug 1878	T.H. Corry det. P. Hackney
Bushmills Town – originally recorded as *H. corymbosum*	C9440	Jul 1887	R.Ll. Praeger det. P.D. Sell & C. West
Cranfield, Lough Neagh – originally recorded as *H. auratum*	J0585	27 Jul 1890	S.A. Stewart det. P.D. Sell & C. West
Linford River below McCartney's Bridge – it grows in some abundance locally on basaltic rocks beside the stream	D3008	1937	R.Ll. Praeger det. P.D. Sell & C. West
	D3008	1984	P. Hackney
	D3008	24 Jul 1991	P. Hackney, A.Mcg. Stirling, J. Bevan & E.G. Philp
	D315063	05 Aug 1991	P. Hackney, det. J. Bevan & E.G. Philp
Crockan Bridge, Bush River	D097262	1991	S. Beesley det. P. Hackney
Deer Park Farms, Upper Glenarm Glen	D290092	05 Aug 1991	P. Hackney det. J. Bevan & E.G. Philp
	D293093	05 Aug 1991	P. Hackney, J. Bevan & E.G. Philp

Hieracium orcadense W.R. Linton
(*H. euprepes* F.J. Hanbury)
AN Scarce Native

Basalt and limestone rocks. Only records confirmed by recognised hawkweed authorties are listed.

Location	Grid Ref	Date	Recorder
Cave Hill – basalt	J3279	1879-1895	S.A. Stewart
Rathlin Island– limestone	D15	1882	S.A. Stewart
basalt cliff, Kinbane	D0843	1891	R.Ll. Praeger
boulder clay bank, roadside, near Milltown, Red Bay	D2425	1893	W.A. Shoolbred
Whitewell Quarry	J3281	1894-1901	S.A. Stewart
Knockagh	J3686	1895	S.A. Stewart
Knock Dhu	D3406	1897	S.A. Stewart
	D3406	1991	A. McG. Stirling, J. Bevan & P. Hackney
Whitepark Bay – beside stream descending chalk cliff (1984)	D4402	1921	S.A. Bennett & C.D. Chase
	D443028	03 Aug 1984	P. Hackney
between caves and Bellevue	J3279	1956	C. West
chalk cliffs at 100 metres, west of Torr Head	D214408	1991	P. Hackney
	D214407	10 Aug 1996	P. Hackney, J.W.D. Semple & BSBI
crags by Balsallagh water below Dungonnell Dam	D190173	25 Jul 1991	J. Bevan, A.McG. Stirling & P. Hackney

Hieracium perpropinquum (Zahn) Druce
AN EX Native

A member of the Section *Sabauda*. The only record is an undated specimen from Cave Hill in **BEL** which was determined by P.D. Sell & C. West in 1956. In addition, there is also a **BEL** voucher labelled '*Hieracium sabaudum*' which was collected by C.H. Waddell from Glenarm Park in 1895, but which has not been checked by an authority.

Location	Grid Ref	Date	Recorder
Cave Hill	J3279	pre-1910	S.A. Stewart

Hieracium strictiforme (Zahn) Roffey
AN Rare Native

Rare, handsome foliose hawkweed of river banks and rock outcrops.

Location	Grid Ref	Date	Recorder
Cave Hill	J3279	unknown	S.A. Stewart det. H.W. Pugsley
	J3279	1879-1896	S.A. Stewart det. P.D. Sell, C. West & C.E.A. Andrews
	J3279	20 Jul 1921	S.A. Bennett & C.D. Chase det. P. Hackney
Glendun	D164275	unknown	W.A. Shoolbred

Location	Grid Ref	Date	Recorder
Whitewell, Belfast – originally as H. crocatum	J38	09 Aug 1871	H. Robinson det. C.E.A. Andrews
Glen Ballyeamon	D22	pre-1878	T.H. Corry
Glenariff Forest Park – originally as H. strictum (1895)	D2019	24 Aug 1895	S.A. Stewart det. P.D. Sell & C. West
	D2019	03 Aug 1896	S.A. Stewart det. P.D. Sell & C. West
peat bog near Cookstown Junction (this is Sharvogue's Bog) – originally as H. crocatum	J1095	01 Sep 1900	S.A. Stewart det. P.D. Sell & C. West
Cushendun	D259351	30 Jul 1920	S.A. Bennett, C.D.Chase det. P. Hackney
Glenarm River	D3010	24 Jul 1991	P. Hackney, A.McG. Stirling & J. Bevan
waterfall below the new dam on the Inver River, Garron Plateau	D217191	25 Jul 1991	P. Hackney, J. Bevan & A.McG. Stirling det. J. Bevan & E.G. Philp
Deer Park Farms, Upper Glenarm Glen	D293093	05 Aug 1991	P. Hackney det. J. Bevan

Hieracium subcrocatum (E.F. Linton) Roffey
AN Rare Native

A tall foliose hawkweed similar in general appearance and habitats to *H. latobrigorum* and *H. strictiforme*. Apart from the Cyril West 1956 record, all records are based on **BEL** vouchers.

Location	Grid Ref	Date	Recorder
Ballyeamon River bank – originally as *H. crocatum*	D22	01 Aug 1878	T.H. Corry det. P. Hackney (but see also under *H. strictiforme*)
rocks by stream at Bushmills – originally as *H. corymbosum*	C9440	1878 & 1897	S.A. Stewart det. P.D. Sell & C. West
Bush River – rocks, originally as *H. corymbosum*	C93	12 Aug 1897	S.A. Stewart det. P.D. Sell & C. West
ravine, in great abundance, Cave Hill – probably this sp. but labelled *H. crocatum*	J3279	pre-1918	S.A. Bennett & C. H. Waddell
Glenarm Glen – cited in *Pugsley 1948* as *H. bartonii*	D31	1948	C.H. Waddell & H.W. Lett det. H.W. Pugsley
between caves at Cave Hill and at Bellevue	J3179	1956	C. West
Shane's Castle – wall beside Lough Neagh	J1187	Aug 1956	J.McK. Moon det. P.D. Sell & C. West
glen of the Linford Water, Upper Glenarm	D3008	1969	D.S. Lambert det. P. Hackney
	D3008	1984	P. Hackney

Hierochloë odorata (L.) P. Beauv. Holy-grass
NI WO; Priority; SOCC Native
IRDB Rare
AN Rare, perhaps EX

One site only – the only site in Ireland. It was first found in 1946 in sandy soil on the shore of Lough Neagh (Selshan Harbour) growing with other grasses. A photograph of the two discoverers of the plant, R.D.Meikle & E.N. Carrothers, at the site, is included in Hackney (1992: 371). It clearly shows the plant growing in tussocks at the edge of the lough, as does another photograph in Carrothers & Meikle (1946). The lough has since been lowered artificially and the site now lies in a field some distance from the lake edge. It is flooded in winter when the water level in the Lough rises. J. Harron (1986) commented that 'the plants cover a total area of 20 square yards in two patches, one on each side of the Selshan Drain'. The species has been recorded several times at this site, and was still there in 1992, but could not be found during extensive searches by M. Wright, P. Hackney and A. Waterman in 2005 at either of the two patches referred to in Harron (1986). The vegetation of the main patch seems degraded compared with its condition in 1985. It is feared that it may now be extinct.

Location	Grid Ref	Date	Recorder
Selshan Harbour, Lough Neagh – the main site is to east and south of Selshan Drain	J085682	23 Apr 1946	R.D. Meikle & E.N. Carrothers (**BEL**)
	J085682	13 Jun 1946	R.D. Meikle & E.N. Carrothers (**BEL**)
	J085682	27 Apr 1946	J.McK. Moon (**BEL**)
	J085682	Jun 1952	J.E. Greer (**BEL**)
	J085652	Jul 1953	M.P.H. Kertland (**BEL**)
	J085682	1960	J.E. Greer (**BEL**)
	J085682	Jul 1966	M.P.H. Kertland (**BEL**)
	J085682	01 Aug 1970	J. Harron
	J085682	18 Apr 1971	J. Harron (**BEL**)
	J085682	24 Apr 1985	P. Hackney (**BEL**)
	J085682	1992	S. Beesley & J. Wilde
edge of a field on west and north of Drain	J085682	Apr 1985	P. Hackney

Hordelymus europaeus (L.) Jesson Wood Barley
NI WO Native
IRDB IN
AN EX

This grass was first recorded in 1898 by J. Adams on basaltic rock overhanging the ravine of the Cranny Falls, and found again by A.W. Stelfox in 1949. This was the only Irish station. It has not been seen since then, although the place has been searched several times, so is now deemed extinct. However, the site is physically difficult to access, and the grass is not overly distinctive, so the site needs to be thoroughly searched again. The late M.P.H. Kertland, who was shown the site by A.W. Stelfox, pointed out the spot to P. Hackney on a visit to the waterfall in c. 1972, but without either of them actually climbing up to the site. Apparently the plant grew high up on the steep rocky bank immediately to the left of the waterfall as one faces it upstream (i.e. the right bank of the river). Probably it can only be approached safely from above the falls.

Location	Grid Ref	Date	Recorder
Cranny Falls, Carnlough – on basaltic rocks	D268185	1898	J. Adams (**BEL**)
	D268185	1949	A.W. Stelfox (**BEL**)

Hottonia palustris L. Water-violet
IRDB Rare Neophyte
NI WO; Priority**;** SOCC
AN EX

Although this species is regarded as native, or a very old introduction, in Co. Down, and is well-established there in natural vegetation, its former Co. Antrim site was a known deliberate introduction.

Location	Grid Ref	Date	Recorder
Bog Meadows, Belfast, where it was deliberateley introduced by John Templeton. Long gone	J319718	pre-1825	J. Templeton
	J319718	1871	S.A. Stewart
	J319718	1900	N. Carrothers
	J319718	1904	N. Carrothers
	J319718	1920	N. Carrothers

Humulus lupulus L. Hop
AN Scarce probably Neophyte

Occasional escape from cultivation. In some sites it is very long established e.g. at Drum Bridge (River Lagan) where it was recorded in 1945 (E.N. Carrothers), and was still there in 1991 (S. Beesley).

Location	Grid Ref	Date	Recorder
Rock Ryan, Portrush – well established	C8540	pre-1923	S. Wear
Drum Bridge, River Lagan	J306670	1945	E.N. Carrothers, R.D. Meikle & J.McK. Moon
	J306670	1982	S. Beesley
	J306670	1991	S. Beesley
Trooperslane, Carrickfergus	J3886	1945	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Gawleys Gate, Montiaghs Moss	J088672	1945	E.N. Carrothers
	J088672	1977	D.S. Lambert
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1970	J. Harron
	J1485	1977	J. Harron
Whitehead – established in a hedge in front of old coastguard houses	J4791	1981-1992	P. Hackney
Lisburn	J26	09 Oct 1991	S. Beesley & J. Wilde
Crumlin Waterfoot, Lennymore Bay, Lough Neagh	J1175	07 May 1992	S. Beesley & J. Wilde

Hydrocharis morsus-ranae L. Frogbit
UK VU Native
AN Rare

Very rare. Found floating in shallow water in bogs and drains. There are early records from Portmore Lough in1793 (J. Templeton) and 1874 (S.A. Stewart), but it has not been recorded from there since. It was planted at Cushendun by S.A. Brenan, but was gone by 1938 (Praeger & Megaw 1938). Around Lough Neagh, it has recently been reported many times from Montiagh's Moss.

Location	Grid Ref	Date	Recorder
Portmore, north of Ballinderry – drains	J1169	1793	J. Templeton
	J1169	1874	S.A. Stewart
Lough Neagh at Crumlin	J1174	pre-1825	J. Templeton
Gawleys Gate, Montiaghs	J088672	1892	R.Ll. Praeger
	J088672	1916	S.A. Bennett
	J088672	1928	M. Duff
	J088672	1946	E.N. Carrothers, R.D. Meikle & J.McK. Moon
	J06	1970	J. Harron
near M1 roundabout – in runnels in bog	J0660	1967	M.P.H. Kertland
Montiaghs Moss ASSI	J096660	01 Aug 1970	J. Harron
	J088651	1985	Habitat Survey Team, EHS
	J092660	1985	Habitat Survey Team, EHS
	J095649	23 May 1985	Habitat Survey Team, EHS
	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J089650	24 Jul 1985	Habitat Survey Team, EHS
	J094651	24 Jul 1985	Habitat Survey Team, EHS
	J097659	25 Jul 1985	Habitat Survey Team, EHS
	J097658	25 Jul 1985	Habitat Survey Team, EHS
	J093658	25 Jul 1985	Habitat Survey Team, EHS
	J094662	26 Jul 1985	Habitat Survey Team, EHS
	J091647	30 Jul 1985	Habitat Survey Team, EHS
	J087656	30 Jul 1985	Habitat Survey Team, EHS
	J094650	1986	BSBI
	J093652	1987	I. Rippey
	J0916464893	17 Jul 2003	Habitat Survey Team, EHS
	J0878465861	18 Jul 2003	Habitat Survey Team, EHS
	J0875565876	18 Jul 2003	Habitat Survey Team, EHS
Portmore Lough – ditch system, one plant	J105689	03 Aug 1994	M. Tickner

Hydrocotyle ranunculoides L. f. Floating Pennywort
AN Scarce Neophyte

A highly invasive aquatic neophyte, that was first found in Ireland in Co. Down in 2002.

Location	Grid Ref	Date	Recorder
Dunadry Inn – millstream, small patch	J19868491	14 Feb 2004	G.V. Day & J.D. Nunn
Dunadry Weir, Six Mile Water – millstream, several patches, one large	J20108503	14 Feb 2004	G.V. Day & J.D. Nunn
	J20028502	14 Feb 2004	G.V. Day & J.D. Nunn
	J20178506	14 Feb 2004	G.V. Day & J.D. Nunn

Hymenophyllum tunbrigense (L.) Tunbridge Filmy-fern
AN Rare Native

First recorded in Craigagh Wood in 1884 new to the north-east of Ireland. Craigagh Wood is a mature planted wood of mainly deciduous trees on a steep slope. The fern was refound in the wood in 1964, and has been seen there many times since. This is the only known site in Co. Antrim.

Location	Grid Ref	Date	Recorder
Craigagh Wood, west of Cushendun – planted woodland of mature beech trees on a steep craggy hillside; growing plentifully on large boulders and on the ground over an area of about 50 square yards (1964)	D224325	Jun 1884	S.A. Brenan
	D2232	Apr 1964	W. Aitken & M.S. Gunning
	D2232	1966	M.S. Gunning
	D224325	1968	M.S. Gunning
	D2232	Jun 1976	P. Hackney & BNFC
	D2232	24 Aug 1984	J. Wilde
	D2232	09 Aug 1986	J. Wilde & BNFC
	D226323	03 Jun 1986	A. McMullan & S.A. Wolfe-Murphy
	D244325	31 May 2001	M. Wright

Hyoscyamus niger L. Henbane
UK VU Archaeophyte
AN EX

This plant has been found in dunes along the north coast of Antrim. As with other dune plants, it has become rarer, and the most recent record for Co. Antrim is from Portballintrae in 1937. The plant must now be considered extinct in the county.

Location	Grid Ref	Date	Recorder
Carrickfergus – along shore near town	J4187	pre-1811	*M'Skimin 1811*
Ballycastle – roadside	D1140	1821	G.C. Hyndman
	D1140	1889	Dr O'Connor
	D1140	1897	R.Ll. Praeger
fields near Carrickfergus	J48	pre-1864	W.H. Ferguson
Curran of Larne	D40	pre-1864	W. Millen
Lough Neagh shore south side of Toome Bridge	H99 or J08	pre-1888	S.A. Stewart
Glenmore near Lisburn – not seen since	J26	1890	J.H. Davies
Carnlough – casual	D21	pre-1895	J. Hall
Portballintrae	C9242	1937	Unknown
Antrim	J18	pre-1938	*Praeger & Megaw 1938*

Hypericum elodes L. Marsh St. John's-wort
AN Scarce Native

Local plant of marshy and boggy areas. All recent records are from Rathlin Island where it was first recorded on wet heath near the lighthouse before 1888 (S.A. Stewart). It was still there in 1998.

Location	Grid Ref	Date	Recorder
Rathlin Island – on wet heath near lighthouse (pre-1888)	D0951	pre-1888	S.A. Stewart
	D0951	1892	R.Ll. Praeger
	D157518	26-28 Jun 1969	P.J. Newbould
Woodburn Glen	J382896	1899	R. Hanna
Doonmore, Kebble Nature Reserve, Rathlin Island	D091513	1988	S.J. Smith & S.A. Wolfe-Murphy
Ballycarry (ASSI), Rathlin Island	D160520	08 Aug 1988	Habitat Survey Team, EHS
Glenarm Glen	D31	17 Sep 1988	S. Beesley
East Light, Rathlin Island	D157524	08 Aug 1998	Habitat Survey Team, EHS

Hypericum hirsutum L. Hairy St. John's-wort
AN EX Native

Very local, now long extinct. The best known site was Macedon Point, where it was reported several times up to 1937.

Location	Grid Ref	Date	Recorder
Falls Park, Belfast	J305728	1807	E. Templeton
Macedon Point, Belfast Lough	J3581	1800s	R. Tenant
	J3581	1809	J. Templeton
	J3581	07 Jul 1865	S.A. Stewart
	J3581	1937	E.N. Carrothers (**BEL**)
	J3581	Aug 1937	R.Ll. Praeger
Lagan Canal - site unknown but probably in vicinity of Stranmillis	J37	23 Jul 1864	J. Darragh det. P. Hackney 1984 (**BEL**)

Hypochaeris glabra L. Smooth Cat's-ear
UK VU Native
IRDB IN
NI Priority; SOCC
AN Scarce, perhaps EX

Sand dunes and sandy areas by the sea. Local and very rare. The only site in the county is White Park Bay, where it was first recorded in 1944 and last seen in 1959.

Location	Grid Ref	Date	Recorder
White Park Bay	D0143	1944	J.McK. Moon
	D0244	Aug 1953	P. Jagoe
	D0143	1959	M.P.H. Kertland

Isoetes lacustris L. Quillwort
AN Scarce Native

Submerged aquatic. Rare, but possibly overlooked and under-recorded. Recorded regularly from upland lakes. Previously recorded also from Lough Neagh, but not has not been seen there since 1951, and is probably extinct in this area.

Location	Grid Ref	Date	Recorder
Selshan, Lough Neagh – in 1951 there were two plants. Lough Neagh was temporarily at an unusual low level. Not noted for Co. Antrim portion of Lough Neagh since Moore saw it over 100 years ago	J0867	pre-1837	D. Moore
	J0867	Nov 1951	E.N. Carrothers
Lady Bay, Lough Neagh	J0969	pre-1837	D. Moore
Toome Bridge, Upper River Bann – on shore	H9890	pre-1837	D. Moore
Lough Mourne – found abundantly in the south-east corner of Loughmourne when that lake was drained in 1882	J4192	1882	S.A. Stewart
Lough na Cranagh, Fair Head – plentiful (pre-1888); drift specimens with megaspores (1998)	D1742	pre-1888	S.A. Stewart
	D1742	1976	P. Hackney
	D178428	20 Jul 1988	J. Harron
	D179427	04 Jul 1989	N.I. Lake Survey
	D180427	03 Nov 1998	P. Hackney
Craigfad Lough – still abundant (1921)	D264169	May 1921	R.Ll. Praeger
	D2616	1988	P. Hackney
	D263168	18 Jul 1990	N.I. Lake Survey
Lough Doo, Fair Head	D173433	pre-1938	R.Ll. Praeger
	D1743	c. 1960	M.S. Gunning det. A.C. Jermy
	D174432	04 Jul 1989	N.I. Lake Survey
Fair Head	D185430	May 1985	National Trust Biological Surveyor
	D185430	Aug 1988	Habitat Survey Team, EHS
Lough Fadden, Fair Head	D187421	16 Jun 1988	J. Harron
Lough Guile	D02	1989	N.I. Lake Survey

Juncus x ***diffusus*** Hoppe = *J. inflexus* L. x *J. effusus* L.
AN Rare Native

This hybrid grows with the parents, and is probably more common than the number of records would indicate.

Location	Grid Ref	Date	Recorder
Lady Bay, Lough Neagh	J090693	1920	S. Wear
Ardmore Point, Lough Neagh – one strong clump on stony shoreline	J0978	1971	J. Harron
Lagan Meadows	J33406996	02 Aug 1996	S.A. Wolfe-Murphy
Collin River Walk, Suffolk, Belfast	J282710	30 May 2000	S.A. Wolfe-Murphy

Juncus foliosus Desf. Leafy Rush
AN EX Native

Very rare in the county, with only one record from sandy ground at Portrush in 1910.

Location	Grid Ref	Date	Recorder
Portrush	C8540	1910	S. Wear det. P. Hackney in **BEL**

Juncus maritimus Lam. Sea Rush
AN Rare Native

Very few records from Co. Antrim, although it is common in saltmarshes in Co. Down (Hackney 1992). Recent Co. Antrim records have all been from the north coast. It may be under-recorded.

Location	Grid Ref	Date	Recorder
Giants Causeway	C9545	pre-1837	D. Moore
Larne Lough – common	D40	unknown	R.Ll. Praeger
Altmore Glen, Torr Head	D2438	17 Jun 1992	J.A. Lister
Templastragh – grassland along coast	D000443	28 Jul 1999	M. Wright

Juncus subnodulosus Schrank Blunt-flowered Rush
AN Rare Uncertain status

This rush is locally frequent in base-rich marshes by the sea in Co. Down, but in Co. Antrim, it was not known until reported by D. Broughton in 1998/1999 from Lagan Meadows Nature Reserve. There is no confirmation of this record.

Location	Grid Ref	Date	Recorder
Lagan Meadows Nature Reserve *These records require confirmation*	J3270	09 Jan 1998-29 Aug 1998	D. Broughton
	J3370	09 Jan 1998-29 Aug 1998	D. Broughton

Juncus x ***surrejanus*** Druce ex Stace & Lamb. = *J. articulatus* L. x *J. acutiflorus* Ehrh.ex Hoffm.
AN Scarce Native

A few records from sites where the parents are common. The appearance is quite variable and it is very likely that the hybrid is over-looked and under-recorded.

Location	Grid Ref	Date	Recorder
Sandy Bay, Lough Neagh – plentiful on wet sand	J114713	1970	J. Harron
	J116712	10 Oct 1971	J. Harron
Cave Hill	J318798	29 Jun 1990	A. Waterman
Rumbling Hole Quarry, Hannahstown	J265725	1999	S.A. Wolfe-Murphy
Three Mill Dams, Ligoniel	J295775	30 Aug 1999	S.A. Wolfe-Murphy

Juncus tenuis Willd. Slender Rush
AN Scarce Neophyte

Recorded from open disturbed ground. This species was first recorded in the county from Cave Hill, Belfast in 1938 and seems to be spreading steadily in Belfast and surrounding districts.

Location	Grid Ref	Date	Recorder
Ballyaghagan, Cave Hill – in heathy turf	J3179	1938	Unknown
	J3179	1946	R.D. Meikle, E.N. Carrothers & J.McK. Moon
Greenisland – disused railway line	J3785	1980	P. Hackney
site of demolished flats near Greencastle Roundabout, Shore Road, Belfast	J342788	pre-1992	J. Wilde & S. Beesley
Shore Road, Belfast	J3478	28 Jul 1992	S. Beesley & J. Wilde
Finaghy	J3069	10 May 1994	M.D.B. Allen
Fortwilliam, North Belfast	J3377	16 Jul 1994	J. Wilde & S. Beesley
Bog Meadows, Belfast	J3172	22 May 1995	M. Marshall, J. Wilde & S. Beesley
Old Park Road, Belfast	J3276	20 Sep 1995	S. Beesley & J. Wilde
Jordanstown railway line	J355851	1999	S.A. Wolfe-Murphy
Glasgort racing circuit, Landagivey, River Bann	C92	21 Aug 2000	W.I. McNeill

Juniperus communis L. *sensu lato* Common Juniper
NI Priority; SOCC Native
AN –

Mainly on basaltic cliffs. A Northern Ireland Priority Species, but with eleven sites recorded in Antrim since 1950, this species just fails to qualify for inclusion according to county criteria. There seems, however, to have been a loss of most of the sites for which there are pre-1950 reports.

Location	Grid Ref	Date	Recorder
Knocklayd	D1136	pre-1825	J. Templeton
Glenarrif ASSI – rocks (pre-1825); on cliffs (1901); south side (1973)	D2120	pre-1825	J. Templeton
	D2120	1901	C.F. D'Arcy
	D2120	pre-1895	R.Ll. Praeger
	D2120	1973	J. Harron
	D215207	20-23 May 1986	Habitat Survey Team (EHS)
Shane's Hill, Boydstown	J3398	pre-1825	J. Templeton
Glenarm Town	D301135	pre-1825	J. Templeton
Carncastle	D355075	pre-1833	*Kane 1833*
Ballylig, above Ballycastle	D14	pre-1833	*Kane 1833*
Black Mountain limited here, apparently to three or four plants above the 'windy gap'	J2974	pre-1863	W. Millen
Altmore Glen, on north scarp of Garron Plateau	D2322	pre-1864	W. Thompson
	D2322	1985	J. Harron
cliffs south of Carrick-a-rede	D04	1878	T.H. Corry
Glendun	D12	pre-1888	R.Ll. Praeger
Garron Point	D22	pre-1888	W.H. Phillips
	D2922	1934	A.W. Stelfox
	D2922	1986	J. Harron
Craigatinnel, Garron Plateau – a single plant at the cairn half a mile west	D2621	1920	A.W. Stelfox
Ballintoy, east of White Park Bay	D0544	1930	J.R.H. Greeves

Location	Grid Ref	Date	Recorder
above Ballinlig in Glenariff – frequent on the northern cliffs	D22	1937	R.Ll. Praeger
Red Bay Castle	D22	pre-1938	*Praeger & Megaw 1938*
Rathlin Island	D102508	26-28 Jun 1969	P.J. Newbould
Lough Fadden	D186422	1970	J. Harron
Portnakillew	D0843	1970	J. Harron
escarpment beside the coast road, 0.5kms SSE of Carrick-a-rede	D063443	1974	J. Harron
Giant's Causeway	C952452	Jun 1985	A. Farr & R. Boyd
Ballycastle	D14	1987	BSBI Monitoring Scheme
Lough Doo – rocky slope nearby	D173433	20 Jul 1988	J. Harron.
plateau north of Lough Fadden	D185430	03 Aug 1988	P. Corbett & B. Nelson
Kebble, Rathlin Island	D05	unknown	Habitat Survey Team, EHS
Trostan mountain as subsp. *alpina*	D12	Aug 1992	J. Harron

Lamium amplexicaule L. Henbit Dead-nettle
AN Rare probably Archaeophyte

There are few recent records for this casual of light soil in waste places and disturbed ground. This is probably due to a reduction in arable farming.

Location	Grid Ref	Date	Recorder
Carrickfergus	J48	pre-1863	R.Tate
Ballycastle	D14	pre-1864	H. Hincks
New Forge (Newforge), Malone	J325703	pre-1883	J.S. Holden
	J36	03 Aug 1993	S. Beesley
Magheramorne	J4398	1886	R.Ll. Praeger
Larne	D40	1886	S.A. Brenan
Glynn, Larne	c. J4099	pre-1888	R.Ll. Praeger
Ballycarry	c. J4593	pre-1888	R.Ll. Praeger
Curran of Larne	c. D4101	pre-1888	S.A. Stewart
between Larne & Ballygally	D30 or D40	pre-1888	S.A. Stewart
Crebilly	D1303	pre-1923	M.C. Knowles
near Ahoghill	c. D0401	pre-1923	W.R. Megaw
Tate's Avenue, Belfast	J3272	01 May 1991	J. McCaughey, S. Beesley & J. Wilde
Stoneyford Reservoir	J2169	1990	S. Beesley & J. Wilde

Lamium confertum Fries Northern Dead-nettle
AN Rare probably Archaeophyte

In similar situations to *Lamium amplexicaule* and again affected by reduction in arable farming in the county.

Location	Grid Ref	Date	Recorder
Kilroot	J48	pre-1863	R. Tate
Malone	J37	1878	T.H. Corry
Crumlin	J17	pre-1883	T.H. Corry
Glynn	J49 or D40	pre-1883	T.H. Corry

Location	Grid Ref	Date	Recorder
Curran of Larne	D40	pre-1883	T.H. Corry
Cushendun	D23	pre-1883	T.H. Corry
Portrush	C84	pre-1888	R.Ll. Praeger
Carnlough	D21	pre-1888	R.Ll. Praeger
Glenariffe	D21 or D22	pre-1888	S.A. Stewart
Bushmills	C94	pre-1888	S.A. Stewart
abundant on Rathlin Island	unknown	pre-1888	S.A. Stewart
Ahoghill	D00	1916	C.H. Waddell
near Straidkilly – roadside spoil heap	C995380	22 Jul 1992	S. Beesley & J. Wilde

Lathyrus aphaca L. Yellow Vetchling
UK VU Neophyte
AN EX

This casual vetch was recorded several times in the Stranmillis area between 1864 and 1903.

Location	Grid Ref	Date	Recorder
grounds of Stranmillis	J3371	1864	J. W. Murphy
Stranmillis	J3371	1872	J.W. Murphy
field, east of Botanic Gardens, Stranmillis	J3372	Aug 1903	N. Carrothers

Lathyrus palustris L. Marsh Pea
UK NT Native
NI WO; SOCC
IRDB NT
AN Rare

Recorded from one site – on the Lough Neagh shore where the Selshan drain enters the Lough. It has been known there since the 19th century, and was still there in 2005.

Location	Grid Ref	Date	Recorder
Selshan Drain, Lough Neagh	J06	pre-1837	D. Moore
	J0867	1915	S. Wear
	J0867	1915	BNFC & S.A. Bennett
	J0867	1919	S. Wear & A.W. Stelfox
	J0867	1920	R.Ll. Praeger & A.W. Stelfox
	J0968	1928	M. Duff
	J0867	1939	R.Ll. Praeger
	J0867	1952	J.E. Greer
	J0868	15 Jun 1988	Habitat Survey Team, EHS
	J0868	01 Aug 1990	S. Beesley & J. Wilde
	J085682	Jul 1992	P. Hackney
	J085682	May 2005	P. Hackney

Lemna gibba L. Fat Duckweed
AN Scarce Native

This duckweed is locally common in rivers, lake edges and ditches in the Lough Neagh and River Lagan areas.

Location	Grid Ref	Date	Recorder
Bedford Street (formerly known as McCleans's Fields), Belfast	J337737	pre-1825	J. Templeton
by Lagan and near Lough Neagh – abundant	unknown	pre-1837	D. Moore
Bog Meadows, Belfast	J315725	c. 1878	T.H. Corry
Shaw's Bridge, Belfast	J3269	1921	S.A. Bennett, C.D. Chase & N. Carrothers
Gawleys Gate, Montiaghs	J088672	1926	M. Duff
	J088672	1956	M.P.H. Kertland
Shan Port, Lough Neagh – near mouth of Lagan	J0763	01 Aug 1971	M.P.H. Kertland & D.S. Lambert
Portmore Lough – drain	J1168	1984	P. Hackney
Montiaghs Moss ASSI – drains	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J089646	1985	Habitat Survey Team, EHS
Skady Tower off Cormorant Rock, Lough Neagh	H998845	06 Sep 1991	N.I. Lake Survey
Town Parks, Belfast	J3474	11 Jun 1995	S. Beesley & J. Wilde

Leonurus cardiaca L. Motherwort
AN EX Neophyte

Very rare alien which became well-established in places. It grew in a hedge and field near the Holy Well at Cranfield, Lough Neagh from 1897 to at least 1908 (S.A. Stewart & W.J.C. Tomlinson). It was also recorded from a fence near a cottage at Three Islands in 1937 (R.Ll. Praeger), and again in 1956 (J.McK. Moon & D. McClintock) at the same site.

Location	Grid Ref	Date	Recorder
Three Islands, Lough Neagh – in a fence near cottage	J0085	1937	R.Ll. Praeger
	J0085	1956	J.McK. Moon & D. McClintock
Cranfield, Lough Neagh – near holy well	J0585	1897-1908	S.A. Stewart & W.J.C. Tomlinson

Lepidium ruderale L. Narrow-leaved Pepperwort
AN Scarce Neophyte

Found once at Larne at some time before 1938, but the existing population is centred on the docks and harbour area of Belfast. It was first recorded there in 1986 on the Belfast Lough reclamation site and associated rubbish dumps. These are referred to by a variety of names and occupy what was the bed of Belfast Lough offshore of the M2/M5 Shore Motorway, itself constructed on reclaimed land during the 1960s and 1970's. It then spread to other nearby sites, and has been recorded from waste ground, pavement edges and gutters. Beesley & Wilde (1995) record it from six 1km grid squares in the Co. Antrim part of Belfast.

Location	Grid Ref	Date	Recorder
Larne	D40	pre-1938	C.D. Chase
Dargan Road, Belfast Harbour Estate – landfill site	J3577	1986	S. Beesley
	J3577	1990	S. Beesley
	J3577	22 May 1994	J. Wilde
	J3577	30 Apr 1995	S. Beesley & J. Wilde
Skegoneill, Belfast	J3476	10 Oct 1993	S. Beesley & J. Wilde
	J3476	1994	S. Beesley
Shore Road, Belfast – old landfill site	J3478	04 Jun 1994	S. Beesley & J. Wilde
North Foreshore Tip, Belfast	J3578	06 Jul 1994	S. Beesley & J. Wilde
	J3578	22 Aug 1994	J.K. Partridge & P. Hackney
	J3578	25 Aug 1995	J.K. Partridge & P. Hackney
West Twin Island	J3576	1993-1995	*Beesley & Wilde 1995*
Unlocalised, Belfast	J3474	1993-1995	*Beesley & Wilde 1995*
Queen Elizabeth Bridge, Belfast	J344745	Sep 2000	A.G. Hill

Leucojum aestivum L. Summer Snowflake
AN Rare doubtfully Native

Known since 1905 in swampy wooded areas on or near the Lough Neagh shore between the Six Mile Water and Rea's Wood, and from wet woods in Langford Lodge Estate (Fisher 1933; Praeger 1937b; Farrell 1982). There is also a record from around 1930 from a wet meadow (cut-over bog) at Brankinstown near Aghalee (Praeger & Megaw 1938, Hackney 1992); it was gone from there by 1990. There has been much debate as to whether this species is or is not a native in Ireland: the recent *Atlas* (Preston *et al.* 2002) refers to it as an alien in Co. Antrim.

Location	Grid Ref	Date	Recorder
small colony in wet woods on shore of Lough Neagh 2 mls south of Antrim [*probably Rea's Wood was intended*]	J1485	1905	W.J.C. Tomlinson
mouth of Six Mile Water, Lough Neagh	J134866	1926	S.A. Bennett & C.D. Chase
Aghalee, north of Brankinstown – damp meadow	J1265	c. 1930	Mrs W.S. Wright
Langford Lodge, Lough Neagh	J0975	1933	J. Gray
	J0975	1972	J. Harron
	J108749	Apr 1980	L. Farrell & P. Hackney
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
	J142852	07 May 1977	R. Anderson
	J141851	May 1987	J.G. Angus, S. Beesley & A.G. Hill
	J143852	08 May 1988	S. Beesley & P. Hackney

Ligusticum scoticum L. Scots Lovage
IRDB Rare Native
NI Priority**;** SOCC
AN Scarce

Maritime species growing on rocks, rocky shores and sometimes sand dunes or sandy areas. This is a northern plant, which decreases southwards, and in Northern Ireland reaches its southerly limit in Co. Down. Before 1950, the plant was widespread with records from Islandmagee to Portrush wherever the habitat was suitable. Since that time, it seems to have become less widespread – a feature which has been observed with other northern maritime species.

Location	Grid Ref	Date	Recorder
Garron Point – 'refound in Dr Moore's station by Mrs Leebody July, 1893' (*Stewart mss*.)	D2922	pre-1837	D. Moore
	D2922	1893	M.E. Leebody
	D2922	1918	W.R. Megaw
	D2922	1927	C.R.Nodder
Drumnasole, north of Carnlough – seashore	D2923	1892	S.A. Brenan
	D2923	1915	C.J. Lilly
Skernaghan Point – in a letter from Grainger to Mrs Chambré, dated 4 August 193[9] (date of letter is unclear, could be 1938 which is date quoted for record in *Hackney 1992*)	D437036	1898	J. Adams
	D437036	Aug 1939	V.F. Grainger
Brown's Bay, Islandmagee	D4303	1908	W.J.C. Tomlinson
	D4303	1942	BNFC
Ramore Head, Portrush – beyond Black Rocks	C8541	1909	S. Wear
Curran Strand, Portrush – 2 plants on dunes (1991)	C874405	pre-1923	W.J.C. Tomlinson
	C869408	07 Jul 1991	R. Anderson
Rathlin Island	D15	1923	S.A. Bennett, C.D. Chase & W.R. Megaw
	D15	1960	C. MacMahon
Bush Foot sandhills	C9343	pre-1938	C.R. Nodder
	C937431	1985	J.G. Angus
	C9342	1989	Unknown
	C934424	08 Jul 1991	R. Anderson
	C9342	14 May 1994	S. Beesley
	C9342	Aug 1995	W.I. McNeill & D. McNeill
	C937431	1999	S. Beesley
Larne	D40	pre-1938	W.H. Robinson
Dunluce Castle	C902413	pre-1938	R.Ll. Praeger
about Ballintoy	D04	pre-1938	E.N. Carrothers
Muck Island, Islandmagee	D4602	pre-1938	E.N. Carrothers
White Park Bay	D0143	pre-1938	C.R. Nodder
	D0244	1955	J. Heslop-Harrison
Sheep Island off Larry Bane Head – 1985 record is personal communication from P. Watson	D048458	1939-1940	E.E. Barry
	D0545	Jun 1985	Unknown
Portrush	C8540	08 Jul 1954	R.E. Parker
Ballintoy Harbour	D0345	1955	J.H. Penson
	D0345	1990	P. Hackney
Whitehead – railway	J4791	1960	M.P.H. Kertland

Location	Grid Ref	Date	Recorder
Portnaboe, Weir's Snout, Giant's Causeway	C943443	1963	W.I. McNeill
	C943443	1980	P. Hackney
	C943443	14 May 2000	G.V. Day & P. Hackney
Ballycastle	D1140	1968	C.R. Nodder
Runkerry Head approach	D933435	c. 1969	W.E. Harrison
Giant's Causeway	C9545	1985	J.W.D. Semple
	C952452	Jun 1985	A. Farr & R. Boyd
	C94	17 Jun 1989	S. Beesley & M. Beesley
	C943441	16 Jul 1991	E. Porter & I. Crawford
	C9545	1992	Unknown
Carrickarade	D04	31 Aug 1987	S. Beesley & M. Beesley
	D0545	10 Jun 1992	J.A. Lister & M. Flatt
	D061447	18 Jul 1996	Habitat Survey Team, EHS
	D061448	18 Jul 1996	Habitat Survey Team, EHS
Larry Bane Head Quarry	D0445	18 Jul 1996	Habitat Survey Team, EHS

Linaria repens (L.) Miller — Pale Toadflax
AN EX — Archaeophyte

Gravelly shore or waste ground by the sea. Only once recorded from the county in 1810. Searched for many times since without success.

Location	Grid Ref	Date	Recorder
Curran of Larne	D4102	1810	J. Templeton

Linaria vulgaris Miller — Common Toadflax
AN Scarce — probably Native

Waste and disturbed ground, roadsides. Often recorded from the neighborhood of railways.

Location	Grid Ref	Date	Recorder
Lisburn area	J26	1793	J. Templeton
Crumlin Waterfoot	c. J1175	1793	J. Templeton
Drumbridge	J36	1793	J. Templeton
Dunsilly, near Antrim	J18	1829	G.C. Hyndman
Shane's Castle	c. J1187	pre-1864	W. Millen
Carnlough	D21	pre-1864	W. Millen
Portrush	D84	pre-1864	Miss Lanyon
cultivated land at Giant's Causeway	C94	1887	R.Ll. Praeger
Doagh	J28	July 1889	W.S. Smith
Broughshane	D10	pre-1895	R.Ll. Praeger
Dervock	C93	pre-1895	R.Ll. Praeger
Dunloy	D01	pre-1895	R.Ll. Praeger
Ballycastle	D14	pre-1895	R.Ll. Praeger
Galgorm	D00	pre-1923	M.C. Knowles
Brown's Bay, Islandmagee	D0243	1979	C.R. Tyrie *et al.*
Antrim Town	J1486	1987	S. Beesley

Location	Grid Ref	Date	Recorder
Cullybackey Presbyterian Church	D055060	1996	W.I. McNeill
Shore Road south, Skegoneill	J3477	18 Sep 1993	J. Wilde & S. Beesley
Skegoneill, Belfast	J3476	06 May 1994	S. Beesley & J. Wilde
	J3476	22 Jul 1995	J. Wilde & S. Beesley
Junction 6 roundabout, M1 motorway	J277636	2000	W.I. McNeill
Dargan Road, Docks area, Belfast	J3577	16 May 2002	S. Beesley & J. Wilde

Listera cordata (L.) R. Br. Lesser Twayblade
AN Scarce Native

Often with moss under heather or on decaying tree stumps in woods. Widespread, but because of its small size, it is probably under-recorded. The records in Hackney (1992) from Wolf Hill are errors – Collin Mountain was intended.

Location	Grid Ref	Date	Recorder
Cushendall	D22	pre-1837	D. Moore
Black Mountain	J2974	1872	S.A. Stewart
	J2974	1878	T.H. Corry
Garron Plateau	D21 or D22	1886	R.Ll. Praeger
	D21 or D22	1910	BNFC
Squire's Hill	J3078	1893	S.A. Stewart
Collin Mountain (Ballycollin) – the 20th century reports were erroneously referred to Wolf Hill in *Hackney 1992*	J2670	1897	J.H. Davies
	J2670	1967 & 1968	R. Piper
	J2670	18 Jun 1985	BNFC
Carnsampson	D0840	1897	R.Ll. Praeger
Lurigethan	D2225	1899	BNFC
Lough Naroon	D0017	1907	W.J.C. Tomlinson
	D0017	1991	R. Piper
Shane's Hill, Boydstown	J3398	1907	W.J.C. Tomlinson
Sheepheads Hill	J2980	1907	W.J.C. Tomlinson
Glenariff	D22	1910	S.A. Brenan & BNFC
Kellswater Station	J0996	1916	S.A. Bennett
Sharvogues Bog	J1095	1916	S.A. Bennett
Slievenanee, Newtown-Crommelin	D1621	1920	S.A. Bennett & C.D. Chase
	D12	1960s	R. Piper
Cranny Lough	D238165	1921	R.Ll. Praeger
Fair Head	D14	pre-1938	W.J. Sayers
	D14	c. 1991	J. Whatmough
	D185430	Jun 1992	J.A. Lister, P. Jackson & M. Flatt
Carnlough	D21	1946	M.P.H. Kertland
Agnew's Hill	D3301	1947	J.McK. Moon
	D3301	1951	W.D.L. Greer
Loughareema	D206361	1964	Unknown (S. Beesley *in litt.*)

Location	Grid Ref	Date	Recorder
Slievenacloy	J2470	1967	H.G. Heal
	J2471	1985	S. Beesley, J. Wilde & BNFC
Craigagh Wood, west of Cushendun	D225323	Jun 1976	P. Hackney & BNFC
Glenwherry	D275005	1986	I. Rippey
	D279000	Aug 1986	M. Meharg
Sallagh Braes	D30	1997	W.I. McNeill & J. Harron
Divis Mountain – north-western slopes	J277761	18 Aug 1998	Habitat Survey Team, EHS

Lithospermum arvense L. Field Gromwell
UK EN Archaeophyte
AN Rare

Casual only in the county. The 1934 Knockagh record may have been *L. officinale* – which was collected in 1953 from Knockagh by J. Greer (**BEL**).

Location	Grid Ref	Date	Recorder
Cromac	J3473	pre-1825	J. Templeton
Whitehouse	J38	pre-1863	W. Millen
Carrickfergus	J48	pre-1864	W. Millen
Green Path, Knockagh (top of cliffs) – perhaps an error for *L. officinale*	J3686	May 1934	N.F. McMillan det. C.D. Chase

Lithospermum officinale L. Common Gromwell
NI Priority**;** SOCC probably Neophyte
AN Rare

A few records from the 19th century, but this plant does not seem to have persisted anywhere except in the Cave Hill quarry, Belfast. It has been known in this area since 1797 (J. Templeton), and is still thriving on a rocky slope. The origin is not known.

Location	Grid Ref	Date	Recorder
Cave Hill Quarries	J3279	1797	J. Templeton
	J319789	1863	S.A. Stewart
	J319789	1871	S.A. Stewart & H. Robinson
	J319789	1877	T.H. Corry
	J319789	1912	S.A. Bennett
	J319789	1947	C.D. Chase
	J319789	1969	P. Hackney
	J3178	1985	BNFC
	J319789	1988	S. Beesley & J. Wilde
White Head, Whitehead	J474911	pre-1825	G.C. Hyndman
	J474911	1907	W.J.C. Tomlinson
Milltown, Derriaghy	J2767	pre-1863	S.A. Stewart
Knockagh, north-west of Greenisland	J360868	1876	S.A. Stewart
Crow Glen, Wolf Hill	J2976	1917	S. Wear
Waterloo, Larne	D410035	1940	R.G. Henderson
Hazel wood, Knockagh	J360868	1953	J.E. Greer

Lobelia dortmanna L. Water Lobelia
AN Scarce Native

Local plant of shallow water in nutrient-poor upland lakes. Reported from Lough Neagh in 1865, but not since and should now be considered extinct in this area. Recent records have been from lakes on Garron Plateau and Fair Head.

Location	Grid Ref	Date	Recorder
Lough Neagh at Portmore	J1169	pre-1825	J. Templeton
Lough Neagh (site not specified)	J06 or J16	1865	S.A. Brenan
Selshan Harbour, Lough Neagh	J0867	pre-1867	G.C. Hyndman
Craigfad Lough	D2616	1890	R.Ll. Praeger
	D2616	1921	R.Ll. Praeger
	D2616	1988	P. Hackney
	D2616	1989	N.I. Lake Survey
Denny's Lough, Garron Plateau	D2620	1920	R.Ll. Praeger & A.W. Stelfox
	D2620	1984	P. Hackney
	D260202	1990	W.I. McNeill & J. Harron
Garron Plateau	D255196	13-17 Jun 1977	Habitat Survey Team, EHS
	D22	12 Aug 1989	D. Ledsham
Lough Doo, Fair Head	D173432	20 Jul 1988	J. Harron
	D173433	02 Aug 1988	Habitat Survey Team, EHS
	D174432	04 Jul 1989	N.I. Lake Survey
Fair Head	D185430	Aug 1988	Habitat Survey Team, EHS

Lolium temulentum L. Darnel
UK CR Archaeophyte
IRDB EX
AN Rare

A rare casual of arable fields. Listed as extinct in Ireland in Curtis & McGough (1988), but a note in press records its discovery on the Aran Islands in 1987, where it was still present in 1994 (Reynolds 2002).

Location	Grid Ref	Date	Recorder
Ballycastle	D1140	1947	C.D. Chase in **BEL**
White Park Bay	D0244	Aug 1953	P. Jagoe

Luzula pallidula Kirschner Fen Woodrush
UK CR Native
AN Rare, perhaps EX

Only a single record from marshy ground near Lough Neagh (J. Harron in 1970). This species has only recently been recognised as distinct, so is possibly under-recorded. In 1992, an attempt to find the plant at the original site by J. Harron, J. Kirschner, T.C.G. Rich, J. Harron, S. Beesley and J. Wilde was unsuccessful, due to changes in the habitat. Vouchers of 1970 collection in herb **BM** have apparently been lost.

Location	Grid Ref	Date	Recorder
Doss Bay, Lough Neagh	H988874	31 May 1970	J. Harron

Lycium chinense Miller — Chinese Teaplant
AN Scarce — Neophyte

A garden escape or discard which is well-established in some places, especially near the sea. Long known at some sites.

Location	Grid Ref	Date	Recorder
Murlough Bay	D2041	1944	M.P.H. Kertland
Ballycastle Harbour – old bathing place	D121415	1944	M.P.H. Kertland
Rathlin Island	D15	1960	C. MacMahon
Ballynaleney (detached portion), Lough Neagh	J0086	1976	P. Hackney & BNFC
Ballintoy Harbour – near cottage	D036451	1977	P. Hackney
	D036451	1980	H.D. Megaw
	D036451	10 Jun 1990	S. Beesley
White Park Bay	D04	24 Sep 1986	S. Beesley & M. Beesley
Craigmacagan, Rathlin Island	D1549	01 Jun 1991	Unknown
Knockaphort, Lough Neagh – adjacent to houses	J000859	13 Aug 1999	P. Hackney & R. Piper

Lycopodium clavatum L. — Stag's-horn Clubmoss
Euro listed in EC Habitats Directive Annex Vb — Native
NI SOCC
AN Scarce

Peaty heaths and moors; apparently declining.

Location	Grid Ref	Date	Recorder
Black Mountain	J2974	1798	J. Templeton
	J2974	pre-1888	S.A. Stewart
Agnew's Hill	D3301	1804	J. Templeton
	D3301	1950	M.P.H. Kertland
Skerry Rock, Broughshane	D10	1832-1837	D. Moore
	D1317	1893-1920	W.J.C. Tomlinson
Carrickfergus commons	J3892	1861-1863	R. Tate
Divis Mountain – road going up to Dart Pass, c. 1000 feet (1914)	J2875	1861-1863	R. Tate
	J2875	1914	N. Carrothers
Lough Mourne – heath	J4192	pre-1888	S.A. Stewart
Boughill Hill	J27	pre-1888	S.A. Stewart
Slievenanee, Newtown-Crommelin	D1621	pre-1888	S.A. Brenan
	D1621	1910	W.J.C. Tomlinson
	D1621	1946	J.McK. Moon
	D1621	1975	S. Roberts
Knocklayd Mountain (summit)	D115364	pre-1895	R.Ll. Praeger
Glenleslie	D1016	pre-1895	H.W. Lett
Evish (Hill) Mountain, Glenariff	D1918	pre-1895	H.W. Lett
Glenariff Glen	D22	1899	H.W. Lett
Parkmore Forest plateau between Parkmore and Lurigethan	D1921	1901	C.F. D'Arcy

Location	Grid Ref	Date	Recorder
between Divis and Black Mountain	unknown	1907	W.J.C. Tomlinson
Ballytogue, Ligoniel	J2978	1907	W.J.C. Tomlinson
Black Mountain	J2974	pre-1910	S.A. Stewart
Glenariff Forest Park	D2019	1910	S.A. Bennett & S. Wear
Inver River, Garron Plateau – in abundance about	D22	1911	BNFC
Ess Dhu 850-900 feet, where Inver River enters Glenariff Gorge (1920)	D216206	1920	R.Ll. Praeger
Glenshesk	D13	pre-1923	Miss Hopkins
Loughareema	D206360	pre-1938	W.A. Green
Crow Glen, Wolf Hill – slopes	J291769	1955	J.H. Penson
Wolf Hill, Ligoniel	J2877	1960-1969	R. Piper
White Brae - by roadside	D3304	1972	D.S. Lambert

Lythrum portula (L.) D. Webb — Water-purslane
AN Scarce — Native

Locally common in wet places and lake margins on acid ground. A rather insignificant plant and so probably overlooked.

Location	Grid Ref	Date	Recorder
Carrickfergus commons	J39	pre-1864	Unknown
Benmore or Fair Head - summit	D177438	1878	T.H. Corry
Rathlin Island	D05	pre-1888	S.A. Stewart
Cushendall	D2327	pre-1888	R.Ll. Praeger
Cushendun	D2535	pre-1888	R.Ll. Praeger
The Green Beds, Lough Beg	H987965	09 Aug 1970	J. Harron
Creagh Bog	H988926	06 Jun 1971	J. Harron
Garry Bog ASSI	C9430	24 Oct 1985	Habitat Survey Team, EHS
Ballymoney Bogs	D019375	29 Oct 1985	Habitat Survey Team, EHS
Carnlelis Bog, Dunloy	D0117	unknown	Habitat Survey Team, EHS
Crushybracken Bog near Cullybackey	D015120	06 Dec 1985	S.A. Wolfe-Murphy
Loughareema	D23	1989	J. Harron
Clogh Mills area (probably Carnlelis Bog – see below)	D01	28 Sep 1989	W.I. McNeill & D. McNeill
Ballyscullion - shore	H975958	1990	W.I. McNeill
Giant's Causeway	C9545	28 Aug 1998	J.A. Lister

Malva neglecta Wallr. — Small Mallow
AN EX — Neophyte

Very rare plant of sandy waste places. No records since the 19th century.

Location	Grid Ref	Date	Recorder
halfway between Belfast and the Milewater – gone by 1888	unknown	pre-1825	J. Templeton
south of Carrickfergus (by half mile)	J48	pre-1825	J. Templeton
Rathlin Island	D0951	pre-1864	C. Gage
Magheramorne, Ballylig	J4398	1886	R.Ll. Praeger

Matteucia struthopteris (L.) Tod — Ostrich Fern
AN Rare — Neophyte

This fern is well established at two sites in woodland near Lough Neagh. It is thought to have spread from an abandoned rock garden at Shane's Castle about 1948.

Location	Grid Ref	Date	Recorder
Shane's Castle – rock garden (neglected), plentiful and spreading beyond the garden boundary	J118880	Jul 1948	E.N. Carrothers & J.McK. Moon
Rea's Wood NNR, Antrim Bay (Massereene) – two large colonies on damp shady ground by the shore of Lough Neagh (*Carrothers 1948*); south of Six Mile Water, and in drier parts of wet woodland (1970)	J1485	1948	E.N. Carrothers, J.McK. Moon & R.C. Davidson
	J1485	1970	J. Harron
	J1485	1971	J. Harron
	J1485	1972	J. Harron
	J1485	1977	J. Harron
	J142858	27 Apr 1988	S. Beesley & J. Wilde
south of Antrim Marina, Lough Neagh	J139860	18 Jul 1988	J. Harron

Melampyrum sylvaticum L. — Small Cow- wheat
UK EN — Native
NI WO; Priority; SOCC
IRDB VU
AN Scarce

A northern species with its Irish headquarters in Antrim and Londonderry. Recorded from upland glens and woods; formerly widespread, but now apparently much more localized, probably on the verge of extinction.

Location	Grid Ref	Date	Recorder
Forth River, Springfield – near the fall	J3175	1800	J. Templeton
	J37	1808	J. Templeton
Glenarm Park, Glenarm Forest	D31	1800	J. Templeton
	D31	1808	J. Templeton
Magheramorne Glens	J4298	1808	J. Templeton
Glenoe	J3996	pre-1837	D. Moore
Altmore Glen near Cushendall	D2339	pre-1852	W. Thompson
Woodburn Glen	J3889	pre-1864	W. Millen
Crow Glen, Wolf Hill	J291769	1878	T.H. Corry
	J291769	1895	S.A. Stewart
Carncastle	D3507	1887	R.Ll. Praeger
Parkmore Forest, Glenariff – in plenty	D1820	1889	S.A. Stewart

Location	Grid Ref	Date	Recorder
Glenariff	D12	1906	S. Wear
	D22	1920	S.A. Bennett & C.D. Chase
	D22	between 1935 & 1937	R.Ll. Praeger
Cranny Falls, Carnlough – below waterfall	D268185	1920	R.Ll. Praeger & A.W. Stelfox
Douglas Burn in Glenwhirry	D227098	1973	J. Harron
Shillanavogy, south-east of Slemish – hazelwood	D2504	1984	EHS
Glen Burn, Braid River – 5 separate sites spread out along 1.25kms of rock-bound stream	D235072	14 Jun 1984	J. Harron
	D232074	Aug 1985	J. Harron
	D232074	Jun 2005	J. Harron
Fair Head & Murlough Bay (National Trust)	D185430	May 1985	National Trust Biological Surveyor
Coolranny, Altmore Burn, Glenariff Glen	D243375	Jun 1985-Jul 1986	National Trust Biological Surveyor

Mentha pulegium L. Pennyroyal
UK EN Native
NI WO; Priority; SOCC
IRDB VU
RoI FPO
AN Rare

Very rare in Co. Antrim, and only recorded from wet pastures and the shores of Lough Beg where it is locally abundant. Only one recent record from damp grassland at the north end of the Lough where it has been known since the 19th century.

Location	Grid Ref	Date	Recorder
Creagh Bog – plentiful, but gone now	H9892	pre-1837	D. Moore
north end of Lough Beg – abundant in damp meadow	H99	1893	M.C. Knowles & R.Ll. Praeger
Ballyscullion East, Lough Beg	H9895	1937	R.Ll. Praeger

Mentha suaveolens Ehrh. Round-leaved Mint
(*M. rotundifolia* auct.)
UK DD Neophyte
AN Scarce

Occasional garden escape on waste ground and roadsides.

Location	Grid Ref	Date	Recorder
Crumlin	J17	pre-1838	D. Moore
Glendarragh	J1476	pre-1838	D. Moore
Lough Head, Islandmagee	J49	pre-1863	R. Tate
behind Glenville hotel, Cushendall	D2327	1939	J.P.M. Brenan & N.D. Simpson
Ballymarlagh, near Ballymena	D157027	1984	S. Beesley
Ballyginniff Milltown, Lough Neagh	J109806	17 May 1987	J.G. Angus, S. Beesley & A.G. Hill
	J109806	25 Jul 1987	S. Beesley
White Mountain, Aughrim	J2468	16 Sep 1992	S. Beesley & J. Wilde

Location	Grid Ref	Date	Recorder
Bog Meadows, Belfast	J3172	03 May 1995	M. Marshall, J. Wilde & S. Beesley

Mertensia maritima (L.) Gray Oysterplant
UK NT Native
NI WO; Priority; SOCC
IRDB Rare
RoI FPO
AN Rare

Very rare plant of bare shingle by the sea. Decreasing. In the 19th century it was recorded from Brown's Bay (J. Templeton in 1810) and Garron Point (D. Moore before 1837), but is long lost from these sites. It is now only known from the north coast and from Rathlin Island.

Location	Grid Ref	Date	Recorder
Brown's Bay, Island Magee – in abundance (1810); gone by 1930s	D4303	1794	J. Templeton
	D4303	1810	J. Templeton
Garron Point – not seen here since	D2922	pre-1837	D. Moore
The Amphitheatre, Giant's Causeway	C952453	29 May 1927	C.R. Nodder
	C9545	1930	F.H.W. Kerr
	C952452	19 Jun 1976	P. Hackney & BNFC
	C959455	1977-1979	S. Beesley
	C952452	1985	A. Newton & P. Hackney
	C952452	Jun 1985	A. Farr & R. Boyd.
	C9545	09 Jun 1992	J.A. Lister
Rathlin Island	D15	1986	EHS
Ballycastle	D1140	1986	EHS
Giant's Causeway – beach shingle north end of Port Noffer; 18 plants (1991); 21 plants (1992)	C9444	1991	H. Dick (National Trust)
	C9444	1992	H. Dick (National Trust)
	C9444	2004	D. Holyoak
Giant's Causeway Port Reostan; Port na Spaniagh (old record)	C9545	1992	National Trust

Meum anthamanticum Jacq. Spignal
UK NT Neophyte
AN Rare

This plant was first recorded from lawns at Maryville and Cranmore, but did not persist (Stewart & Corry, 1888). The only other record is from Upper Malone, Belfast in 1985. These records are the only ones for Ireland as a whole.

Location	Grid Ref	Date	Recorder
Maryville – lawns	J37	1808	J.Templeton
Cranmore – lawns	J3271	1815	J.Templeton
Upper Malone, Belfast	J3169	10 Jun 1995	J. Wilde & S. Beesley

Mimulus luteus L. Blood-drop-emlets
AN Rare Neophyte

By rivers and streams. These records should be treated with caution – they may refer to forms of the hybrid with *M. guttatus* DC.

Location	Grid Ref	Date	Recorder
Whiterocks, Portrush	C8940	1991	R. Anderson
	C8940	2004	B.J. Beesley
Rumbling Hole Quarry, Hannahstown	J265725	13 Jul 1999	S.A. Wolfe-Murphy
Monagh By Pass, Turflodge, Belfast	J295735	13 Sep 1999	S.A. Wolfe-Murphy

Minuartia verna (L.) Hiern. Spring Sandwort
UK NT Native
AN Scarce

Dry stony soils especially on basalt scarps. Recorded from many sites, but recently has suffered at many sites through over-grazing.

Location	Grid Ref	Date	Recorder
Agnew's Hill	D3301	1807	W.J.C. Tomlinson
	D3301	1808	J. Templeton
Sallagh Braes	D3405	1808	J. Templeton
	D344052	1980	S. Beesley
	D3405	1997	W.I. McNeill & J. Harron
Cushendall	D2327	1809	J. Templeton
	D2327	pre-1888	S.A. Stewart
Lurigethan – base of scarp	D2225	1878	T.H. Corry
	D2225	1918	W.R. Megaw
	D2225	05 Jul 2003	W.I. McNeill & J. Harron
Tievebulliagh ASSI	D194268	pre-1888	S.A. Brenan
	D1926	1909	S. Wear
Benmore or Fair Head	D177438	pre-1888	R.Ll. Praeger
Carnlough Glen	D2818	pre-1888	R.Ll. Praeger
Garron Point	D2924	pre-1888	C.C. Babington
	D2924	1920	S.A. Bennett
Scawt Hill	D335077	pre-1895	R.Ll. Praeger
	D3307	1909	S. Wear
	D335077	1978	Unknown
Knockdhu – basalt scree at base of cliffs at 200-300m	D339067	1907	W.J.C. Tomlinson
	D342067	06 Jun 1971	R. Anderson
	D3406	1983	P. Hackney
	D3406	1984	S. Beesley & J. Wilde
	D3406	17 Aug 1999	P. Hackney, R.S. Weyl & D.T. Holyoak
Glenariff	D22	1909	S. Wear
	D215207	20-23 May 1986	Habitat Survey Team, EHS
Giant's Causeway – scarps	C9644	pre-1923	J. Henry
	C952452	Jun 1985	A. Farr & R. Boyd

Location	Grid Ref	Date	Recorder
Garron Plateau	D253239	13-17 Jun 1977	EHS
	D266238	13-17 Jun 1977	EHS
rocky cleft of the Doon Burn on south side of Glenariff at between 500-600ft	D2220	1982	P. Hackney

Monotropa hypopitys L. Yellow Bird's-nest
UK EN Native
NI WO; Priority; SOCC
IRDB Rare
AN Rare

Extremely rare in Northern Ireland, and not known from the county until found recently by P. Hackney in Straidkilly Wood NR. Several plants were growing on a shady grassy bank near a rough track.

Location	Grid Ref	Date	Recorder
Straidkilly Wood Nature Reserve – 2 patches totalling c.15 plants seen close to south boundary of reserve beside the main footpath (1997); 3 patches seen (1998); could not be re-found by Hackney during searches in 2003 or 2004, but relocated in 2005 by M. Wright	D304163	26 Aug 1997	P. Hackney
	D304164	Jun 1998	P. Hackney & C.R. Tyrie
	D304163	03 Aug 1998	P. Hackney & C.R. Tyrie
	D304163	2000	P. Hackney
	D304163	Aug 2005	M. Wright

Mycelis muralis (L.) Dumort. Wall Lettuce
AN Scarce Neophyte

On dry banks and old walls. Naturalised and well-established locally in some areas. Many of the records are post-1950, and it appears that this plant is increasing in Co. Antrim. It has now been found in several sites in, or near, Belfast City Centre.

Location	Grid Ref	Date	Recorder
River Lagan at Lambeg	J2766	1943	E.N. Carrothers
Cushendun	D2535	1950	BNFC
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
Massereene – golf club house	J18	1982	P. Hackney
Lambeg – bridge over Lagan	J278663	1983	P. Hackney
Antrim Town	J138867	19 Jul 1987	S. Beesley
	J142869	31 Jul 1988	S. Beesley, A.G. Hill & J.W.D. Semple
	J152858	31 Jul 1988	S. Beesley, A.G. Hill & J.W.D. Semple
	J1486	Jun 1989	S. Beesley & J. Wilde
Lisburn	J26	09 Oct 1991	S. Beesley & J. Wilde
City Centre south, Belfast	J3373	29 Aug 1993	S. Beesley & J. Wilde
	J3373	04 Aug 1994	S. Beesley & J. Wilde
Shankill, Belfast	J3274	10 Aug 1994	J. Wilde & S. Beesley
Lambeg Bridge, River Lagan	J279663	1996	S.A. Wolfe-Murphy
Garden wall weed on lower Malone Road, Belfast	J334723	2005	P. Hackney

Myosotis ramosissima Rochel — Early Forget-me-not
AN Scarce — Native

Local on sand dunes and sandy soil. These habitats occur mainly on the north coast. At White Park Bay it is quite widespread, and the plant has been recorded in many places (E. Porter & I. Crawford in 1991).

Location	Grid Ref	Date	Recorder
between Portrush and Dunluce – abundant on sandy warrens	C84 or C94	pre-1837	D. Moore
Bushmills dunes	C94	pre-1837	D. Moore
Six Mile Water, Lough Neagh – gravel bank	J1386	1891	R.Ll. Praeger
White Rocks, east of Portrush	C8840	1917	S. Wear
Portrush	C8540	1920	S. Wear
White Park Bay	D0143	1975	S. Beesley
Shane's Castle	J116879	1976	H. Prendergast
Portrush Golf Course	C8740	18 May 1988	D.H. Riley
Lemnagh More at White Park Bay	D011439	14 Jul 1991	E. Porter & I. Crawford
	D012438	14 Jul 1991	E. Porter & I. Crawford
	D013438	14 Jul 1991	E. Porter & I. Crawford
Lemnagh Beg at White Park Bay	D019436	14 Jul 1991	E. Porter & I. Crawford
	D018436	14 Jul 1991	E. Porter & I. Crawford
	D017436	14 Jul 1991	E. Porter & I. Crawford
Giant's Causeway NNR	C951446	17 Jul 1991	E. Porter & I. Crawford
	C964458	19 Jul 1991	E. Porter & I. Crawford
Port na Tober, Plaiskin Head	C962457	19 Jul 1991	E. Porter & I. Crawford
White Park Bay ASSI – 19 sites in 1km area	D0244	09-13 Jul 1991	E. Porter & I. Crawford
White Park Bay ASSI – 4 sites in 1km area	D0344	10 Jul 1991	E. Porter & I. Crawford
White Park Bay ASSI – 4 sites in 1km area	D0243	13 Jul 1991	E. Porter & I. Crawford
White Park Bay ASSI – 12 sites in 1km area	D0143	13-14 Jul 1991	E. Porter & I. Crawford
Rathlin Island Coast ASSI	D104523	26 Sep 1991	E. Porter & I. Crawford
	D090510	27 Sep 1991	E. Porter & I. Crawford
	D100509	27 Sep 1991	E. Porter & I. Crawford
Kebble Nature Reserve, Rathlin Island	D100510	27 Sep 1991	E. Porter & I. Crawford

Myriophyllum verticillatum L. — Whorled Water-milfoil
UK VU — Native
AN EX

Confined to one locality, in muddy or bog drains in the Portmore Lough area. First found pre-1864 (F. Whitla) and last reported by R.Ll. Praeger in 1915. Now extinct in the area. However, records are shown for Co. Antrim for the period 1987-1999 in Preston *et al*. (2002): the basis for these is unknown to the author or editors.

Location	Grid Ref	Date	Recorder
Portmore Lough	J1168	pre-1864	F. Whitla
	J1168	1915	R.Ll. Praeger

Neottia nidus-avis (L.) Rich. Bird's-Nest Orchid
UK NT Native
AN Frequent (more than 10 sites post-1950)

Included here only because of its inclusion in the *GB Red Data List* Cheffings & Farrell (2005), but otherwise fails the criteria for inclusion in this *Register*. A frequent parasitic or saprophytic herbaceous perennial of old woodland, but fickle in its appearance at its sites.

Location	Grid Ref	Date	Recorder
Sinclair's Green, Falls Park, Belfast – birch woods	J3072	1807	E. Templeton
	J3072	1814	J. Templeton & Dr Taylor
Glendarragh, Crumlin – birch woods	J1476	1812	J. Templeton
Drumnasole, 3.5km north of Carnlough – birch woods	D2821	between 1836 and 1850	W. Thompson
	D2821	pre-1937	R.Ll. Praeger
Portglenone – birch woods	C9703	pre-1837	D. Moore
Colin Glen, Belfast	J2672	1866	S.A. Stewart
	J2672	1867	H. Robinson
	J2672	1908	W.J.C. Tomlinson
	J2672	1917	S.A. Bennett
	J2672	between 1935 and 1937	R.Ll. Praeger
	J270720	19 May 1992	J.A. Lister
Muckamore, Antrim	J1685	1874	S.A. Stewart
	J1685	1907	W.J.C. Tomlinson
Shane's Castle Estate, Lough Neagh	J1387	1878	T.H. Corry
	J1387	1906	S. Wear
	J1387	1913	H.S. Shaley
	J1387	1962	headmaster of Belfast High School
Whitehall Estate – birch woods	D1507	pre-1895	S.A. Brenan
Garron Tower (St. MacNissi's Grammar School) – birch woods	D22	pre-1895	M.E. Leebody
Redhall Glen, Redhall Estate	J4595	1899	R. Hanna
	J4595	1900	R. Hanna
	J4495	1947	C.D. Deane
	J4594	1980	R. Piper & P. Hackney
	J455948	06 Jul 1999	P. Hackney & R. Piper
Rea's Wood, Antrim Bay (Massereene)	J1485	1908	W.J.C. Tomlinson
	J1485	1977	J. Harron
Randalstown	J0890	1913	S.A. Bennett
Cranny Falls, Carnlough – birch woods	D268185	1920	R.Ll. Praeger & A.W. Stelfox
Glenarm Park, Glenarm Forest – birch woods	D31	1937	R.Ll. Praeger
east side of Glen of Dunisland Water	J412967	1972	J. Hopton
Knockagh scarp, 1.5km north-west of Greenisland	J360868	1973	J. Hopton
Glynn River – west bank (1986)	J3999	1981	BNFC
	J3998	22 Jun 1986	S.A. Wolfe-Murphy
Glynn Hill Woods	J408993	17 Sep 1981	P. Hackney
Magheramorne House, Larne Lough – above lake	J4298	1982	R. Piper & P. Hackney

Location	Grid Ref	Date	Recorder
Garron Point – hazel scrub south of farm track (1986)	D2922	1986	Habitat Survey Team, EHS
	D294248	29 May 1986	S.A. Wolfe-Murphy & A. McMullan
Cave Hill – birch woods	J3179	1987	J. Malins
Ballycastle	D14	1987	BSBI Monitoring Scheme
Carey River east of Ballycastle	D144404	25 May 1988	J. Harron
McCartney's Bridge, Linford Water	D3108	24 Jul 1991	S. Beesley & J. Wilde
White Park, 0.5km south of Cullybackey	D0604	08 Aug 1991	S. Beesley & J. Wilde
Linford Water	D310086	03 May 1996	A. Waterman
Glenariff Glen – verge of A43 road	D21762101	27 May 1998	M. Wright

Nymphaea alba L. White Water-lily
AN Scarce Native

There are records from several lakes and slow-moving rivers, but it now appears to be found mainly in the north of the county.

Location	Grid Ref	Date	Recorder
Lagan Canal – long extinct there	unknown	pre-1864	G. Dickie
Lough Neagh – long extinct there	unknown	pre-1864	G. Dickie
Rathlin Island	unknown	1837	*Stewart & Corry 1888*
	unknown	1884	*Stewart & Corry 1888*
	unknown	c. 1983	H.D. Megaw
Portmore Lough	J1168	pre-1888	S.A. Stewart
Dunadry – pond near station	J2085	1908	W.J.C. Tomlinson
Lisanoure Castle	D065244	1908	BNFC
Lough Craigmacagan, Rathlin Island	D152495	26-28 Jun 1969	P.J. Newbould
Fair Head & Murlough Bay (National Trust)	D185430	May 1985	National Trust Biological Surveyor
	D185430	Aug 1988	Habitat Survey Team, EHS
Ballycastle	D14	1987	S. Beesley
Ally Lough, Rathlin Island	D151492	11 Jul 1988	N.I. Lake Survey
Lough Fadden, Fair Head	D187421	16 Jun 1988	J. Harron
	D186422	04 Jul 1989	N.I. Lake Survey
Ballydrain Lake, Malone Golf Club, Belfast (not native)	J311677	04 Jun 1990	N.I. Lake Survey

Nymphoides peltata Kuntze Fringed Water-lily
AN Scarce Neophyte

Introduced before 1836 into the River Lagan by J. Campbell (Curator of Belfast Botanic Gardens) where it became established and persisted between the first and second locks until the late 1950s. Also seen in the Bog Meadows before 1888, but not seeen again. Extinct at both sites. In the 1980's, this plant began to reappear in several ponds and small lakes in the north-east of Ireland, either deliberately planted as an ornamental or an escape from garden ponds. It was introduced to an artificial lake at Kilroot, Carrickfergus, where it was recorded in 1985.

Location	Grid Ref	Date	Recorder
River Lagan near Botanic Gardens, Belfast	J3470	pre-1836	J. Campbell
Bog Meadows, Belfast	J3172	pre-1888	R. Hanna
along Lagan Navigation from first lock to lock-keeper's cottage above second lock	J3370/J3470	1937	E.N. Carrothers
below felt factory near the Belfast Boat Club	J341709	1947	M.P.H. Kertland
River Lagan near Belfast Boat Club	J341709	c. 1959	H. Dales
artificial lake at Kilroot, Carrickfergus	c. J4489	24 Aug 1985	S. Beesley *et al.*
River Lagan *This record requires confirmation*	unknown	1997	S.A. Wolfe-Murphy

Oenanthe fistulosa L. Tubular Water-dropwort
UK VU Native
AN Scarce

Unusual plant of lowland marshes, ditches and shallow water. Most records are from the Lough Neagh area and associated waterways.

Location	Grid Ref	Date	Recorder
Portmore, north of Ballinderry	J1169	1798	J. Templeton
	J1169	1867	S.A. Stewart
between Lisburn and Lough Neagh	unknown	1830	G.C. Hyndman
from Creagh Bog towards Coleraine – occasional	unknown	pre-1895	R.Ll. Praeger
Ballymaleney, Lough Neagh	J0086	1908	W.J.C. Tomlinson
Selshan, Lough Neagh	J0867	1925	H.J. Riddell
Three Islands, Lough Neagh	J0085	1943	E.N. Carrothers & J.McK. Moon
Creagh Bog	H9892	1944	E.N. Carrothers & J.McK. Moon
Bartin's Bay, Lough Neagh	J0765	31 Jul 1971	J. Harron
Doorish Point, Lough Beg	H994928	15 Aug 1971	J. Harron
Montiaghs Moss ASSI	J094655	18 Jun 1985	Habitat Survey Team, EHS
	J095649	23 May 1985	Habitat Survey Team, EHS
Moyola Water Foot to Annaghmore House	H9790	21 Jul 1988	Habitat Survey Team, EHS
Mainwater Foot to mouth of Sixemilewater	J1286	27 Jul 1988	Habitat Survey Team, EHS
Ballyscullion	H975963	1990	W.I. McNeill & D. McNeill
Doss Bay, Lough Neagh	H9887	27 Jul 1998	J. Harron

Oenanthe lachenalii C. Gmelin Parsley Water-dropwort
AN Rare Native

Wet ground near the coast. Very rare in Co. Antrim, but much more widespread in adjacent counties. The Giant's Causeway site was first reported in 1887 (R.Ll. Praeger), and was refound 100 years later by R.S. Weyl, who remarks that the species has the same requirements as *Juncus maritimus*.

Location	Grid Ref	Date	Recorder
by Lagan Canal below the first lock – gone by 1938	J3370	pre-1825	J. Templeton
Giant's Causeway	C9545	1887	R.Ll. Praeger
	C950447	1987	R.S. Weyl

Ononis repens L. Common Restharrow
AN Rare Native

Very local plant of coastal sand dunes or sandy ground by Lough Neagh. The species has declined considerably in extent since the 19th and early 20th centuries, and there are post-1950 reports only from one site on the east coast.

Location	Grid Ref	Date	Recorder
Ballycastle – gone now, 1985 (S. Beesley)	D1140	pre-1888	S.A. Stewart
Cushendall	D2327	pre-1888	S.A. Stewart
Massereene Park – sandy pastures	J1485	pre-1888	S.A. Stewart
Portrush	C8540	1910	J. Henry
Cushendun	D259351	1927	R.Ll. Praeger
Red Bay, Waterfoot	D2425	1983	P. Hackney
	D2425	1989	S. Beesley
	D2425	06 Sep 1991	S. Beesley & M. Beesley

Ophrys apifera Hudson Bee Orchid
NI WO Native
IRDB NT
AN Scarce

Local species of dunes, calcareous pastures and well-drained waste areas e.g. quarry spoil heaps. In the last habitat, the plant is at risk due to competition with grasses and other colonists. Remarkably, the earliest report of this species in the county only dates from 1923.

Location	Grid Ref	Date	Recorder
Magheramorne Quarry – on grassed-over tips of rock waste on main quarry side of main road from Whitehead to Larne (1994); in quarry left of and below road to Larne (near tunnel under road) & on right side of road going to Larne before first sharp bend just within quarry boundary fence, in short open turf colonising chalk rubble and dust (1998 & 2002 - abundant); highest terrace (2001)	J4398	1923	C.D. Chase
	J4398	1934	C.D. Chase
	J4398	between 1935 & 1937	R.Ll. Praeger
	J438986	1976	D. Ledsham
	J438986	1985	D. Ledsham
	J438986	1994	P. Hackney
	J437987	23 Jun 1998	P. Hackney
	J4498	19 Jul 2001	P. Hackney
	J442980	29 Jul 2001	P. Hackney
	J437987	2002	P. Hackney
Ballydown, Islandmagee – quarry filled in by 1981	D4300	1926	D. Donaldson
Carnlough – on spoil bank	D2818	1937	R.Ll. Praeger
White Head quarry	J474911	1942	R.L. Streight
White Head – south side of railway tunnel	J474909	1944	R.L. Streight
Magheramorne – meadow	J4398	1951	J.E. Greer

Location	Grid Ref	Date	Recorder
Ballycarry – old quarry	J454935	1973	D. Ledsham
	J49	25 Jul 1986	S. Beesley
Belshaw's Quarry, Benson's Road, Lisburn	J2468	1976-1986	EHS
Ballylumford, Island Magee – meadow	D4301	1982	R. Piper
Larne River (Inver River) at Highwayman Inn	D389021	1985	Unknown
Springfield, Belfast	J311739	post-1987	R. Piper
White Park Bay	D023440	1992	Unknown

Origanum vulgare L. Wild Marjoram
AN Rare probably Neophyte

On old walls. Garden escape, well-established in some areas e.g. at Antrim where it has been known since 1886, and was still plentiful in 1997.

Location	Grid Ref	Date	Recorder
Antrim	J1586	1886	D. Redmond
Templepatrick – graveyard	J2385	pre-1895	R. Hanna
	J2385	1904	BNFC
Castle Upton, Templepatrick	J228858	1922	C.D. Chase
Montiaghs Moss ASSI	J093658	25 Jul 1985	Habitat Survey Team, EHS
Antrim Castle	J1487	31 May 1987	J.G. Angus, S. Beesley & A.G. Hill
	J146868	19 Jul 1987	S. Beesley & J. Wilde
Benvardin Gardens, Garry Wood	C946330	09 Jun 2000	W.I. McNeill

Orobanche hederae Duby Ivy Broomrape
NI WO Native
IRDB NT
AN Rare

Very rare. The only record for the north-east of Ireland is from Garron Point, where it has only been found recently.

Location	Grid Ref	Date	Recorder
Garron Point – base of chalk cliff by coast road on ivy	D2924	14 Aug 1999	D.T. Holyoak
	D302243	08 Oct 2003	P. Hackney
	D302243	21 Jul 2004	P. Hackney

Orobanche minor Smith Common Broomrape
AN Rare Native

Parasitic on leguminous plants, especially *Trifolium repens*. Found on recently disturbed waste ground and in cultivated fields.

Location	Grid Ref	Date	Recorder
Larne Harbour – west of Curran Road railway bridge (1973)	D411025	1973	D. Ledsham & J. Hopton
	D410024	Oct 1995	W.I. McNeill
Redlands, Larne Harbour – waste ground	D4002	20 Jul 1993	S. Beesley
	D410024	13 Oct 1995	W.I. McNeill
	D4002	14 Aug 1996	S. Beesley & J. Wilde
Ballycarry Station, Forthill – in garden shrubbery of station house	J462945	Aug 1997	R.W. Field

Orthilia secunda (L.) House — Serrated Wintergreen
NI WO; Priority; SOCC — Native
IRDB EN
AN Rare

Very rare in areas of basaltic rock. Only one recent site in Co. Antrim.

Location	Grid Ref	Date	Recorder
Agnew's Hill	D3301	c.1835	D. Moore
Glenarm Glen – exact station unknown	D31	c.1835	D. Moore
Sallagh Braes	D3406	c.1835	D. Moore
	D3405	1910	N. Carrothers
	D3405/D3406	between 1910 - 1937	Unknown in *Praeger & Megaw 1938*
Knockdhu – roadside	D3406	1910	A.W. Stelfox in **BEL**
gorge on Cranny Water, Garron Plateau, a little above junction with Pollan Burn; on cliffs on right side of river (1996)	c. D255178	1920	R.Ll. Praeger & A.W. Stelfox
	D255178	11 Apr 1996	H.J. Northridge, R.H. Northridge, R.S. Forbes & P. Hackney,

Papaver argemone L. — Prickly Poppy
UK VU — Archaeophyte
AN EX

Casual poppy of sandy or gravelly ground. There are records from the county in 1823, 1878 and 1890, but nothing since.

Location	Grid Ref	Date	Recorder
Curran Point, Larne Lough – gravel pit	D4101	1823	J. Templeton
	D4101	1878	T.H. Corry
	D4101	1890	R.Ll. Praeger
Malone, Belfast – cornfields	J3270	1823	J. Templeton
	J3270	1878	T.H. Corry
Glynn Village – railway bank	J408999	pre-1888	S.A. Stewart

Papapaver dubium subsp. ***lecoquii*** (Lamotte) Syme
AN DD — Archaeophyte

Only one record of the subspecies. Other records may have been overlooked, and recorded with the aggregate.

Location	Grid Ref	Date	Recorder
Rathlin Island	D15	01 Jun 1991	S. Beesley

Papaver rhoeas L. Common Poppy
AN Scarce Archaeophyte

Formerly a weed of arable fields but arable farming has declined greatly in the county, and the plant is now more often found as a casual of waste and disturbed ground. Hackney (1992) reported no records in Co. Antrim after 1970, but there have been several records since 1992 from tips and landfill sites.

Location	Grid Ref	Date	Recorder
Lisburn – south side towards Moira	J26	1796	J. Templeton
	J26	1895	R.Ll. Praeger
	J26	between 1935 & 1937	R.Ll. Praeger
Magheramorne, Ballylig – ballast heaps	J4398	pre-1888	
Rathlin Island	D0951	1923	S.A. Bennett, C.D. Chase & W.R. Megaw
Boucher Road, Belfast	J3171	1993	S. Beesley
Balmoral, Belfast	J3170	05 May 1994	S. Beesley
Malone Upper, Belfast	J3169	13 May 1994	S. Beesley
Docks area, Belfast	J3475	18 May 1994	S. Beesley
Botanic area, Belfast	J3372	24 May 1995	S. Beesley
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley
Throne Wood, Throne Hospital Grounds	J334805	18 Jul 2000	S.A. Wolfe-Murphy

Parapholis strigosa (Dumort.) C.E. Hubb. Hard-grass
AN Rare Native

Rare plant of salt marshes. Recorded in 18th century from Belfast Lough, but long gone from there and now only known from the shore of Larne Lough; last seen there in 1984.

Location	Grid Ref	Date	Recorder
Point Fields (Docks area), Belfast – recorded before site made into docks	J3475	1794	J. Templeton
Larne Lough – plentiful	J49	pre-1837	D. Moore
Larne Lough salt marsh, Ballycarry	J4694	pre-1938	R.Ll. Praeger
Larne Lough – shore below the Magheramorne quarry waste tip	J4498	1984	P. Hackney, S. Beesley, J. Wilde & D. Getty
Ballycarry	J49	30 Jul 1988	S. Beesley & J. Wilde

Parentucellia viscosa (L.) Careul Yellow Bartsia
AN Rare Native

In damp, open sandy or gravelly situations on the Lough Neagh shore only.

Location	Grid Ref	Date	Recorder
Churchtown Point, Lough Neagh – stony margins of basalt outcrop	J055850	1971	J. Harron
Shan Port, Lough Neagh – shore of Annaghdroghal	J078638	1978	J. Harron
Moyola Water Foot to Annaghmore House	H9790	21 Jul 1988	Habitat Survey Team, EHS

Persicaria amplexicaulis (D. Don) Ronse Decraene — Red Bistort
AN Rare — Neophyte

Only one site, just south of Whitehead Railway Station, where it has been established on the railway bank for many years. Of garden origin.

Location	Grid Ref	Date	Recorder
Whitehead Railway Station – roadside and railway bankside	J475916	1979	P. Hackney
	J475916	1989	P. Hackney
	J475916	02 May 2000	P. Hackney

Persicaria minor (Hudson) Opiz — Small Water-pepper
UK VU — Native
AN locally common

Formerly common on the shores of Lough Neagh and Lough Beg. This plant is listed here mainly because of its inclusion in Cheffings& Farrell (2005), although J. Harron (*in litt.*) comments that this species has declined remarkably in the last 20 years.

Location	Grid Ref	Date	Recorder
Antrim Bay, Lough Neagh – half mile north-west of Six Mile Water	J1287	pre-1900	J.H. Davies
Ballyscullion East, Lough Beg	H9895	pre-1937	R.Ll. Praeger
The Three Islands, Lough Neagh	J0085	pre-1937	R.Ll. Praeger
	J002855	22 Aug 1971	J. Harron
	J0085	1992	W.I. McNeill
Shane's Castle Park, Lough Neagh – sandy shore to south. Originally det. as *P. mite* (*P. laxiflora*) by Praeger, and published as such in *Praeger & Megaw 1938*	J1187	1937	R.Ll. Praeger det. D.A. Webb
Conn's Point, Lough Neagh	J022849	1969	J. Harron
Sandy Bay, Lough Neagh	J122732	20 Jul 1969	J. Harron
	J17	17 Oct 1970	J. Harron
	J112715	10 Oct 1971	J. Harron
Brockish, Lough Neagh	H990885	28 Sep 1969	J. Harron
Hog Park Point, Lough Neagh	J078687	01 Aug 1970	J. Harron
The Green Beds, Lough Beg	H987968	09 Aug 1970	J. Harron
Tunny Point, Lough Neagh	J094706	17 Oct 1970	J. Harron
Creagh Bog	H9892	06 Jun 1971	J. Harron
Pollan Bay, Lough Neagh	H987865	04 Jul 1971	J. Harron
Bartin's Bay, Lough Neagh	J0765	31 Jul 1971	J. Harron
Drumraymond at Lough Beg	H990933	15 Aug 1971	J. Harron
east of Portlee Point, Lough Neagh	J024851	22 Aug 1971	J. Harron
Shan Port, Lough Neagh	J079637	20 Sep 1971	J. Harron

Location	Grid Ref	Date	Recorder
Lady Bay, Lough Neagh	J089692	10 Oct 1971	J. Harron
Portmore Lough	J1168	1973	J. Harron
Gilmore's Point, Lough Neagh	J0185	29 Jul 1973	J. Harron
Rea's Wood, Antrim Bay (Massereene)	J1485	1977	J. Harron
Randalstown Forest, Lough Neagh	J08	1985	Various
Antrim Town	J18	1987	BSBI Monitoring Scheme
Cranfield Bay, Lough Neagh	J056854	1986	D.S. Lambert & D.H. Riley
	J0585	1987	W.I. McNeill & D. McNeill
shoreline of Lough Neagh, south-west of Antrim	J103800	29 Jul 1988	J. Harron
Corbally House	J122836	03 Aug 1988	S. Beesley & J. Wilde
Ballyginniff Milltown, Lough Neagh	J105802	18 Aug 1988	S. Beesley & J. Wilde
Leathemstown Reservoir	J215725	1989	S. Beesley & J. Wilde
Hannahstown	J27	27 Sep 1989	S. Beesley & J. Wilde
Dock Area (Co. Antrim), Belfast	J3475	18 May 1994	S. Beesley & J. Wilde
River Lagan at Mazetown – ditch	J218623	1997	S.A. Wolfe-Murphy
Drumraymond Td. at Lough Beg	H988937	1999	J. Harron
Copeland Reservoir, Marshallstown	J4291	18 Sep 2001	S. Beesley

Phegopteris connectilis (Michaux) Watt — Beech Fern
AN Scarce — Native

Several sites in rocky areas on the Garron Plateau and the upper stretches of the glens.

Location	Grid Ref	Date	Recorder
Glenariff Forest Park & Glen – north branch of Glenarve River (1809); luxuriant (1901)	D2019	1809	J. Templeton
	D2019	1901	C.F. D'Arcy
	D2120	1908	W.J.C. Tomlinson
	D2019	1910	S. Wear
	D2019	pre-1922	W.H. Phillips & R.Ll. Praeger
	D2120	10 Aug 1978	P. Hackney
	D205205	04 Jul 1987	BNFC
	D215205	1998	W.I. McNeill & P. Green
Glenaan River – ½ mile from Cushendall	D22	pre-1825	J. Templeton
by water fall on Inver river above Glenariff	D395023	pre-1887	R.Ll. Praeger
Carnlough River	D21	pre-1887	R.Ll. Praeger
Linford Water	D310086	pre-1887	R.Ll. Praeger
Slievenanee, Newtown-Crommelin	D1621	pre-1887	S.A. Brenan
Trostan	D1723	pre-1887	R.Ll. Praeger
Glendun	D164275	1920	S.A. Brenan & C.D. Chase
Little Trosk, Carnlough – north-east slopes	D263196	1920	R.Ll. Praeger & A.W. Stelfox
	D263195	04 Aug 1990	W.I. McNeill & J. Harron

Location	Grid Ref	Date	Recorder
Big Trosk – near north and south-east sides	D269202	1920	R.Ll. Praeger & A.W. Stelfox
Pollan Burn, Garron Plateau – base of dry stone wall (1921); scarp to west (1949)	D2518	1921	R.Ll. Praeger
	D2518	1949	A.W. Stelfox
	D21	1974	J. Hopton & D. Ledsham
	D21	13 Aug 1989	D. Ledsham
Glencloy	D21	pre-1938	R.Ll. Praeger
Eagle Craig, Garron Plateau – below Binnagee	D265178	1948	M.P.H. Kertland
Inver River glen, Glenariff	D218190	12 Jun 1983	R. Anderson
Glendun River	D177297	06 Oct 1984	J. Harron
rocky outcrop above Carnlough	D287181	1989	BSBI
	D287181	1989	BNFC
Beaghs Burn, Glendun River	D177297	15 Aug 1999	J. Harron
Cranny Falls, Carnlough	D271184	13 Apr 2002	W.I. McNeill
	D271184	03 Jun 2002	W.I. McNeill

Phleum arenarium L. Sand Cat's-tail
AN Scarce Native

Coastal dunes and sandy areas. Possibly under-recorded.

Location	Grid Ref	Date	Recorder
Portrush Golf Course	C8740	1920	S. Wear
	C84	09 Jun 1988	D.H. Riley
Langford Lodge, Lough Neagh	J0973	1989	S. Beesley & J. Wilde
Portnaboe, Weir's Snout, Giant's Causeway	C943445	16 Jul 1991	E. Porter & I. Crawford
	C943443	16 Jul 1991	E. Porter & I. Crawford
Lissanduff	C9342	06 Aug 1994	S. Beesley
Newmill – Parkgate	J28	27 Jul 1996	S. Beesley & J. Wilde

Phleum bertolonii DC. Smaller Cat's-tail
AN DD Native

Roadside verges and grassy areas and fields. Formerly not separated from *P. pratense*, so the distribution cannot be assessed accurately. Recent records are listed below. Non-native agricultural strains complicate the assessment.

Location	Grid Ref	Date	Recorder
Ballyarnot, Dunore River	J18L	29 Jul 1988	J. Harron
Crow Glen, Wolf Hill	J27	1989	A.G. Hill & BSBI
Cave Hill	J3278	pre-1990	D.S. Lambert

Picris echioides L. Bristly Oxtongue
AN Rare Status uncertain
NI Priority: SOCC

On bare or disturbed ground in an area where it has been known since the 19th century. The number of plants is very variable. Recorded frequently from the area inland of the coastal path Whitehead to Blackhead. Also recorded from the railway track-side at Cloghan Harbour (c. 2 km. south-west of the above site). In 1991, there was much disturbance associated with repairs to the Harbour, and the plant appeared in large quantity. There is also a casual record from a temporary car park in Belfast. According to Praeger & Megaw (1938), this species is introduced, but Hackney (1992) treated it as native in the Whitehead area. In fact, it is probably an old introduction, perhaps archaeophyte.

Location	Grid Ref	Date	Recorder
between Castle Chichester & Black Head – abundant in field by shore	J49	1867	S.A. Stewart
Black Head – south side of headland (1975); rosettes of plant seen in 2005	J49	1867	S.A. Stewart
	J4791	1974	R.L. Streight
	J487934	26 Apr 1975	P. Hackney, S. Beesley & J. Wilde
	J49	09 Mar 1986	S. Beesley
	J49	05 Oct 1986	S. Beesley
	J4893	2001	S. Beesley
	J4893	03 Aug 2004	BNFC
	J4893	13 Jan 2005	B. Russell
Islandmagee – amongst briars on a bank by the shore near north end, not seen since	D40	pre-1888	S.A. Stewart
Cloghan Harbour – many dozen plants appeared in 1991 following disturbance of the chalky soil around this harbour (1991); approach to Harbour (2005)	J4690	03 Aug 1941	Unknown
	J467904	24 Oct 1991	P. Hackney
	J4690	01 Aug 1996	S. Beesley
	J4690	04 Sep 1996	S. Beesley & J. Wilde
	J4690	Oct 2005	R.W. Field
York Street, Belfast – east side of street at fence of temporary car park (not native)	J342754	1974	unknown

Pilosella x ***floribunda*** (Wimmer & Grab.) Arvet-Touvet
AN EX Neophyte

This alien hawkweed is listed as *Pilosella lactucella* in Hackney (1992), but Bowman & Sell (1993), who describe the history of this plant in Northern Ireland, and reported a second British locality in Hampshire, consider that it is a hybrid, probably *P. lactucella* (Wallr.) Sell & West x *P. caespitosa* (Dumort.) Sell & West. Specimens are in **BEL**, but were also distributed by the Botanical Exchange Club of the British Isles (under the name *Hieracium auricula*). Hackney (1992, 1995) summarises the Northern Ireland information.

First found in Whitewell Quarry in 1897. Later collections are somewhat ambiguously labelled, but seem to have come from Cave Hill Quarry. Later still, the plant was collected at Belfast Waterworks. The plant had probably died out at all these stations long before 1938.

Location	Grid Ref	Date	Recorder
Antrim Road Waterworks, Belfast	J3276	1867	S.A. Stewart
Whitewell Quarry – on debris	J3281	1897	S.A. Stewart
	J3281	1910	probably S.A. Stewart
Cave Hill Quarries	J319789	1901	S.A. Stewart
	J319789	1902	S.A. Stewart

Pilularia globulifera L. Pillwort
UK NT Native
NI WO
IRDB Rare
RoI FPO
AN EX

Formerly recorded in shallow water and drains in Lough Neagh. Last recorded in 1950 from Lady Bay, Lough Neagh. In spite of many searches, it has not been found since, and should now be considered as extinct in the county. The artificial lowering of the lake level may be partly or wholly responsible for this plant's demise on Lough Neagh; it was formerly present also on the Tyrone shores of the lake up to at least 1930 (Harron 1986).

Location	Grid Ref	Date	Recorder
Portmore Lough – drain by side of lough	J119686	pre-1837	D. Moore
Selshan Harbour, Lough Neagh	J0867	pre-1837	D. Moore
Lady Bay, Lough Neagh – pond on east side, in abundance (1946); sparingly at pond (Hacklin's Dub) on south side (1946)	J090693	1946	J. Heslop-Harrison
	J0969	27 Apr 1946	R.D. Meikle
	J090693	19 May 1946	E.N. Carrothers
	J090693	1950	Unknown

Pimpinella saxifraga L. Burnet Saxifrage
AN Scarce Native

Dry ground on some basaltic scarps and hills, but not on the extensive range of escarpments along the coast north of Belfast Lough. Also found occasionally on roadsides and dry pastures.

Location	Grid Ref	Date	Recorder
Colin Glen (main glen), Belfast	J2672	1863	H. Robinson
Knockagh, north-west of Greenisland	J3686	pre-1864	W. Millen
quarry at White Mountain near Lisburn	J2367	1871	S.A. Stewart
Cave Hill – pastures (1878); near caves (1983)	J3279	1878	T.H. Corry
	J3279	1907	S. Wear
	J325798	1983	P. Hackney
Antrim – pastures	unknown	1886	R.Ll. Praeger
Castlerobin	D4403	pre-1888	S.A. Stewart
Carnmoney Hill, Belfast	J3183	pre-1888	S.A. Stewart
Whitewell Quarry	J3281	1893	S.A. Stewart
Rasharkin	C91	pre-1895	R.Ll. Praeger
near Broughshane	D1506	pre-1895	M.C. Knowles
Blackrock Bay, Lough Neagh	J072862	30 May 1970	J. Harron
Hazelwood at Cave Hill	J3280	21 May-18 Jul 1985	Habitat Survey Team, EHS

Location	Grid Ref	Date	Recorder
Dunloy Bog ASSI	D035195	Sep-Oct 1985	Habitat Survey Team, EHS
Cranfield	J08	pre-1986	J. Harron
Newtown-Crommelin	D11	1987	BSBI Monitoring Scheme
Lisbreen, south-east of Martinstown	D11L	22 Jun 1988	J. Harron
Slane, north-east of The Sheddings	D260119	1989	J. Harron
Caldanagh Bog ASSI	D020207	28 Sep 1995	Habitat Survey Team, EHS
Dunloy Village	D009180	Jul 2000	W.I. McNeill & A. McNeill
Castletown, north-east of Ballynure – acidic pasture with base-rich lower slopes	J343949	2002	R. Ellis

Plantago media L. Hoary Plantain
AN Scarce Neophyte

Occasional as weed of re-sown grassland or waste ground. Does not appear to become established.

Location	Grid Ref	Date	Recorder
Curran of Larne	D40	02 Jul 1889	S.A. Stewart
Lambeg	J26	Jun 1895	J.H. Davies
Lisburn – lawn	J26	c. 1900	J.H. Davies
Ballymena	D10	1900	M.C. Knowles
Stranmillis	J3470	1908	N. Carrothers
Lough Neagh at Antrim	J18	1921	W.R. Megaw
Strathearn, Finaghy	J37	1945	W.R. Megaw
Scawt Hill	D335077	1978	Unknown
Fair Head & Murlough Bay (National Trust)	D185430	May 1985	J.A. Lister
Cave Hill	J318798	Nov 1991	J. McAdam
Pond Park, Lisburn	J259657	16 Sep 1992	S. Beesley & J. Wilde

Platanthera bifolia (L.) Rich. Lesser Butterfly-orchid
UK VU Native
AN –

Listed as 'Vulnerable' in Cheffings & Farrell (2005), but otherwise fails the criteria for inclusion in this *Register*. A frequent orchid of heathy pastures.

Location	Grid Ref	Date	Recorder
Hannahstown	J2673	1878	T.H. Corry
	J27	30 May 1985	Various
Cushendall	D2327	pre-1888	R.Ll. Praeger
Killagan	D0421	pre-1895	R.Ll. Praeger
Giant's Causeway	C9545	pre-1895	R.Ll. Praeger
Agnew's Hill	D3301	1895	R. Hanna
Shane's Castle Estate, Lough Neagh	J1387	1895	W.R. Megaw
Ballyboley, 6km north of Ballyclare	J3195	1907	W.J.C. Tomlinson
Rathlin Island	D15	between1923 and 1924	S.A. Bennett, C.D. Chase & W.R. Megaw
	D111509	26-28 Jun 1969	P.J. Newbould
Hawks Hollow, Chimney Tops, Benbane Head	C953452	1961	Mr Henderson

Location	Grid Ref	Date	Recorder
Glenariff ASSI	D220230	20 Jul 1968	Habitat Survey Team, EHS
	D215207	20-23 May 1986	Habitat Survey Team, EHS
Araboy, 6km east of Bushmills	C9840	1983	H.D. Megaw
Glenstaghey, 1.5km west of Kinbane Head	D0743	1983	H.D. Megaw
Maghralough, Coolmaghra	D0742	1983	H.D. Megaw
Newtown-Crommelin	D11	1987	BSBI Monitoring Scheme
Newtownabbey	J38	07 Jul 1987	S. Beesley & J. Wilde
	J38	15 Jun 1988	J. Wilde, P. Bailey & S. Beesley
Lisbreen, 1km south-east of Martinstown	D11L	22 Jun 1988	J. Harron
Budore Bridge, Crumlin River	J27	1996	J. Harron
Kebble, Rathlin Island	D05	unknown	Habitat Survey Team, EHS
Doonan, Upper Glencloy	D271236	1989	J. Harron
Long Mountain south, Crushybracken, 3km east of Rasharkin	D0114	1986	J. Harron
Lannimore Hill at Ballintoy	D047035	1995	J. Harron
Clogh Mills	D01	27 Jun 1990	S. Beesley & J. Wilde
	D01	17 Jun 1992	S. Beesley & J. Wilde
Carnsampson, 1km west of Ballycastle	D04	12 Sep 1990	S. Beesley & J. Wilde
Ballycraig	C9716	1992	W.I. McNeill & D. McNeill
	C977165	11 Aug 1997	W.I. McNeill
Montiaghs Moss ASSI	J093660	1985	Habitat Survey Team, EHS
	J094655	18 Jun 1985	Habitat Survey Team, EHS
	J087647	23 Jul 1985	Habitat Survey Team, EHS
Montiaghs Moss ASSI – 3 sites in 1km square	J0965	23-25 Jul 1985	Habitat Survey Team, EHS
Montiaghs Moss ASSI	J089650	24 Jul 1985	Habitat Survey Team, EHS
	J099662	26 Jul 1985	Habitat Survey Team, EHS
	J091647	30 Jul 1985	Habitat Survey Team, EHS
	J087656	30 Jul 1985	Habitat Survey Team, EHS
Montiaghs Moss ASSI – common around rough vegetation beside pools	J0965	02 Jun 1990	R. Thompson
Montiaghs Moss ASSI	J0965	01 Aug 1990	S. Beesley & J. Wilde
Slievenacloy ASSI	J219710	30 Jun 1998	G.V. Day
	J2470	25 Jun 2002	P. Hackney & R. Piper
Hightown landfill site	J2980	Jul 2001	S. Beesley & J. Wilde

Platanthera chlorantha (Custer) Reichb. Greater Butterfly-orchid
UK NT Native
AN –

Listed as 'Near Threatened' in Cheffings & Farrell (2005) but otherwise fails the criteria for inclusion in this *Register*. A frequent orchid of heathy pastures, like the last.

Location	Grid Ref	Date	Recorder
Roughfort	c. J2684	1863	H. Robinson
Belfast Castle Estate	J3279	1871	H. Robinson
Black Mountain	J2974	1873	S.A. Stewart
Glenariff	D12	1893	W.A. Shoolbred
Sallagh Braes	D3405	pre-1888	S.A. Stewart
Drumdarragh Hill	J2394	pre-1888	S.A. Stewart
Shane's Castle Estate, Lough Neagh	J1387	pre-1888	S.A. Stewart
	J1387	1908	W.J.C. Tomlinson
Squire's Hill	J3078	1893	S.A. Stewart
Cushendun	D2535	pre-1895	S.A. Brenan
above Whitewell Quarry	J3281	1911	S. Wear
Aghalee	J1164	1952	J.E. Greer
Carnlough	D21	Jul 1956	M.P.H. Kertland & J.E. Greer
Glenarm Park	D31	1964	M.P.H. Kertland
	D31	pre-1979	Mid-Antrim Field Club
	D31	24 Jul 1991	S. Beesley & J. Wilde
	D31	1993	I. Rippey
	D315105	1993	Ulster Wildlife Trust
Ballyscullion East, Lough Beg	H986945	24 Jun 1973	J. Harron
Carrickarade Island	D062450	pre-1983	H.D. Megaw
Fair Hill, Ballynure	J343953	1985	P. Hackney & A. Newton
Montiaghs Moss ASSI	J092654	23 May 1985	Habitat Survey Team, EHS
	J094655	18 Jun 1985	Habitat Survey Team, EHS
	J089650	24 Jul 1985	Habitat Survey Team, EHS
	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J093652	02 Jun 1990	R. Thompson
Hannahstown	J27	30 May 1985	Various
Larrybane Bay	D0545	Jun 1985	P. Hackney
Newtown-Crommelin	D11	1986	Various
	D11	1987	BSBI Monitoring Scheme
Ballyconagan, Rathlin Island	D145524	10 Jul 1986	Habitat Survey Team, EHS
Ballycastle	D14	1987	BSBI Monitoring Scheme
Newtownabbey	J38	07 Jul 1987	S. Beesley & J. Wilde
Lisbreen, 1km south-east of Martinstown	D11L	22 Jun 1988	J. Harron
Ballyclare	J29	01 Jul 1989	S. Beesley & J. Wilde
Kebble, Rathlin Island	D05	unknown	Habitat Survey Team, EHS

Location	Grid Ref	Date	Recorder
Slievenacloy ASSI – marshy grassland between road and stream (2002)	J2470	1989	S. Beesley & BNFC
	J219710	30 Jun 1998	G.V. Day
	J2470	25 Jun 2002	P. Hackney & R. Piper
Cave Hill	J318798	29 Jun 1990	A. Waterman
White Park Bay	D025440	12 Jul 1991	E. Porter & I. Crawford
	D022440	13 Jul 1991	E. Porter & I. Crawford
	D023440	09 Jun 1992	M. Flatt
Ballycraig, Craigs	C9716	1992	W.I. McNeill & D. McNeill
	C977165	11 Aug 1997	W.I. McNeill
Carrickarade and Larrybane	D04	10 Jun 1992	J.A. Lister & M. Flatt
Leathemstown Reservoir	J215725	22-28 Jul 1992	Habitat Survey Team, EHS
	J21727254	12 Jun 1997	P. Corbett & G. Watson
Feystown Nature Reserve	D3110	1993	I. Rippey
Lissanduff: east of raths	C930423	1994	H.J. Northridge
Thorny Hill, Ballygowan Hill	J351972	1997	W.I. McNeill & J. Harron
Glenballyemon	D214270	13 Jun 1997	R.J.H. Hamill
Stoneyford Reservoir – along eastern shore	J2169	24 Jun-01 Jul 1998	W.H. Veale & J. Malins
Lagmore Reservoir and adjacent valley	J275683	27 Aug 1999	S.A. Wolfe-Murphy
Ballycollin, 1km south of Hannahstown	J206708	25 Jun 2002	P. Hackney & R. Piper

Poa compressa L. Flattened Meadow-grass
AN Scarce Neophyte

Dry walls, banks and rocks (especially basaltic); probably under-recorded. Its most natural-looking site is on basaltic rocks on the Lough Neagh shore.

Location	Grid Ref	Date	Recorder
between Ballycastle & Ballintoy	D04 or D14	pre-1837	D. Moore
Lisburn – abundant on old wall beside convent	J2663	Jul 1899	J.H. Davies
Doagh – wall	J2689	1900	R.Hanna
between Glenavy & Sandy Bay – walls, farm	J17	1900	J.H. Davies & C.H. Waddell
east of Gray's Lane, North Belfast - under Collinward	J3379	1919	S.A. Bennett, C.D. Chase & W.R. Megaw
Macedon Point, Belfast Lough	J3581	1920	W.R. Megaw, C.D. Chase & S.A. Bennett
Ballyvorally, Lough Neagh	J1272	pre-1923	J.H. Davies
Lisburn – near site of old castle	J2663	between 1935 & 1937	R.Ll. Praeger
Franklin Street, Belfast – west end	J338738	1937	E.N. Carrothers
	J338738	1950	E.N. Carrothers
walls south of Garron Tower	D299237	1939	J.P.M. Brenan

Location	Grid Ref	Date	Recorder
Kilroot, Belfast Lough	J4489	1956	E.N. Carrothers & J.McK. Moon
Blackrock Point, Lough Neagh – basalt rocks	J078863	1981	J. Harron, det Nat.Hist.Museum herbarium staff, BM
	J078863	1998	J. Harron

Polygonum oxyspermum Meyer & Bunge ex Ledeb. Ray's Knotgrass
AN Scarce Native

Formerly frequent on sandy shores, but now much less common. A similar decrease has also been observed in Great Britain.

Location	Grid Ref	Date	Recorder
west of Ballintoy Harbour	D0345	pre-1837	D. Moore
	D0345	1985	S. Beesley
Red Bay, Waterfoot	D2425	1894	R.Ll. Praeger
Ballycastle	D1140	1894	R.Ll. Praeger
Kilroot, Belfast Lough	J4489	pre-1910	S.A. Stewart
Carnlough Bay	D2817	1910	C.H. Waddell
Cushendun	D2535	1956	M.P.H. Kertland
East Twin, Belfast Docks	J3676	1964	M.P.H. Kertland & BNFC
by harbour at Glenarm	D3015	1986	S. Beesley
White Park Bay	D01604399	1999	D.T. Holyoak & R.S. Weyl

Polypodium x ***font-queri*** Rothm. = *P. cambricum* L. x *P.vulgare* L. Font-Quer's Polypody
AN DD Native

This fern grows usually with or near the parents and is probably under-recorded by most observers. It was first recognized in the British Isles in the mid-1960's and is probably not very rare when growing with the parents. There is only one reliable record from Co. Antrim.

Location	Grid Ref	Date	Recorder
Woodburn Glen	J3889	1977	P. Hackney det. R.H. Roberts

Polypodium x ***shivasiae*** Rothm. = *P. cambricum* L. x *P. interjectum* Shivas Shivas' Polypody
AN DD Native

This fern grows usually with or near the parents, and is probably under-recorded.

Location	Grid Ref	Date	Recorder
Garron Point	D2922	1886	Unknown det. A.C. Jermy & D. Synnott
Glenoe Waterfall, Glenoe Water	J39	1970	J. Harron det. A.C. Jermy
The Gobbins cliffs, Islandmagee – north facing limestone crag	J4896	1976	P. Hackney det. R.H. Roberts

Location	Grid Ref	Date	Recorder
Woodburn Glen	J3889	1977	P. Hackney det. R.H. Roberts
Blackrock Point, Lough Neagh	J078864	1998	J. Harron

Potamogeton alpinus Balbis Red Pondweed
AN Rare Native

Rare pondweed of lakes, canals and slow rivers. There are several records from 1840 to 1950, but only one later record - by Sir G. Taylor from the Co. Antrim side of the River Lagan at Shaw's Bridge in 1952.

Location	Grid Ref	Date	Recorder
Ballymena	D10	1840	D. Moore det. J.E. Dandy
Lagan Canal, Belfast	J37	1866	S.A. Stewart det. J.E. Dandy
	J37	1894	S.A. Stewart det. J.E. Dandy
Six Mile Water at Templepatrick	J2385	1878	T.H. Corry
Glendun	D164275	pre-1888	S.A. Brenan
Lough Mourne	J4192	pre-1910	S.A. Stewart det. J.E. Dandy
Lagan canal at Lisburn	J2663	1941	Unknown det. P. Hackney
River Lagan just below third lock	J37	1941	Unknown
Shaw's Bridge, River Lagan	J325689	1952	G. Taylor

Potamogeton x ***cooperi*** (Fryer) Fryer = *P. perfoliatus* L. x *P. crispus* L. Cooper's Pondweed
AN Rare Native

Recorded in the Six Mile Water and connected waterways from 1882 to 1939. Also one report each from the River Lagan and a reservoir at Ballyboley.

Location	Grid Ref	Date	Recorder
Six Mile Water at Templepatrick	J2385	between 1882 & 1894	S.A. Stewart & R.Ll. Praeger
Six Mile Water at Antrim	J1486	between 1882 & 1894	S.A. Stewart & R.Ll. Praeger
Six Mile Water at Dunadry	J1984	between 1882 & 1894	S.A. Stewart & R.Ll. Praeger
Junction Doagh River & Six Mile Water	J2688	between 1882 & 1894	S.A. Stewart & R.Ll. Praeger
Six Mile Water at Doagh	J134868	between 1882 & 1894	S.A. Stewart & R.Ll. Praeger
Six Mile Water, Lough Neagh	J1386	1938	J.P.M. Brenan & N.D. Simpson
	J1386	1939	J.P.M. Brenan & N.D. Simpson
Below Shaw's Bridge, River Lagan	J325689	1952	G. Taylor in **BM**
Ballyboley Reservoir, Larne	D377045	1988	N.I. Lake Survey in **BEL**

Potamogeton x ***lintonii*** Fryer = *P. crispus* L. x *P. friesii* Rupr. Linton's Pondweed
AN Rare Native

A very rare pondweed which has only recently (1999) been reported from the county.

Location	Grid Ref	Date	Recorder
Three Mile Water (Manse Road to Mossley Mill)	J325828	17 Aug 1999	S.A. Wolfe-Murphy

Potamogeton x ***nitens*** G. Weber = *P. gramineus* L. x *P. perfoliatus* L. Bright-leaved Pondweed
AN Scarce Native

Lakes and slow-moving rivers where it is sometimes found with one or both parents.

Location	Grid Ref	Date	Recorder
near Antrim	J1586	unknown	S.A. Stewart
Six Mile Water at Dunadry – voucher in herbarium of Arthur Bennett according to Wear (1923)	J1984	1884	S.A. Stewart & S.A. Bennett
Selshan Harbour, Lough Neagh – voucher in **BM**	J0867	1952	T.M. Harris conf. J.E. Dandy
Ushet Lough, Rathlin Island	D1448	1988	N.I. Lake Survey
Cranfield Bay, Lough Neagh	J0585	1989	S. Beesley
	J08	1989	N.I. Lake Survey

Potamogeton x ***sparganifolius*** Laest. ex Fries = *P. natans* L. x *P. gramineus* L.
Ribbon-leaved Pondweed
AN probably EX Native

This hybrid was originally brought to P. Hackney's attention by J.E. Dandy in correspondence in 1976. Dandy referred to his having seen 'old specimens' from three sites on the River Maine and from Lough Neagh (presumably in the same vicinity).

Location	Grid Ref	Date	Recorder
River Maine at Ballymena	D10	unknown	Unknown (J.E. Dandy *in litt.*)
River Maine, Randalstown	c. J0890	unknown	Unknown (J.E. Dandy *in litt.*)
River Maine, Shane's Castle (perhaps same site as last?)	c. J0987	unknown	Unknown (J.E. Dandy *in litt.*)
Lough Neagh (probably near mouth of Maine?)	c. J0986	unknown	Unknown (J.E. Dandy *in litt.*)

Potamogeton x ***undulatus*** Wolfg. = *P. crispus* L. x *P. praelongus* Wulfen
UK VU Native
AN Scarce

These are the only Irish or British sites (it appears to be extinct at its sole locality in Great Britain). Restricted to the River Lagan, the Six Mile Water and Antrim Bay in Lough Neagh. Abundant in the River Lagan, but absent from the Lagan Navigation between Moira and Lough Neagh.

Location	Grid Ref	Date	Recorder
Molly Wards (First Lock), Stranmillis	J340713	1906	C.H. Waddell
Six Mile Water at mouth, Lough Neagh	J134866	1938	J.P.M. Brenan &. N.D. Simpson det J.E. Dandy
Six Mile Water at mouth, Lough Neagh	J134866	1939	J.P.M. Brenan & N.D. Simpson det. J.E. Dandy
mouth of side stream entering Six Mile water between Massereene Castle and Lough Neagh [*probably mouth of Plaskets Burn*]	J137872	1939	J.P.M. Brenan & N.D. Simpson det. J.E. Dandy
below Shaw's Bridge, Belfast	J325690	1952	G. Taylor in **BM** etc.
	J325690	Apr 1975	P. Hackney & R. Piper
River Lagan at Stranmillis	J3470	1970	P. Hackney det J.E. Dandy
	J3470	24 Jun 1973	P. Hackney
	J3470	1975	P. Hackney
	J3370	1975	P. Hackney
for 7.5km from Stranmillis to Magheralin, River Lagan, and in associated drainage ditches	J15/J26/J37	1973-1977	P. Hackney
Antrim Bay, Lough Neagh	J136865	1975	P. Hackney det. J.E. Dandy
River Lagan	J3469	1975	P. Hackney
	J3268	1975	P. Hackney
	J3369	1975	P. Hackney
River Lagan at Minnowburn Beeches - dredged midstream from the Co. Down bank	J324685	1987	C.D. Preston, P. Hackney *et al*.

Potamogeton x ***zizii*** Koch ex Roth. = *P. lucens* L. x *P. gramineus* L. Long-leaved Pondweed
AN Scarce Native

Scarce pondweed of lakes, canals and slow-moving rivers.

Location	Grid Ref	Date	Recorder
east side of Lough Beg near Toome	H9990	c. 1878	T.H. Corry det. J.E. Dandy
Lough Mourne	J4192	1880	S.A. Stewart det. J.E. Dandy
	J4192	1890	S.A. Stewart det. J.E. Dandy
Cranfield, Lough Neagh	J0585	1890	S.A. Stewart det. J.E. Dandy
	J0585	1897	S.A. Stewart det. J.E. Dandy
Crumlin Waterfoot	J1576	1894	S.A. Stewart det. J.E. Dandy
Shaw's Bridge, River Lagan	J325692	1952	G. Taylor
Selshan Harbour, Lough Neagh	J086684	1952	T.M. Harris conf. J.E. Dandy
	J0868	01 Aug 1990	S. Beesley & J. Wilde
Toome Bridge, Upper River Bann	H988906	between 1987 & 1999	W.I. McNeill, D. McNeill, A. McNeill & M. Tickner
Bartin's Bay, Lough Neagh	J06	1999	J. Harron

Potentilla fruticosa L. Shrubby Cinquefoil
UK NT Neophyte
AN Rare

Merely a garden shrub.

Location	Grid Ref	Date	Recorder
Waterworks Park and Westland Road open site, Antrim Road, Cliftonville, Belfast	J3277	18 Jun 1994	S. Beesley & J. Wilde

Potentilla x ***suberecta*** Zimm. = *P. erecta* (L.) Raeusch. x *P. anglica* Laich.
AN Rare Native

Recorded occasionally with parents. Intermediate in appearance between the parents, and probably overlooked by many recorders.

Location	Grid Ref	Date	Recorder
Glenshesk	D13	1893	W.A. Shoolbred det. E.S. Marshall
Portrush to Giant's Causeway area	C84 or C94	1928	I.M. Roper
Drumraymond at Lough Beg	H988937	1999	J. Harron
Gilmore's Point, Lough Neagh	J0185	1999	J. Harron
south-east of Portglenone	D002005	30 Aug 1999	J. Harron

Primula veris L. Cowslip
NI WO probably Neophyte
IRDB NT
AN Scarce

Very local. Pastures, meadows and other grassy habitats. Although native in some parts of Ireland, notably the limestone districts of the west and south, it is almost certainly only found in Co. Antrim as a garden escape, and rarely persists for more than a few seasons.

Location	Grid Ref	Date	Recorder
Glenarm Park	D31	1837	D. Moore
Castle Dobbs Estate	J4490	pre-1888	Unknown
	J4490	1920	Belfast Naturalists' Field Club
Cave Hill	J37	pre-1888	W. Millen
Whitehouse	J38	pre-1888	Anon. in herb. Belfast Nat. Hist. Soc. (in **BEL**)
Shane's Castle	J18	pre-1888	Unknown in *Stewart & Corry* 1888
Crumlin, in an old meadow but self-sown from a garden nearby	J17	1891	R.Ll. Praeger *in litt.*
Kilroot, Belfast Lough	J4489	1936	W.J. Sayers
Hollybrook, Randalstown - 'widespread and increasing'	J0890	1936	BNFC & W.J. Sayers
two fields opposite Dalway's Bawn, Bellahill - not seen since 1939 and probably not native	J443915	1939	N.F. McMillan
Jordanstown Railway Line, Jordanstown	J355851	1946	J.McK. Moon
McCartney's Bridge, Linford Water	D3108	24 Jul 1991	S. Beesley & J. Wilde
Altmore Glen, Torr Head	D2438	17 Jun 1992	J.A. Lister
Alexandra Park, Castleton Gdns, Cliftonville	J3376	16 May 1994	S. Beesley & J. Wilde
Cranny Falls, Carnlough – 300m up path to falls,	D268185	13 Apr 2002	W.I. McNeill

Location	Grid Ref	Date	Recorder
just before marshy ground, down path to right; growing on right hand side. Possibly planted			
Cranny Falls, Carnlough – spoil heaps	D273184	13 Apr 2002	W.I. McNeill
	D273184	03 Jun 2002	W.I. McNeill

Primula x ***polyantha*** Miller = *P. veris* L. x *P. vulgaris* Hudson
AN Rare Native

Recorded only once, with both parents.

Location	Grid Ref	Date	Recorder
Randalstown – with both parents	J0890	1936	W.J. Sayers

Pseudofumaria lutea (L.) Borkh. Yellow Corydalis
AN Scarce Neophyte

Garden escape on walls and bridges. Often persists for many years.

Location	Grid Ref	Date	Recorder
Langford Lodge, Lough Neagh	J0975	1864	S.A. Stewart
Crumlin	J1576	1864	S.A. Stewart
	J1576	1920	R.Ll. Praeger & A.W. Stelfox
	J1576	1989	S. Beesley & J. Wilde
Dervock	C9731	1915	J. Henry
	C9731	02 Jul 1991	S. Beesley & M. Beesley
	C93	22 Jul 1992	S. Beesley & J. Wilde
	C9731	1999	S. Beesley
Glenoe Village	J3996	1950	BNFC
	J3996	1989	S. Beesley & J. Wilde
	J3996	2001	S. Beesley
Carncastle	D3507	between 1966 & 1967	J. Harron
Donegore Hill – near church	J206877	1979	P. Hackney

Pseudorchis albida (L.) A. & D. Löve Small-white Orchid
UK VU Native
NI SOCC
AN Scarce

Mountain pasture or heath. Apparently greatly declined in its extent since the early 20th century.

Location	Grid Ref	Date	Recorder
Slemish Mountain – north side	D2205	1793	J. Templeton
	D221057	1897	S.A. Stewart
	D2205	1913	S.A. Bennett
Headwood, Six Mile Water	J3398	1793	J. Templeton
Scawt Hill	D3307	pre-1888	R.Ll. Praeger
Stoneyford	J2070	1888	R.Ll. Praeger
	J2070	1967	BNFC
Squire's Hill	J3078	1893	S.A. Stewart
White Mountain, Aughrim	J2367	pre-1895	R.Ll. Praeger
Glenariff	D12	pre-1895	S.A. Brenan
Cushendun	D2535	1895	S.A. Brenan
Black Mountain	J2974	1898	R. Hanna
Tait's Hill, Ballyrickard More	J359978	1904	C.J. Lilly
Spennin Hill, Ballybracken	J335959	1904	C.J. Lilly
Benmore or Fair Head	D177438	1905	N. Carrothers
Thorny Hill, Ballygowan Hill	J356970	1906	C.J. Lilly
Ballybracken, north-east of Ballynure	J3295	1907	W.J.C. Tomlinson
Sheepheads Hill	J2980	1907	W.J.C. Tomlinson
Rabbit Rock – south east of Lough Naroon	D008162	1907	W.J.C. Tomlinson
	D008162	pre-1923	N. Carrothers & W.J.C. Tomlinson
	D008162	02 Jul 1977	BNFC, P. Hackney, J. Wilde & D. Ledsham
Skerrywhirry Hill – north side	D2800	1908	W.J.C. Tomlinson
	D2800	1920	R.Ll. Praeger & A.W. Stelfox
Collinward at Newtownabbey	J3180	1908	W.J.C. Tomlinson
Cave Hill	J3179	1909	S. Wear
Whitewell Quarry	J3281	1911	S. Wear
Craigs, NNE of Rasharkin	C9717	1920	R.Ll. Praeger & A.W. Stelfox
Lough Naroon	D0016	1920	A.W. Stelfox & R.Ll. Praeger
	D0016	1983	T. Ennis & R. Piper
Tully Hill	D0002	pre-1923	W.R. Megaw
Agnew's Hill	D3301	1950	BNFC
west of Glenarm Forest	D31	1969	D.S. Lambert & M.P.H. Kertland
Ballintoy Demesne, east of White Park Bay	D0544	pre-1970	C.R. Nodder
White Park Bay ASSI – grassy hillside above the sea	D0143	pre-1983	H.D. Megaw
Collinward Hill, behind Belfast Zoo	J3280	1987	P. Bailey det. R. Piper
	J38	07 Jul 1987	S. Beesley & J. Wilde
	J38	15 Jun 1988	J. Wilde, P. Bailey & S. Beesley
White Park Bay – Ballintoy	D04	10 Jun 1990	S. Beesley
White Park Bay	D023440	1992	Unknown
Clogh Mills Village	D01	17 Jun 1992	S. Beesley & J. Wilde

Puccinellia distans (Jacq.) Parl. Reflexed Saltmarsh-grass
AN Scarce Native

Local plant of salt marshes and waste ground near the sea.

Location	Grid Ref	Date	Recorder
Queen's Quay, Lagan River	J345745	pre-1910	S.A. Stewart
River Terrace and old lock, Ormeau, Belfast	J345733	1913	S. Wear
Whiteabbey shoreline, Belfast Lough	J3582	1917	S. Wear
Macedon Point, Belfast Lough	J3581	1919	S.A. Bennett & C.D. Chase
Portballintrae Bay - wet clay slope below Bayhead House	C9242	1951	A.M. Irwin
south of Macedon Point, Belfast Lough	J3581	19 Jul 1985	Habitat Survey Team, EHS
North Foreshore Tip, Dargan Road, Belfast – landfill site	J3578	22 Aug 1994	J.K. Partridge & P. Hackney
	J3578	25 Aug 1995	J.K. Partridge & P. Hackney
near Central Station, Belfast	J3473	29 Jun 1995	S.A. Wolfe-Murphy
Kilroot, Belfast Lough	J439884	Aug 1998	W.I. McNeill

Pyrola media Sw. Intermediate Wintergreen
UK VU Native
NI Priority; SOCC
AN Scarce

In rocky shady glens, heaths, rock outcrops etc. A species which has been lost, apparently, from most of its pre-1950 sites. There has probably been confusion between this species and the commoner *P. minor* – it is possible that some of the *P. minor* locations refer to *P. media*.

Location	Grid Ref	Date	Recorder
High Wood, Headwood, Six Mile Water	J3398	1794	J. Templeton
Fair Head	D1843	1815	J. Templeton
Wolf Hill, Ligoniel	J2877	pre-1864	W. Millen
Crow Glen, Wolf Hill	J291769	pre-1864	F. Whitla
	J2976	1913	S.A. Bennett
Black Mountain	J2974	1872-1873	S.A. Stewart
Irish Hill, east of Ballyclare	J3390	pre-1895	W. Macmillan
Cairn Hill, south-east of Glenavy	J1971	pre-1895	W. Macmillan
Clinty Hill, north of Ballymena	D0907	1895	M.C. Knowles
Benmore or Fair Head	D1743	1906	W.J.C. Tomlinson
Lough Rocks	D014170	1907	W.J.C. Tomlinson
Divis Mountain – at base	J27	1908	W.J.C. Tomlinson
Rabbit Rock, Glenbuck	D0015	1908	W.J.C. Tomlinson
Ballyutoag above Ligoniel	J2879	1907	W.J.C. Tomlinson
	J2879	1911	S. Wear, S.
	J2879	1913	S.A. Bennett & N. Carrothers
Cunningham's Dam, Glarryford	D014140	1916	S.A. Bennett & A.W. Stelfox

Location	Grid Ref	Date	Recorder
Ballycraig Rock scarp at Craigs near Lough Naroon	C9716	1920	R.Ll. Praeger & A.W. Stelfox
by Glenwherry River	D275005	1920	R.Ll. Praeger & A.W. Stelfox
Ballybracken, north-east of Ballynure	J3295	pre-1923	W.J.C. Tomlinson
Skerrywhirry Hill	D2800	pre-1923	C.J. Lilly
Carrickfergus commons	J3892	pre-1923	C.J. Lilly
Broadstone, Craig's Wood	C978176	pre-1923	W.J.C. Tomlinson
Agnew's Hill	D3301	1950	BNFC
Hazel Wood at Cave Hill	J3280	pre-1966	M.P.H. Kertland
	J3280	21 May-18 Jul 1985	Habitat Survey Team (EHS) & S.A. Wolfe-Murphy
	D0114	28 Sep 1989	W.I. McNeill & D. McNeill
Glen Burn in the Braid	D239069	1984	J. Harron
Cleggan Water in the Braid	D231133	1984	J. Harron
Crushybracken, east of Rasharkin	D0114	1986	J. Harron
Cunninghams Dam, Glarryford	D0114	1986	J. Harron
Glenariff Glen	D205205	1990	British Bryological Society det. P. Hackney
Collinward Mountain	J316797	03 Oct 1991	S. Beesley & J. Wilde
basalt scarp east of Rasharkin	D0114	17 Jun 1992	S. Beesley & J. Wilde
Linford Water	D310086	03 May 1996	A. Waterman
Straidkilly	D300162	28 May 1998	R.J.H. Hamill
Hightown landfill site	J292803	03 Jul 2001	S. Beesley & J. Wilde

Radiola linoides Roth. Allseed
UK NT Native
AN Rare

Very small plant of sand dunes; possibly overlooked because of its small size. There are old records from Rathlin Island and Portrush dunes, but it is now only known at Runkerry dunes where it was first recorded before 1888.

Location	Grid Ref	Date	Recorder
Portrush dunes	C8740	pre-1837	D. Moore
	C8740	1930s	W.R. Megaw
Ushet Lough, Rathlin Island – shore	D1448	1882	S.A. Stewart
Runkerry dunes	C9343	pre-1888	R.Ll. Praeger
	C938430	28 Aug 1995	D. McNeill & W.I. McNeill

Ranunculus fluitans Lam. River Water-crowfoot
NI WO; Priority; SOCC Native
IRDB Rare
AN Rare

Only in one river - the Six Mile Water. First found by S.A. Stewart at Templepatrick in 1865. It was destroyed by pollution from bleachworks before 1883, but was re-found later at several places on the Six Mile Water between Dunadry and Lough Neagh. It has been regularly reported from

this stretch of river, where it grows with *Ranunculus peltatus* and *R. penicillatus.*

Location	Grid Ref	Date	Recorder
Six Mile Water at Templepatrick	J2286	20 Jun 1868	S.A. Stewart
Six Mile Water near Dunadry	J2085	17 Jun 1884	S.A. Stewart
Six Mile Water, Lough Neagh	J134866	May 1893-May 1897	C.H. Waddell
Dunadry Bridge, Six Mile Water	J200850	1908	W.J.C. Tomlinson
	J200850	1982	P. Hackney det. N.T. Holmes
Six Mile Water near Dunadry Station	J2085	16 Jun 1915	S.A. Bennett
Muckamore Bridge, Six Mile Water	J169855	21 Jul 1982	P. Hackney
Six Mile Water at Antrim Forum	J1486	1982	P. Hackney det. N.T. Holmes
	J146867	31 May 1987	J.G. Angus, S. Beesley & A.G. Hill
Tullyrusk Road, Dundrod	J196739	1994	BNFC

Ranunculus x ***kelchoensis*** S. Webster = *R. fluitans* Lam. x *R. peltatus* Schrank

Kelso Water-crowfoot

AN EX Native

A single specimen in **BEL** dated 1868 may be of this hybrid. S. Webster failed to find the hybrid when she revisited the site in 1986, although both parent species were present (Webster 1991).

Location	Grid Ref	Date	Recorder
Six Mile Water at Templepatrick	J2286	20 Jun 1868	S.A. Stewart det. (provisionally) S. Webster

Ranunculus x ***levenensis*** Druce ex Gornall = *R. flammula* L. x *R. reptans* L.
(listed under *R. flammula* L. var. *pseudoreptans* Syme, in Hackney (1992: 123)

Loch Leven Spearwort

AN Rare Native

Two specimens in **BEL** were assigned by Hackney (1992) to this hybrid. It should be noted that one of the supposed parents, *Ranunculus reptans,* has never been recorded in north-east Ireland, but this is typical of its sites in Great Britain and Ireland. The only other Irish station outside Co. Antrim is Lough Fea in Co. Londonderry. The Co. Antrim plants should be re-examined, as there is a possibility of confusion with various small decumbent and rooting forms of *Ranunculus flammula* (Gornall 1987).

Location	Grid Ref	Date	Recorder
Lennymore Bay, Lough Neagh – shore	J1175	29 Jul 1877	S.A. Stewart in **BEL** det P. Hackney
Toome, Lough Neagh shore	H99	c. 1972	D. Lambert
Loughnatrosk, Garron Plateau	D2719	04 Aug 1984	P. Hackney & R. Piper in **BEL** det P. Hackney

Ranunculus lingua L. Greater Spearwort

AN Scarce Native

Locally not uncommon around Lough Neagh, Broadwater Canal and Portmore Lough in natural situations. Very rare elsewhere.

Location	Grid Ref	Date	Recorder
by River Bann above Portglenone	C90	1796	J. Templeton
	C90	1930s	W.J. Sayers
Portmore Lough	J1168	1796	J. Templeton
	J119686	1867-1872	S.A. Stewart
	J1168	16 Jul 1899	S.A. Stewart
	J119686	Sep 1928	M. Duff
	J1168	between 1935 & 1937	R.Ll. Praeger
	J119686	May 1991	M. Tickner
	J119686	01 Jul 1991	Habitat Survey Team, EHS
	J119686	03 Jul 1991	N.I. Lake Survey
	J16	01 May 1992	M. Tickner
Rams Island off Feumore, Lough Neagh	J0972	pre-1864	G. Dickie
Shan Port, Lough Neagh	J078638	13 Jul 1866	S.A. Brenan
by Lagan canal south of Broadwater, Friar's Glen (Soldierstown)	J1562	06 Jul 1912	S.A. Bennett
	J149623	20 Aug 1972	P. Hackney
	J1462	01 Aug 1974	J. Wilde
	J147625	1985	I. Rippey
	J1462	03 Aug 1985	J. Wilde
	J147625	1988	S. Beesley
River Bush at Benvardin	C9433	pre-1923	J. Henry
Creagh Bog - old course of Bann	H9892	1943	E.N. Carrothers & J.McK. Moon
	H983923	1992	M. Tickner
Toome Bridge, Upper River Bann	H989908	Sep 1952	J.E. Greer
Lough Mourne	J4193	1971	J. Hopton
Upper Glen, Glenarm Park	D31	1979	Mid-Antrim Field Club
Langford Lodge, Lough Neagh – woodland pool	J0975	pre-1986	J. Harron

Ranunculus trichophyllus Chaix — Thread-leaved Water-crowfoot

AN Scarce — Native

Lakes and drains in shallow water. Not common, but may be under-recorded.

Location	Grid Ref	Date	Recorder
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	pre-1864	G. Dickie
	J1485	1977	J. Harron
Rathlin Island	D0951	27 Jun 1882	S.A. Stewart det. S. Webster
Selshan Harbour, Lough Neagh	J0867	pre-1888	S.A. Stewart
Lisnataylor, Killead	J1579	1908	W.J.C. Tomlinson
Leathemstown Reservoir	J215725	1989	S. Beesley & J. Wilde
Hannahstown	J27	27 Sep 1989	S. Beesley & J. Wilde
Crosshill Quarry	J1577	07 May 1992	S. Beesley & J. Wilde
Boyd's Quarry, Mallusk	J2783	25 Sep 1991	S. Beesley & J. Wilde
Dalway's Bawn, Bellahill – pond nearby	J4491	16 Jun 1999	S. Beesley & J. Wilde

Reseda lutea L. Wild Mignonette
AN Rare probably Neophyte

Very rare on open sandy ground. This species is regarded as an alien in Ireland.

Location	Grid Ref	Date	Recorder
Ballycastle – banks of river	D1140	pre-1864	*Dickie 1864*
	D1140	1921	S.A. Bennett & C.D. Chase
Magheramorne Quarry – ballast heaps, gone now	J4398	1865	S.A. Stewart
	J4398	1873	S.A. Stewart
	J4398	1886	R.Ll. Praeger
Larne	D40	pre-1888	S.A. Stewart
Royal Irish Distillery	J328736	1901	R. Hanna det. P. Hackney
Portrush dunes	C8540	1942	C.D. Chase
	C8740	1955	J.McK. Moon
Larne Harbour Station	D4102	1942	J.McK. Moon
Throne Wood, Throne Hospital Grounds	J334805	18 Jul 2000	S.A. Wolfe-Murphy

Rhamnus cathartica L. Buckthorn
AN Scarce Native

Occasional and local in scrub or woods near Lough shores, but decreasing. Recent records are all from around Lough Neagh and Lough Beg.

Location	Grid Ref	Date	Recorder
Portmore Wood – a seedling	J16	1794	J. Templeton
Creagh Bog	H9892	pre-1837	D. Moore
	H9892	1918	A.W. Stelfox
Selshan – abundant	J06	pre-1837	D. Moore
	J06	1915	S.A. Bennett
Shane's Castle	J18	1891	R.Ll. Praeger
Hog Park Point, Lough Neagh	J0767	1928	M. Duff
	J0767	1937	R.Ll. Praeger
	J074680	01 Aug 1970	J. Harron
	J0767	12 Jun 1977	I. Rippey
Connell Point, Lough Beg	H9894	1918	A.W. Stelfox
	H9894	1937	R.Ll. Praeger
Doon Point, Lough Beg	H988936	1970	J. Harron
Doorish Point, Lough Beg	H990931	15 Aug 1971	J. Harron
Ballyscullion East, Lough Beg	H986959	24 Jun 1973	J. Harron
Drumraymond at Lough Beg	H9993	1977	I. Rippey
	H986939	between 1987 & 1999	W.I. McNeill, D. McNeill, A. McNeill & M. Tickner
	H988937	1999	J. Harron
Selshan Harbour, Lough Neagh – several fine trees in a hedge near Selshan (1993). This hedge appears now (2005) to have been grubbed up and the trees destroyed	J0868	01 Aug 1990	S. Beesley & J. Wilde
	J084685	1993	P. Hackney, D.L. Kelly & D. Synnott

Rorippa islandica (Oeder ex Murray) Borbas Northern Yellow-cress
IRDB Rare Status unclear
AN Rare

Hackney (1992) stated that this species had not been found in north-east Ireland, but there are a few records confirmed by T.C.G. Rich. Although native in the west of Ireland, this species appears to have reached north eastern Ireland only recently, and occurs mainly in disturbed soils, often associated with livestock trampling or disturbance. J. Harron (*in. litt.*) has observed its introduction into gardens by means of horticultural peat. If it is an adventive, the conservation designations in e.g. Curtis & McGough (1988), are not relevant.

Location	Grid Ref	Date	Recorder
Grannystown	C992066	1996	W.I. McNeill & A. McNeill det. T.C.G. Rich
	C991066	1996	W.I. McNeill

Rosa x ***andegavensis*** Bast. = *R. stylosa* Desv. x *R. canina* L.
AN Rare Native

Very rare hybrid with only one detailed site.

Location	Grid Ref	Date	Recorder
Waterfall Road, Carnlough Glen, between town and Cranny Falls	D2818	03 Aug 1998	P. Hackney & C.R. Tyrie, conf. G.G. Graham & A.L. Primavesi

Rosa caesia subsp. ***caesia*** Smith Hairy Dog-rose
AN Rare Native

This subspecies is much less common than the other subspecies *vosagiaca* (*glauca*), with only two records from the county.

Location	Grid Ref	Date	Recorder
Cave Hill	J318798	1899	G.C. Druce
near Sheepheads, south of Mallusk	J2880	12 Aug 1991	S. Beesley

Rosa x ***dumalis*** Bechst. = *R. canina* L. x *R. caesia* Sm.
AN Scarce Native

Hybrids between *Rosa canina* and *R. caesia* are reported to be 'frequent' (Hackney 1992).

Location	Grid Ref	Date	Recorder
near Drumnagreagh	D31	14 Oct 1988	S. Beesley
Parishagh Wood	D3015	26 Aug 1997	P. Hackney
Carnlough Glen	D2818	03 Aug 1998	P. Hackney & C.R. Tyrie
	D271185	12 Oct 2003	G.V. Day
	D28641880	12 Oct 2003	G.V. Day
	D28611882	12 Oct 2003	G.V. Day
Nannys Cave, Red Bay – near cave on shore	D240257	28 Sep 2000	P. Hackney
Kilbride, west of Ballyclare	J242914	03 Aug 2003	W.I. McNeill
Straidkilly Nature Reserve	D30421634	12 Oct 2003	G.V. Day

Rosa x ***hibernica*** Templeton = *R. pimpinellifola* L. x *R. canina* L.
AN Rare Native

A record from a roadside hedge at Glarryford village in 1937 (R.Ll. Praeger) is considered to be uncertain. The hybrid was reported from Cranmore, Malone Road, Belfast in 1945/6 (R.D. Meikle) and 1960 (E.N. Carrothers), but could not be found by P. Hackney and C.R. Tyrie in 1989.

Location	Grid Ref	Date	Recorder
Glarryford village – 'close to *Rosa hibernica* but not identical' (Wolley-Dod)	D0512	1937	R.Ll. Praeger det. A.H. Wolley-Dod
Cranmore, Malone Road, Belfast – relic of Templeton's time in garden - could not be traced in 1989	J326710	between 1945 & 1946	R.D. Meikle
	J326710	1960	E.N. Carrothers

Rosa x ***involuta*** Smith = *R. pimpinellifola* L. x *R. sherardii* Davies
AN Scarce Native

This hybrid is considered to be probably frequent, and that many records attributed to *Rosa pimpinellifolia* x *R. mollis* = *R. sabini* Woods are in fact *R.* x *involuta* (Hackney 1992). The earliest confirmed record is from Collin Glen in 1893.

Location	Grid Ref	Date	Recorder
Colin Glen, Belfast	J27	1893	S.A. Stewart conf. R. Melville
	J270720	Aug 1985	R. Boyd
Glendun	unknown	pre-1895	S.A. Brenan conf. W.M. Rogers
undercliff at Knockagh	J38	1895	S.A. Stewart conf F. Crépin
Glenarm Park, near castle	D31	1895	H.W. Lett & C.H. waddell conf. F. Crépin
Linford Water - on the river side of the road about 100 yards from the bridge; last time seen dead, though may have suckered; gone by 1992	D311082	1970-1980	M.P.H. Kertland
Glenarm – layby on seaward side of road to Straidkilly	D304164	1986	P. Hackney & C.R. Tyrie in **BEL**
Portrush – in hedge	C84	1987	S. Beesley
Whiterocks – dunes	C8940	1988	D.H. Riley conf. G. Graham

Rosa x ***margerisonii*** (Wolley-Dod) Wolley-Dod = *R. pimpinellifolia* L. x *R. caesia* Sm.
AN Rare Native

Plants referred to hybrids between these parents are very variable in appearance.

Location	Grid Ref	Date	Recorder
Little Deerpark, Glenarm	D329144	pre-1837	D. Moore
Bellair Hill, Carnlough	D3015	1910	C.H. Waddell
Glenarm Bay, Glenarm – by upper road to Straidkilly	D305164	Aug 1986	P. Hackney & C.R. Tyrie conf. G. Graham
	D305164	03 Jul 2001	P. Hackney
	D305164	Jul 2004	P. Hackney

Rosa x ***praegeri*** Wolley-Dod. = *R. rugosa* Thunb. x *R. canina* L.
AN EX Native

Very rare hybrid with only one station. Found with both parents at Cushendun from 1927 to 1937 (Praeger 1927, 1928). However, in 1983 P. Hackney could find neither the hybrid nor *R. rugosa*, at this site, and it must therefore be considered extinct in the county. This was the type locality.

Location	Grid Ref	Date	Recorder
100 yards south-west of Anglican church, Cushendun	D247328	1927-1937	R.Ll. Praeger

Rosa x ***suberecta*** (J. Woods) Ley = *R. rubiginosa* L. x *R. sherardii* Davies
AN Rare Native

This hybrid is referred to by Ley (1907), but he gave no details of the specimen that he had seen. There is only one modern Co. Antrim record.

Location	Grid Ref	Date	Recorder
Unknown	unknown	pre-1907	*Ley1907*
R. rubiginosa x *R. sherardii* by road from Glenarm to Straidkilly	D3016	1990	P. Hackney

Rubus caesius L. Dewberry
AN Rare Native

Rare in the county, and in Northern Ireland generally. Old records may be of hybrids with other *Rubus* spp., or members of *Rubus* Sect. *Corylifolii* Lindl. – there are no vouchers for these.

Location	Grid Ref	Date	Recorder
Drumadarragh near Doagh	J2689	pre-1888	S.A. Stewart
from Larne to Giant's Causeway	C9545 to D4002	1901	F.A. Rogers
Ram's Island off Feumore, Lough Neagh	J0972	1912	J. Templeton
Glenarm beside upper inland road through Straidkilly	D3016	1985	A. Newton
Magheramorne Quarry waste tip, Larne Lough – old railway loading banks	J442984	29 Jul 2001	P. Hackney

Rubus fruticosus **agg**.

Information on the microspecies *of R. fruticosus* is generally sparse, and most of the apparently scarce or rare species are listed here as Data Deficient.

Rubus anisacanthos G. Braun
AN DD Native

Habitat data lacking.

Location	Grid Ref	Date	Recorder
Unlocalised	J39	1985	A. Newton

Rubus dasyphyllus (Rogers) E.S. Marshall
AN DD Native

Described as one of the commonest species in north-east Ireland in Hackney (1992), but recorded from only three 10 x 10 km grid squares in Co. Antrim.

Location	Grid Ref	Date	Recorder
Unlocalised	C94	1985	A. Newton
Unlocalised	D21	1985	A. Newton
Unlocalised	D31	1985	A. Newton

Rubus dunensis Rogers
AN DD Native

Apparently rare, in thickets, scrub or hedges.

Location	Grid Ref	Date	Recorder
Unlocalised	J39	1985	A. Newton
Unlocalised	J49	1985	A. Newton

Rubus echinatoides (Rogers) Dallman
AN DD Native

Hedges.

Location	Grid Ref	Date	Recorder
Unlocalised	C94	1985	A. Newton
Unlocalised	D22	1985	A. Newton
Unlocalised	D23	1985	A. Newton
Unlocalised	D31	1985	A. Newton
Unlocalised	J39	1985	A. Newton

Rubus hebridensis Edees
AN DD Native

Hedges.

Location	Grid Ref	Date	Recorder
Unlocalised	C94	1985	A. Newton
Unlocalised	D02	1985	A. Newton
Unlocalised	D03	1985	A. Newton
Unlocalised	D10	1985	A. Newton
Unlocalised	D22	1985	A. Newton
Unlocalised	J49	1985	A. Newton

Rubus infestus Weihe. ex Boenn.
AN DD Native

Apparently rare, in thickets, scrub or hedges.

Location	Grid Ref	Date	Recorder
Craiginorne – heath beside road from Ballynure to Larne	J347980	1985	A. Newton & P. Hackney
Glenarm Glen	D3011	1991	A.McG. Stirling

Rubus lanaticaulis Edees & Newton
AN DD Native

Apparently rare, in thickets, scrub or hedges.

Location	Grid Ref	Date	Recorder
abundant beside the Broadwater, Friar's Glen	J147625	1985	P. Hackney & C.R. Tyrie det. A. Newton
Unlocalised	D30	1985	A. Newton

Rubus latifolius Bab.
AN Scarce Native

Hedges, thickets etc.

Location	Grid Ref	Date	Recorder
Unlocalised	D03	1985	A. Newton
Unlocalised	D20	1985	A. Newton
Unlocalised	D22	1985	A. Newton
Unlocalised	D30	1985	A. Newton
Unlocalised	D40	1985	A. Newton
Unlocalised	J39	1985	A. Newton
Gobbins Road – hedge	J4798	1985	A. Newton

Rubus lettii Rogers
AN DD Native

No habitat details available.

Location	Grid Ref	Date	Recorder
Selshan, Lough Neagh	J0867	1925	H.J. Riddelsdell in **BM**

Rubus lindleianus Lees
AN DD perhaps EX Native

Apparently rare and extinct. There are old but unconfirmed records from various sites in the county in Praeger 1938.

Location	Grid Ref	Date	Recorder
Glenariff	D22	c.1894	W.A. Shoolbred
Glendun	c. D23	c.1894	W.A. Shoolbred
Cushendall	D22	1901	F.A. Rogers in *Rogers 1901*
Giant's Causeway	C94	1901	F.A. Rogers in *Rogers 1901*
shore of Lough Neagh, 3ml from Toome, but county is uncertain (may be Co. Londonderry)	H9990	1909	C.H. Waddell det. A. Newton

Rubus mucronulatus Boreau
AN DD Native

Heaths.

Location	Grid Ref	Date	Recorder
Craiginorne – heath beside road from Ballynure to Larne	J347980	1985	A. Newton & P. Hackney
Unlocalised (may be in Co. Londonderry)	C90	1985	A. Newton
Unlocalised (may be in Co. Londonderry)	C91	1985	A. Newton

Rubus nessensis W. Hall
AN DD but probably Rare Native

Old cut-over peat bogs

Location	Grid Ref	Date	Recorder
birch wood on cut-out bog; Sluggan Bog	J0992	1985	P. Hackney det. A. Newton

Rubus plicatus Weihe & Nees
AN DD Native

No data on habitat.

Location	Grid Ref	Date	Recorder
Ballymena	D00	1901	F.A. Rogers in *Rogers 1901*
Cushendall	D22	1901	F.A. Rogers in *Rogers 1901*
Giant's Causeway	C94	1901	F.A. Rogers in *Rogers 1901*
Unlocalised (may be Co. Down)	J16	1985	A. Newton
Unlocalised	D04	1985	A. Newton

Rubus radula Weihe ex Boenn.
AN DD Native

Old records in Praeger & Megaw (1938) and its predecessors include plants which belong under *R. echinatoides*.

Location	Grid Ref	Date	Recorder
Unlocalised	C94	1985	A. Newton
Unlocalised	D21	1985	A. Newton
Unlocalised	D30	1985	A. Newton
Unlocalised	J49	1985	A. Newton

Rubus raduloides (Rogers) Sudre
AN DD Native

Habitat data lacking.

Location	Grid Ref	Date	Recorder
Cave Hill	J3279	c. 1900	G.C. Druce in **OXF**

Rubus rhombifolius Weihe ex Boenn.
AN DD Native

Hedges.

Location	Grid Ref	Date	Recorder
Unlocalised	D30	1985	A. Newton
Unlocalised	D03	1985	A. Newton
hedge, farm lane near Tait's Hill	J3597	1985	A. Newton & P. Hackney

Rubus scissus W.C.R. Watson
AN DD but probably EX Native

Old cut-over peat bogs.

Location	Grid Ref	Date	Recorder
Toome Bridge (may be in Co. Londonderry)	H99	1898	G.C. Druce

Rubus vestitus Weihe
AN DD but apparently EX Native

The original records are to be found in Stewart & Corry (1888) and Wear (1923) under *R. leucostachys*.

Location	Grid Ref	Date	Recorder
Second Lock, Lagan Navigation	J337699	pre-1888	S.A. Stewart
Cave Hill	J3279	c. 1894	W.A. Shoolbred
near Larne	c.D40	c. 1894	W.A. Shoolbred
Glenariff	D22	c. 1894	W.A. Shoolbred

Rubus wirralensis Newton
AN DD Native

Hedges.

Location	Grid Ref	Date	Recorder
Unlocalised	C92	1985	A. Newton
Unlocalised	C94	1985	A. Newton
Unlocalised	D02	1985	A. Newton
Unlocalised	D22	1985	A. Newton
Unlocalised	D30	1985	A. Newton
Unlocalised	D31	1985	A. Newton

Rumex x ***ruhmeri*** Hausskn. = *R. conglomeratus* Murray x *R. sanguineus* L.
AN Rare or DD Native

Apparently rare but perhaps over-looked because of the similarity of the parent species.

Location	Grid Ref	Date	Recorder
Craigagh Wood, west of Cushendun	D226323	03 Jun 1986	A. McMullan & S.A. Wolfe-Murphy
north Loughan Bay – birchwood	D243380	03 Jun 1986	A. McMullan & S.A. Wolfe-Murphy
Glynn River	J396989	16 May 1996	P. Corbett & R.J.H. Hamill

Rumex x ***pratensis*** Mert. & Koch = *R. crispus* L. x *R. obtusifolius* L.
AN Rare or DD Native

Stace (1997) considers this to be the most common hybrid in the genus. It is therefore probably under-recorded in the county.

Location	Grid Ref	Date	Recorder
Ballyscullion East, Lough Beg	H9895	pre-1938	R.Ll. Praeger
Carravindoon, Rathlin Island	D156482	15 Jun 1986	Habitat Survey Team, EHS

Rumex pseudoalpinus Hoefft Monk's Rhubarb
UK NT Neophyte
AN Rare

This large *Rumex* has only one record. It must have been a relic of cultivation.

Location	Grid Ref	Date	Recorder
by small stream on Black Mountain	J2974	1957	J.H. Penson

Rumex x ***schulzei*** Hausskn. = *R. crispus* L. x *R. conglomeratus* Murray
AN DD Native

There is only one record for this hybrid, but is almost certainly under-recorded.

Location	Grid Ref	Date	Recorder
Three Islands, Lough Neagh	J0085	pre-1938	R.Ll. Praeger

Ruppia cirrhosa (Petagna) Grande Spiral Tasselweed
UK NT Native
NI Priority**;** SOCC
AN Rare

Brackish ponds and marshes. Found recently in Larne Lough where it has been recorded for over a century. Templeton reported the species from the Mile Water near Jennymount in 1794, but there are no further records from this site.

Location	Grid Ref	Date	Recorder
Milewater, lower portion near Jennymount	J345762	1794	J. Templeton
Magheramorne, Ballylig	J4398	1897	S.A. Stewart
Glynn, Larne Lough – brackish pool between railway and road at Glynn (1980 & 1988)	D4100	pre-1938	R.Ll. Praeger
	D4100	1980	P. Hackney
	D406005	05 Jul 1988	N.I. Lake Survey
Ballycarry	J4494	pre-1938	R.Ll. Praeger

Ruppia maritima L. Beaked Tasselweed
AN Rare Native

Brackish ponds and marshes. Very rare. This species has only been found once – at the same site as *Ruppia cirrhosa*. This may be due to difficulties in distinguishing between the species.

Location	Grid Ref	Date	Recorder
Glynn, Larne Lough	D4000	1989	N.I. Lake Survey

Ruscus aculeatus L. Butcher's-broom
Euro EC Habitats Directive Annex Vb Neophyte
AN Rare

Occasional garden escape or discard; may persist in some sites for several years. The EC Habitats Directive refers to native plants, and is not relevant to the Co. Antrim records.

Location	Grid Ref	Date	Recorder
Glynn River – one patch	J408998	1990	P. Hackney & C.R. Tyrie
McLoughlin's Corner	C945137	between 1987 & 1999	W.I. McNeill & A. McNeill
Ballycarry	J49	30 Sep 1989	S. Beesley
Rathlin Island	D149511	1997	M. Tickner
	D149511	Spring 2005	M. Tickner

Sagina subulata (Sw.) C.Presl. Heath Pearlwort
NI Priority; SOCC Native
AN Scarce

Local in a few rocky places by the sea.

Location	Grid Ref	Date	Recorder
Muck Island, Islandmagee	D4602	1804	J. Templeton
	D4602	18 Jul 1915	S.A. Bennett
	D4602	1915	S. Wear
Fair Head – burnt ground (1980)	D1843	04 Aug 1878	T.H. Corry
	D1843	1921	C.D. Chase
	D1843	1980	R.S. Weyl
	D14	1983	S. Beesley
	D1843	1983	S. Beesley
	D185430	May 1985	National Trust Biological Surveyor
	D185430	Aug 1988	Habitat Survey team, EHS
Rathlin Island	D0951	17 Jul 1882	S.A. Stewart
	D15	1981	H.D. Megaw
	D0951	1984	S. Beesley
Garron Plateau – track between Loughnatrosk and Lough Fine	D2720	15 Aug 1976	D. Ledsham
Loughnatrosk	D2719	1980	D. Ledsham
Brown's Bay, Islandmagee	D427034	1980	S. Beesley
	D427034	1981	S. Beesley

Location	Grid Ref	Date	Recorder
Giant's Causeway	C9545	1981	S. Beesley
	C9545	1984	S. Beesley
	C952452	Jun 1985	A. Farr & R. Boyd
Murlough Bay	D2041	1983	S. Beesley

Salix x ***calodendron*** Wimmer = *S. viminalis* L. x *S. caprea* L. x *S. cinerea* L. Holme Willow
AN Scarce Planted

This hybrid seems to be always planted, and apparently consists of a single clone. J. Harron reports 'fine single trunk trees along the Linford Water'.

Location	Grid Ref	Date	Recorder
Ardclinis, Garron Plateau	D2723	1910	C.H. Waddell
Linford Water	D3108	1984	J. Harron
	D310086	1985	J. Harron
Crockanroe, Ballylough – garden hedgerow	D0323	1985	D.H. Riley
	D0323	1986	D.H. Riley
Ballycastle	D1140	1988	D.H. Riley
Larne	D4002	1988	D.H. Riley
Lough Guile	D02	1988	S. Beesley

Salix x ***capreola*** J. Kerner ex Andersson = *S. caprea* L. x *S. aurita* L.
AN DD but probably Frequent Native

Although formal records of this hybrid are few, it is almost certainly a frequent hybrid which has been grossly under-recorded. J. Harron (*in. litt.*) comments that this hybrid may be closer to *Salix atrocinerea* x *S.aurita* x *S. caprea*, and this would help to explain how it is forming – all the material seen has been small with a distorted appearance.

Location	Grid Ref	Date	Recorder
Antrim Town	J1586	1987	S. Beesley
Glendun	D175291	1984	J. Harron
Glenmakeeran	D166389	1984	J. Harron
Glenballyemon	D202243	1984	J. Harron
Glenaan	D196282	1984	J. Harron
Milltown Quay, Lough Neagh – shoreline	J110809	29 Jul 1988	J. Harron

Salix x ***coriacea*** Forbes = *S. aurita* L. x *S. myrsinifolia* Salisb.
AN Rare Native

Rare hybrid found on mountain streamsides.

Location	Grid Ref	Date	Recorder
Slieveanorra Forest	D12	04 Jun 1985	Various
below Dungonnell Dam, Glenariff	D181174	21 Aug 1987	J. Harron
Glenbush, Bush River – below top waterfall, thinly	D136220	1989	J. Harron

Salix herbacea L. Dwarf Willow
AN Rare Native

Very rare. Local on high ground in the county. Only one site, where it has been known since 1809.

Location	Grid Ref	Date	Recorder
Slievenanee Mountain	D1621	1809	J. Templeton
	D1621	1920	S.A. Bennett
	D167213	1992	J. Harron

Salix x ***laschiana*** *Zahn* = *S. caprea* L. x *S. repens* L.
AN Rare Native

A striking little shrublet with rounded silvery leaves. Only one record known, and not listed in Hackney (1992). It is possible that this hybrid has been under-recorded, especially when growing with the parents.

Location	Grid Ref	Date	Recorder
Dungonnell, Glenariff	D1817	27 Aug 1987	J. Harron

Salix x ***latifolia*** Forbes = *S. caprea* L. x *S. myrsinifolia* Salisb.
AN Scarce Native

The headquarters of *Salix myrsinifolia* is in the upper Glenarm area where it occurs mainly as hybrids.

Location	Grid Ref	Date	Recorder
by Ballyemon waterfalls at head of Glenballyemon – one strong bush	D198237	1984	J. Harron
below Owencloghy Bridge, Owencloghy River	D273079	1984	J. Harron
by Owencloghy Water for a distance of more than 4km	D262065	15 Jul 1984	J. Harron
Ballynure	J39	08 Apr 1985	Various
below Dungonnell Dam, Glenariff	D181174	21 Aug 1987	J. Harron

Salix phylicifolia L. *sensu lato* Tea-leaved Willow
AN Rare Neophyte

Plants which are close to *Salix phylicifolia* L. occur in Glenravel along the Cargan Water. They show various degrees of hybridisation with other species and have sometimes been recorded as *Salix* x *laurina*. Sm. or *S.* x *ludificans* F.B. White (W.J. Harrron *in litt.*).

Location	Grid Ref	Date	Recorder
Cargan Water – several bushes along c.0.5 km of river between the lower end of Cargan village and confluence with Binvore Burn, forming low glossy thickets in places	D162176	09 Jun 1984	J. Harron
	D165182	15 Aug 1984	J. Harron
Legagrane Bridge, Cargan Water	D163176	27 Aug 1987	J. Harron
Cargan Water, below Legagrane Bridge, one bush	D163172	c. 1999	D.H. Riley
Cargan Water next to village	D163178	2002	W.I. McNeill & J. Harron

Salix x ***meyeriana*** Rostk ex Willd. = *S. fragilis* L. x *S. pentandra* L.
AN Rare probably Neophyte

This hybrid is usually found near the parents usually at lower altitudes. Meikle (1984) is of the opinion that it is introduced.

Location	Grid Ref	Date	Recorder
Upper Magheramorne Quarry, Ballylig – single tree, now felled but still alive, at edge of upper part of quarry	J429984	22 May 1994	P. Hackney conf. R.D. Meikle

Salix myrsinifolia Salisb. Dark-leaved Willow
NI Priority**;** SOCC Native
AN Scarce

River banks: not infrequent in the Glens of Antrim; especially concentrated in the glens of the Linford water and Skeagh Water. A lot of the *Salix mysinifolia* material seen in Co. Antrim seems to contain traces of other closely related sallows, especially of *Salix atrocinerea* and all of the bushes surviving on the Linford Water are hybrids.(J. Harron *in litt*.)

Location	Grid Ref	Date	Recorder
Skerries in the Braid valley – gone from the area according to Harron (*Hackney 1992*)	D10Z	pre-1825	J. Templeton
between Larne and Ballynure – may be hybrid with *S. aurita* (Meikle)	J39	pre-1837	D. Moore det. R.D. Meikle
Glendun near Cushendall	D2327	pre-1837	D. Moore
Glenoe – gone from the area according to Harron (*Hackney 1992*)	J3996	pre-1837	D. Moore
Altaguire Bridge, Altaguire Burn, Glendun River – below bridge, just one bush surviving on the bank of the flood stream	D178294	1977	S. Beesley
	D178294	06 Oct 1984	J. Harron
	D178294	01 Aug 1999	J. Harron
Owencloghy Bridge, Owencloghy River (Water) – easy reach of the Larne to Carnalbanagh Road, just above bridge	D273079	1984	J. Harron
	D273079	1985	J. Harron
Glenballyemon – rounded bush 2-3m tall	D2024	Aug 1985	D.H. Riley & R.D. Meikle
Dungonnell Dam, Glenravel – below dam	D181174	21 Aug 1987	J. Harron
Glenbush, Bush River – two bushes on the riverbank just below the top waterfall	D140219	1989	J. Harron
Larne River headwater	J356994	1990	J. Harron
Three Mill Dams, Ligoniel	J295775	1999	S.A. Wolfe-Murphy
headwater of Ballyemon River next to Retreat – above the big waterfall and the gorge	D198232	15 Aug 1999	J. Harron
Cross Water in Glenwhirry	D299001	2002	J. Harron

Salix x ***rubra*** Hudson = *S. purpurea* L. x *S. viminalis* L. Green-leaved Willow
AN Scarce Status uncertain – mostly planted

A tall shrub or small tree sometimes a relic of osier-beds. Probably mostly planted.

Location	Grid Ref	Date	Recorder
Lagan Meadows	J334706	1989	D.H. Riley conf. R.D. Meikle
Ballypalady	J2687	1989	D.H. Riley conf. R.D. Meikle
Ligoniel River	J300774	03 Sep 1999	S.A. Wolfe-Murphy
Duncan's Reservoir, Lisburn	J258657	06 Sep 1999	S.A. Wolfe-Murphy
Monagh By Pass, Turflodge	J295735	13 Sep 1999	S.A. Wolfe-Murphy
area west of Ballygomartin Reservoir, Blackmountain	J298746	22 Sep 1999	S.A. Wolfe-Murphy
Three Mile Water, west of railway to Hollybank School	J353835	22 Jun 2000	S.A. Wolfe-Murphy

Salix x ***subsericea*** Doell = *S. cinerea* L. x *S. repens* L.
AN Scarce Native

Occasionally found with parents, but likely to be under-recorded.

Location	Grid Ref	Date	Recorder
Skerry Water at Glenravel - above 250m	D146191	1984	J. Harron
Lower Inver River at Glenariff	D211191	1984	J. Harron
Glenwhirry River at Skerrywhirry	J291995	1984	J. Harron
	J291995	2000	J. Harron
Glenaan River at 200m	D191279	1984	J. Harron

Salsola kali L. Saltwort
UK VU Native
AN probably EX

On sandy sea shores. There are no records since 1956. The old sites have been visited often without any report of this species, which may therefore be extinct.

Location	Grid Ref	Date	Recorder
Ballycastle	D1140	pre-1864	H. Hincks
Cushendun	D259351	c. 1865	S.A. Brenan
Red Bay, Waterfoot	D2425	1865	H. Robinson
Cushendall	D22	pre-1888	*Stewart & Corry 1888*
Bush Foot, Bush River	C9342	pre-1895	R.Ll. Praeger
White Park Bay	D0143	pre-1895	R.Ll. Praeger
	D0244	Aug 1953	P. Jagoe
Portballintrae	C9242	1956	BNFC

Sambucus ebulus L. Dwarf Elder
AN Scarce Neophyte

Roadside banks, hedges and waste ground, usually near houses - sometimes persistent. Originally introduced and used as a medicinal plant. It has greatly declined since the previous century and is now very rare.

Location	Grid Ref	Date	Recorder
near Lisburn	J26	pre-1825	J. Templeton
near Ballymena	D10	pre-1833	*Kane 1833*
Black Mountain – north-east face	J27	pre-1863	R. Tate
	J27	1919	R. Bell
Antrim	J18	pre-1864	G. Dickie
Lylehill	J28	pre-1864	W. Millen
Culraney	D23	1878	T.H. Corry
Rathmore	J18	1884	BNFC
Dunadry	J28	pre-1895	R.Ll. Praeger
near Cushendall	D22	pre-1923	R.Ll. Praeger
near Cushendun	D23	pre-1923	R.Ll. Praeger
east coast of Islandmagee to south of The Gobbins	J4896	1972	J. Harron
east of Dunadry	J2085	1989	S. Beesley & J. Wilde
Minola Wood, south-west of Finvoy	C9418	06 Jun 1992	S. Beesley
Glenariff	D22	11 Aug 1996	S. Beesley & J. Wilde

Samolus valerandi L. Brooklime
AN Scarce Native

Rather rare but with an unusual distribution. It is recorded from the Lough Neagh and Lough Beg areas and locally from western part of the north coast, but has not been recorded from the coast between Belfast and Giant's Causeway. It is much more common on the Co. Down coast.

Location	Grid Ref	Date	Recorder
beside River Lagan in its tidal reaches – gone now	unknown	1797	J. Templeton
Lough Neagh shore north from Shan Port	J078638	pre-1888	S.A. Stewart
by Lough Beg	unknown	pre-1895	M.C. Knowles
Dunluce Castle	C9041	pre-1895	R.Ll. Praeger
Portrush	C8540	1909	S. Wear
	C84	1987	BSBI Monitoring Scheme
Doorish Point, Lough Beg	H994928	15 Aug 1971	J. Harron
Ballyscullion East, Lough Beg	H985954	24 Jun 1973	J. Harron
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
Giant's Causeway	C9545	1980	S. Beesley
Shanes Castle (in ruins), Lough Neagh shore	J116879	pre-1986	unknown
Ramore Head, Portrush	C8541	1987	D.S. Lambert
Drumraymond at Lough Beg	H988937	1989	S. Beesley
Portnaboe, Weir's Snout, Giant's Causeway	C943442	16 Jul 1991	E. Porter, I. Crawford
Runkerry (Bushfoot) Dunes	C934424	28 Aug 1995	W.I. McNeill & D. McNeill
	C9342	08 Jul 1997	Habitat Survey Team, EHS
Bush River	C93	24 Jul 1997	A. Waterman

Sanguisorba minor Scop. Salad Burnet
AN Scarce Neophyte

Local and uncommon. Hackney (1992) listed no record since 1895, and declared the species extinct in the county. However, since 1992 there have been records from recently grassed areas in Belfast. It appears that the origin of these recent reports is as a component of imported wild flower or grass seed mixtures.

Location	Grid Ref	Date	Recorder
Glenmore, Lisburn – confined to one meadow for three years, not reported since, and could not be found in 1937	J26	1892-1895	J.H. Davies
Alexandra Park, Cliftonville	J335764	1992	R. Scott det.P. Hackney
	J335764	Apr 1993	R. Scott det. P. Hackney
Ligoniel Park	J302776	1992	R. Scott det. P. Hackney
	J305769	Apr 1993	R. Scott det. P. Hackney
	J302776	26 Aug 1999	S.A. Wolfe-Murphy
Woodvale, Belfast	J3175	22 Sep 1993	S. Beesley & J. Wilde
Forth River upstream, Glencairn	J297767	10 Oct 2000	S.A. Wolfe-Murphy

Sanguisorba officinalis L. Great Burnet
IRDB VU Native
RoI FPO
NI Priority**;** SOCC
AN Rare

Very rare and local. Now only known from the Carnlough area where it was first recorded in 1873. Previously known from several sites in the area, but is now confined to one field near Ardclinis Parish Church just north of Carnlough. It has been lost from several similar pastures due to 'improvement' and reseeding.

Location	Grid Ref	Date	Recorder
Maddykeel	C9218	between 1832 & 1837	D. Moore
Agivey-Bann Bridge Bank sloping to the Bann one mile below Agivey	C9024	between 1832 & 1837	D. Moore
near Carnlough	D21	1873	A.G. More
Largy (Ardclinis) Church, Carnlough – meadow near church	D291194	1898	J. Adams
	D291194	1910	C.H. Waddell
	D291194	1946	J.McK. Moon
Bottle Point, Lemnalary by coast road at 40th milestone	D292192	1921	R.Ll. Praeger
small square field near Ardclinis Parish Church, Lemnalary, north of Carnlough – a little south of the church on opposite side of road	D28801894	c. 1980-1990	D. Ledsham
	D28801894	c. 1980-1995	P. Hackney
	D2819	17 Aug 2004	E. Muise & K. Keys

Saxifraga aizoides L. Yellow Saxifrage
NI WO Native
IRDB Rare
RoI FPO
AN Scarce

Confined to the north-eastern corner of the county, where it is locally common, usually by streams and damp areas. At Murlough Bay, it descends almost to sea level.

Location	Grid Ref	Date	Recorder
Murlough Bay – mostly on New Red Sandstone below the chalk cliffs of Crockanore – known here for many years	D1941	pre-1837	D. Moore
	D1941	pre-1864	H. Hincks
	D1941	1991	P. Hackney
Torr Head – by several streamlets on north side, on schistose rocks	D2240	pre-1878	T.H. Corry
	D2240	1886	R.Ll. Praeger
	D2240	1921	S.A. Bennett, C.D. Chase & J.R.H. Greeves
	D24	20 Aug 1990	S. Beesley & J. Wilde
Greenanmore, West Torr	D214407	1910	W.J.C. Tomlinson
	D214407	10 Aug 1996	P. Hackney, J.W.D. Semple & BSBI
Murlough Cottage, Fair Head & Murlough Bay (NT) on stream behind NT cottage at south end of the Bay	D199418	1978	P. Hackney & BNFC
Murlough Bay – very close to cliff face above main level of sheep grazing (1988)	D185430	May 1985	National Trust Biological Surveyor
	D14	24 Sep 1986	S. Beesley & M. Beesley
	D195416	13 Aug 1987	S. Beesley & J. Wilde
	D193417	27 Jul 1988	J. Harron
	D185430	Aug 1988	H abitat Survey Team, EHS
	D2041	16 Aug 1988	P. Corbett & K. Anderson
	D185430	1992	P. Jackson, M. Flatt & J.A. Lister
	D1941	15 Jun 1992	J.A. Lister & M. Flatt
	D2141	16 Jun 1992	J.A. Lister & M. Flatt
Ballyvoy, Carey River	D166403	16 Jun 1988	J. Harron
basalt cliffs 2km west of Torr Head	D223410	1989	S. Beesley & J. Wilde
Ess Bridge, Coolnagoppoge – on sheep eroded galcial till along river, two large clumps with other smaller patches	D175400	14 Aug 2002	ADAS Survey
	D175400	03 Sep 2004	M. Wright
	D175400	5 Oct 2005	M. Wright

Saxifraga hirculus L. Marsh Saxifrage
Euro listed in EC Habitats Directive Annex IIb, IVb Native
UK VU
NI WO; Priority; SOCC
IRDB EN
RoI FPO
AN Rare

Very rare and local plant of mountain bogs and flushes. Confined to two areas – near Lough Naroon and on the Garron Plateau. Probably now extinct at Lough Naroon. On the Garron Plateau, formerly known from two distinct sites – near Crockravar and near Collin Top – but can now only be found at the Collin Top site, where it is now protected from sheep grazing.

Location	Grid Ref	Date	Recorder
Lough Rocks	D0117	pre-1841	D. Moore
Lough Naroon – close to but not identical with Moore's earlier record from Lough Rocks area, now extinct here	D004170	1884	S.A. Brenan
half east of Crockravar Mountain, Garron Plateau (1886); a little east of top of Crockravar (1914)	D2420	1886	R.Ll. Praeger
	D237202	06 Jul 1914	S. Wear & A.W. Stelfox
Collin Top, ¾ mile NNE of Top – 74 & 130 plants (1999); small number of flowering plants (2003-2005)	D2217	Jul 1920	R.Ll. Praeger & A.W. Stelfox
	D222174	Aug 1955	M.P.H. Kertland & J.E. Greer
	D2217	1980	D. Ledsham
	D222174	1985	D. Ledsham, P. Hackney, S. Beesley, J. Wilde & A. Newton
	D222174	1996	D. Ledsham, P. Hackney & S.A. Wolfe-Murphy
	D222174	Jun 1999	P. Kelly & M. Wright
	D222174	Oct 1999	P. Kelly & M. Wright
	D222174	2003-2005	M. Wright

Saxifraga hirsuta L. Kidney Saxifrage
AN Scarce Neophyte

Specimens reported are usually garden cultivars or hybrids. An unusual form referable to this species, or perhaps *S. hirsuta* x *S. umbrosa*, according to D.A. Webb, was found in a ravine of the Douglas Burn, far from houses in 1981.

Location	Grid Ref	Date	Recorder
Ballygomartin River, Glencairn naturalised garden escape	J3075	1897	BNFC
Ballygomartin River, Glencairn – naturalised garden escape	J3075	1901	S.A. Stewart & R. Hanna
Whiteabbey woods on Belfast Lough shore (former small estates plantations) – naturalised garden escape; large form of cultivar	J3582	1977	P. Hackney, det. D.A. Webb
ravine at Douglas Burn, Antrim Hills – far from houses but a garden escape; unusual form, may be hybrid *S. hirsuta* x *S. umbrosa* according to Webb	J2299	1981	S. Beesley & J. Wilde det. D.A. Webb
Lough Guile	D064238	07 Aug 2001	W.I. McNeill

Saxifraga hypnoides L. Mossy Saxifrage
UK VU Native
AN Not rare

Quite common along the Antrim basalt scarp. Listed here only because of its inclusion in Cheffings & Farrell (2005).

Location	Grid Ref	Date	Recorder
Cave Hill	J3179	1797	J. Templeton
Sallagh Braes	D3405	1797	J. Templeton
	D3405	1997	W.I. McNeill & J. Harron
Knockagh, 1.5km north-west of Greenisland	J360868	pre-1863	Unknown
Garron Point, near Garron Tower	D299243	between 1935 and 1937	R.Ll. Praeger
	D290252	27 May 1985	I. Rippey
Whitewell Quarry	J3281	pre-1969	Unknown
Black Mountain	J2974	pre-1969	Unknown
Agnew's Hill – east face (1999)	D3301	pre-1969	Unknown
	D30	05 Jun 1999	D. McNeill & D. Weir
Knockdhu – basalt scarps, confined to inaccessible rocky sites due to excessive sheep grazing	D342067	06 Jun 1971	R. Anderson
	D3406	1987	S. Beesley
Garron Plateau	D266238	13-17 Jun 1977	Habitat Survey Team, EHS
	D267244	13-17 Jun 1977	Habitat Survey Team, EHS
	D290245	13-17 Jun 1977	Habitat Survey Team, EHS
	D253239	13-17 Jun 1977	Habitat Survey Team, EHS
Scawt Hill	D335077	1978	Unknown
	D30	04 May 1991	S. Beesley & J. Wilde
Upper Glendun valley – forestry road paralleling river, at head of Glendun	D1626	1980	S. Roberts
Carnlough	D21	1985	Various
Waterfoot	D24	1985	Various
Ballycastle	D14	1987	BSBI Monitoring Scheme
Larne	D30	18 May 1985	Various
Torr Head – confined to inaccessible rocky sites due to excessive sheep grazing	D223410	1985-1989	S. Beesley & J. Wilde
	D24	20 Aug 1990	S. Beesley & J. Wilde
Fair Head & Murlough Bay (National Trust)	D185430	May 1985	National Trust Biological Surveyor
	D185430	Aug 1988	Habitat Survey Team, EHS
	D185430	1992	P. Jackson, M. Flatt & J.A. Lister
	D1941	15 Jun 1992	J.A. Lister & M. Flatt
	D2141	16 Jun 1992	J.A. Lister & M. Flatt
Giant's Causeway – confined to inaccessible rocky sites due to excessive sheep grazing; Port Ganney screes (1992)	C952452	Jun 1985	A. Farr & R. Boyd
	C946444	17 Jul 1991	E. Porter & I. Crawford
	C9545	1992	Unknown
Doonameenock, Drumnagreagh	D33831189	19 Mar 1986	S.A. Wolfe-Murphy & P.J.T. Brain
Breesha Plantation, Fair Head & Murlough Bay	D195420	04 Jun 1986	S.A. Wolfe-Murphy & A. McMullan

Location	Grid Ref	Date	Recorder
Murlough Bay – chalk scree below cliff, confined to inaccessible rocky sites due to excessive sheep grazing	D14	24 Sep 1986	S. Beesley & M. Beesley
	D2041	1987	S. Beesley
	D190422	03 May 1987	H.D. Megaw
	D190422	24 May 1987	S. Beesley
	D190421	24 May 1987	H.D. Megaw
	D194417	13 Aug 1987	S. Beesley & J. Wilde
	D195416	27 Jul 1988	J. Harron
	D2041	16 Aug 1988	P. Corbett & K. Anderson
Lower Inver River at Glenariff – confined to inaccessible rocky sites due to excessive sheep grazing	D211191	1987	BNFC
Glenariff Glen – old spoil heaps (1998)	D21	04 Jul 1987	S. Beesley & BNFC
	D22002196	27 May 1998	M. Wright
Linford, 3km north-east of Capanagh Wood	D3307	17 Jul 1987	S. Beesley
Doon Burn, Glenariff River	D226204	1989	J. Harron
Tievebulliagh ASSI	D193267	28 Nov 1990	J. Harron
Rathlin Island Coast ASSI	D091510	27 Sep 1991	E. Porter & I. Crawford
Greenanmore, West Torr	D214407	10 Aug 1996	P. Hackney, J.W.D. Semple & BSBI
Galboly Upper, Garron Plateau – north facing slope	D2824	23 May 1999	G.W. Gordon
Lurigethan – base of scarp	D2225	05 Jul 2003	W.I. McNeill & J. Harron

Scandix pecten-veneris L. Shepherd's-needle
UK CR Archaeophyte
IRDB EX
AN Rare

Very rare, if not extinct, weed of arable fields. Formerly widespread with 19th century records from several places especially from near the north coast. Due to considerable reduction in arable farming in the county, there are few post-1950 records. It may be extinct in Ireland as a whole.

Location	Grid Ref	Date	Recorder
Glenarm	D31	pre-1864	F. Whitla
Lisburn lime quarries Ballymacash	J2565	pre-1867	G.C. Hyndman
Cushendall	D22	pre-1888	R.Ll. Praeger
The Gobbins, Island Magee	J4897	1892	C.H. Waddell
Carnlough	D2818	pre-1895	R.Ll. Praeger
Carrickarade and Larrybane	D0544	pre-1895	R.Ll. Praeger
Portballintrae	C9242	pre-1895	R.Ll. Praeger
Feigh, Dunseverick	C9844	pre-1895	R.Ll. Praeger
Brown's Bay, Island Magee	D4303	1905	C.H. Waddell
Rathlin Island	D05	1924	S.A. Bennett & C.D. Chase
Ballintoy Demesne, east of White Park Bay – field next to Coastguard Station	D0345	1966	E.N. Carrothers & C.R. Nodder
Murlough Bay – a wet hollow, with much Juncus rushes	D2041	19 Apr 1972	Unknown

Scirpoides holoschoenus (L.) Sojak — Round-headed Club-rush
UK EN — Neophyte
AN Rare

Casual of landfill sites.

Location	Grid Ref	Date	Recorder
Shore Road north/Old Landfill Site, Belfast	J3478	04 Jun 1994	S. Beesley & J. Wilde
Craigmore Quarry	J0591	26 Jul 1995	S. Beesley & J. Wilde

Scleranthus annuus L. — Annual Knawel
UK EN — Native
NI Priority; SOCC
AN Rare

Plant of dry sandy soils and sand and gravel pits. Hackney (1992) stated that the plant is frequent in Co. Down, but it is rare in Co. Antrim. There are old records from Rathlin Island, Shan Port, Islandreagh and locally on north coast sites e.g. Bushfoot dunes, but there are post-1950 records from only one site.

Location	Grid Ref	Date	Recorder
Islandreagh	J1985	1860-1869	M.J.B. Ward
Malone Park, Belfast	J37	1867	H. Robinson
Rathlin Island	D0951	pre-1888	S.A. Stewart
south-east of Toome	H9990	pre-1888	S.A. Stewart
Bush Foot, Bush River	C9342	pre-1901	Mrs Swan
Toome sandy fields by Bann opposite Toome	H9990	1918	A.W. Stelfox
Shan Port, Lough Neagh	J078638	1946	J.McK. Moon
Three Islands, Lough Neagh	J001853	31 May 1970	J. Harron

Sedum rosea (L.) Scop. — Roseroot
AN Rare — Native

Rare plant of basalt cliffs and rocks by the sea. Many sites are in quite inaccessible places. The plant seems to persist for a few years.

Location	Grid Ref	Date	Recorder
Slemish Mountain – south end	D2205	pre-1825	J. Templeton
Glenariff	D22	pre-1888	R.Ll. Praeger
Rathlin Island Coast ASSI – plentiful on steep cliffs	D0951	1898	S.A. Stewart
	D0951	1986	S. Beesley & BNFC
Grey Mans Path, Fair Head	D185434	1921	J.R.H. Greeves
	D185434	1982	P. Hackney
	D185430	May 1985	National Trust Biological Surveyor
	D185430	Aug 1988	Habitat Survey Team, EHS
	D185430	1992	P. Jackson, M. Flatt & J.A. Lister
Giant's Causeway – 10m above sea level	C947447	2003	B.J. Beesley
	C947447	2005	B.J. Beesley

Sibthorpea europaea L. Cornish Moneywort
IRDB Rare Neophyte
AN Rare

Native to Co. Kerry, but in Co. Antrim merely a colonist of lawns in one small area of Belfast. It is possible that these plants are descended from the original plants introduced by John Templeton to his gardens at Cranmore.

Location	Grid Ref	Date	Recorder
Cranmore, Malone Road, Belfast – formerly cultivated by J. Templeton, and persisted to 1947	J3271	pre-1825	J. Templeton
	J3271	1947	E.N. Carrothers
Lennoxvale, Malone Road, Belfast	J334720	1976	D. Getty
Sans Souci Park, Malone Road, Belfast – halls of residence, in lawns	J332719	1997	D. Getty

Silene gallica L. Small-flowered Catchfly
UK EN Neophyte
AN Rare

Casual weed of sandy ground and landfill sites.

Location	Grid Ref	Date	Recorder
Portrush dunes	C84	pre-1888	J. Henry
Millvale, Ballygallagh, Ballyclare – landfill site	J2990	25 Aug 1993	S. Beesley & J. Wilde

Silene* x *hampeana Meusel & K. Werner = *S. dioica* (L.) Clairv. x *S. latifolia* Poiret

Several observers have reported pink Silenes as this hybrid, but these may be pink forms of *Silene dioica*, and have not been included here pending further investigation (Stace 1975: 169)

Silene noctiflora L. Night-flowering Catchfly
UK VU Neophyte
AN EX

A very rare casual recorded from sandy fields and waste ground.

Location	Grid Ref	Date	Recorder
Curran of Larne	D4102	pre-1895	S.A. Stewart & R.Ll. Praeger
Stranmillis area, Belfast	J340708	1910	N. Carrothers

Sisyrinchium bermudiana L. Blue-eyed-grass
NI WO; Priority; SOCC Neophyte
IRDB NT
AN EX

Very rare. The only two records for Co. Antrim are probably of plants of garden origin. Searches failed to re-find the plants at both sites. Now probably extinct. The conservation categories denoted above apply to native plants.

Location	Grid Ref	Date	Recorder
Shane's Castle Estate, Lough Neagh shore	J118880	1906	W.J.C. Tomlinson
Cloghan Point, south-west of Whitehead Station – searched for subsequently, but never refound. The site was on steep clay slope on inland side of railway (P. Hackney)	J468905	1961	H.G. Heal

Sorbus aria Crantz sens. str. Whitebeam
AN Rare probably Native

Very rare, and restricted as a probable native to the Garron Tower area, except for one record from Glendun. Also reported from an inaccessible basalt cliff at Carrick-a-Rede in 1883 by T.H. Corry, but this may refer to the aggregate species (Praeger 1937c). *S. aria* is commonly planted as an ornamental tree. It is probable that these planted trees are of foreign origin.

Location	Grid Ref	Date	Recorder
Glendun	D23	1868	S.A. Brenan det. T.C.G. Rich 2004 (**BEL**)
Toome Bridge, Upper River Bann (but may be Co. Londonderry)	H99	18 July 1914	S.A. Bennett det. T.C.G. Rich 2004 (**BEL**)
chalk cliff by road behind Garron Tower stables – 2 small trees	D298238	13 Oct 1936	R.Ll. Praeger, det.E.F. Warburg 1956; conf. T.C.G. Rich 2004 (**BEL**)
garden wall, Garron Tower	D298238	1936	R.Ll. Praeger
in rough ground among scrub and planted trees behind Garron Tower stables – 2 large trees just inside demesne wall	D299238	1936	R.Ll. Praeger
basalt cliff ½ ml north of GarronTower	D2923	1936	R.Ll. Praeger det. E.F. Warburg & A.J. Wilmott
steep slope or cliff above Garron Tower – several trees	D299237	1987 & 1991	P. Hackney & C.R. Tyrie
wood in steep slope below Garron Tower above Coast Road	D299237	pre-1992	S. Beesley

Sorbus hibernica E. Warb. Whitebeam
NI Priority; SOCC Native
AN Rare

Known only from the Drumnasole – Garron Head area where several trees were first found in 1936/37 by R.Ll. Praeger (Praeger 1937c) and identified as *Sorbus porrigens*. The vouchers in **BEL** were redetermined as *S. hibernica* by E.F. Warburg in 1956. The grid references in the table are estimates only, based on Praeger's somewhat imprecise descriptions of the localities. The summary account in Hackney (1992) is inaccurate in location detail.

Location	Grid Ref	Date	Recorder
in a little glen ¾ ml south of Garron Tower – 1 young tree	D2923	between 1936 & 1937	R.Ll. Praeger
steep wooded scarp above the last – 1 bush	D2923	between 1936 & 1937	R.Ll. Praeger
Drumnasole – 3 large trees close to the avenue and a small stream adjoining it; on upper rim of the Binabanan scarp (2002)	D285209	Aug 1937	R.Ll. Praeger
	D285209	Jul 2002	J. Harron
in rough fence of native trees near the last but below cliffs close to hamlet of Galboly – 1 tree	D2924	between 1936 & 1937	R.Ll. Praeger
Garron Head	c. D298236	11 Sept 1987	P. Hackney det T.C.G. Rich

Sorbus rupicola (Syme) Hedlund — Whitebeam
AN Rare — Native

Almost confined to the Garron Head and Glenarm areas (Praeger 1937c).

Location	Grid Ref	Date	Recorder
basalt cliffs of the Little Deerpark, Glenarm – several trees (1808), 41 trees (1937)	D3314	15 Jul 1808	J. Templeton
	D3314	pre-1833	J. White in *Kane 1833*
	D3314	1914	S. Wear
	D3314	1937	R.Ll. Praeger
first stream west of Eagle Hill, Slieveanorra Forest	D147232	1916	W.J.C. Tomlinson
gorge in basalt scarp below Lough Vicannon (Galboly Lough)	D2824	July 1920	A.W. Stelfox & R.Ll. Praeger conf. T.C.G. Rich 2004
	D2824	1936	R.Ll. Praeger
Ardclinis Cliff	D2724	26 July 1920	S.A. Bennett & C.D. Chase conf. T.C.G. Rich 2004
chalk cliff below Caranure on Garron Point, ¼ ml north-west of the last, just above 45th milestone on Coast Road – 3 very large trees and a seedling	D2724	14 Oct 1936	R.Ll. Praeger
Evish, Carrivemurphy – 13 trees, 12 on basalt, one on chalk on cliffs (1937)	D2624	1937	R.Ll. Praeger
	D2624	1985	J. Harron

Sparganium natans L. — Least Bur-reed
AN Scarce — Native

Apparently local species of shallow lakes and pools.

Location	Grid Ref	Date	Recorder
Ushet Lough, Rathlin Island	D1448	1882	S.A. Stewart
Lough na Cranagh, Fair Head	D177426	pre-1888	R.Ll. Praeger
	D177426	1988	J. Harron
bog holes west of Scawt Hill	D3308	pre-1895	R.Ll. Praeger
Parkmore or Aganlane, Glenariff Forest	D1921	pre-1895	S.A. Brenan
Rathlin Island	D05	1923	S.A. Bennett & C.D. Chase
Selshan area, Lough Neagh	J0867	1946	J.McK. Moon

Location	Grid Ref	Date	Recorder
Shan Port, Lough Neagh – near mouth of Lagan	J0763	01 Aug 1971	M.P.H. Kertland & D.S. Lambert
Montiaghs Moss ASSI	J092654	23 May 1985	Habitat Survey Team, EHS
Montiaghs Moss ASSI – 5 sites in 1km square	J0965	23-24 Jul 1985	Habitat Survey Team, EHS
Montiaghs Moss ASSI	J089650	24 Jul 1985	Habitat Survey Team, EHS
Ballycastle	D14	1987	BSBI Monitoring Scheme

Spergula arvensis L. Corn Spurrey
UK VU Neophyte
AN Common

This is one of a number of arable weeds which are vulnerable to decline in the UK. It remains common in Northern Ireland generally. It was first seen in Co. Antrim in 1906 from Carnmoney, Belfast by S. Wear, but has been recorded from at least 125 sites in Co. Antrim since 1970 (not listed here).

Spergularia rubra (L.) J. S. & C. Presl. Sand Spurrey
AN Rare Native

Uncommon plant of sandy and gravelly soils in open situations. Possibly under-recorded.

Location	Grid Ref	Date	Recorder
north of Toome, shore of Lough Beg	H99	pre-1888	S.A. Stewart
Toome Bridge, River Bann	H989908	Jul 1919	M. Bell
Giant's Causeway	C9545	19 Jun 1930	F.H.W. Kerr
Toome railway line, River Bann	H9890	1952	J.E. Greer
Ballyboley Forest – forest track	J312975	1983	S. Beesley
Gasworks, Ormeau Road, Belfast	J342736	22 Jun 1994	J. Wilde & S. Beesley, det. P. Hackney

Spiranthes romanzoffiana Cham. Irish Lady's-tresses
NI WO; Priority; SOCC Native
IRDB Rare
AN Scarce

Wet pastures, lake and river shores and cut-over bogs. First recorded from the county in the 1890's, and subsequently from many sites near Lough Neagh, Lough Beg and Lower River Bann. These records were from wet ground, and often associated with peat and at low levels (typically <25m altitude). In 1976, a flowering plant was found by D. Ledsham in a wet area at Gortnagory on the Garron plateau at an elevation of c. 200m. This represents a considerable extension of range both in terms of distance and elevation. The Gortnagory site is now an ASSI. In 2001, D. Ledsham reported *S. romanzoffiana* from a new site on the Garron Plateau, approx. 1 mile west of the Gortnagory site and approximately the same altitude.

Location	Grid Ref	Date	Recorder
Ballynaleney, Lough Neagh	J0086	1907	W.J.C. Tomlinson
Rea's Wood NNR, Antrim Bay (Massereene Park)	J1485	1907	W.J.C. Tomlinson
	J1485	1977	J. Harron
Three Islands, Lough Neagh	J0085	1910	N. Carrothers
	J0085	1967	B.E. Pilcher
	J0085	1968	J. Harron
	J003856	22 Aug 1971	J. Harron
	J0085	Aug 1981-Aug 1982	R. Davidson
	J003856	Aug 2005	R. Wilson
Aghalee	J1265	1930s	W.S. Wright
Ballyscullion East, Lough Beg – six flowering spikes in 1990	H9895	1939	Unknown
	H976968	1990	W.I. McNeill & D. McNeill
Brockish Bay, Lough Neagh	H9989	1947	J. Heslop-Harrison
Selshan Harbour, Lough Neagh	J0867	1970	J. Harron
	J086679	31 Jul 1971	J. Harron
Elmvale, Lough Neagh – shoreline	J122725	1971	P. Hackney & BNFC
Shane's Castle Estate, Lough Neagh	J118880	1976	H. Prendergast
Gortnagory ASSI – 239 flowering spikes in 2001	D2719	1976	D. Ledsham
	D2719	1985	P. Hackney, A. Newton & C.R. Tyrie
	D27691948	23 Aug 1985	Habitat Survey Team, EHS
	D27601953	23 Aug 1985	Habitat Survey Team, EHS
	D27651946	23 Aug 1985	Habitat Survey Team, EHS
	D27681950	23 Aug 1985	Habitat Survey Team, EHS
	D27721958	23 Aug 1985	Habitat Survey Team, EHS
	D277195	17 Jun 1990	Habitat Survey Team, EHS
	D277195	16-17 Aug 1990	Habitat Survey Team, EHS
	D2719	03 Aug 2001	M. Wright
	D277195	July 2004	BSBI
	D277195	03 Aug 2004	T. Ennis & P. Hackney
Montiaghs Moss ASSI	J094650	11 Aug 1984	S. Beesley & J. Wilde
	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J094650	1986	BSBI
	J06	1998	J. Harron
Aghalumb — below and south of Little Trosk, Carnlough; several plants above and below track and to west of boundary fence (2003)	D262191	2001	D. Ledsham
	D262191	2002	D. Ledsham
	D262191	30 Jul 2003	P. Hackney
	D262191	03 Aug 2004	P. Hackney & T. Ennis
	D262191	July 2005	BSBI
Aird Snout, Giant's Causeway – wet heath (could	C948445	2003	National Trust Biological

Location	Grid Ref	Date	Recorder
not be found in 2004, P. Hackney pers. comm.)			Surveyor

Stachys arvensis (L.) L. Field Woundwort
UK NT Native
AN Scarce

Formerly not uncommon as a weed of arable fields, but now rarely found.

Location	Grid Ref	Date	Recorder
Cushendun	D2535	1870	S.A. Brenan
Rathlin Island	unknown	1882	S.A. Stewart
Sandy Bay, Lough Neagh	J114713	24 Sep 1987	Habitat Survey Team, EHS
Cranfield, Lough Neagh	J0585	1989	J. Wilde & S. Beesley
Giant's Causeway	C94	09 Aug 1989	W.I. McNeill & D. McNeill
Ballyscullion – field	H975970	1990	W.I. McNeill & D. McNeill
Duncan's Park, Lisburn	J26	04 Aug 1996	S. Beesley & J. Wilde
Church Bay, Rathlin Island – frequent in disturbed ground	D149508	c. 2000	M. Tickner

Stachys officinalis (L.) Trevisan Betony
NI WO Status uncertain
RoI FPO
IRDB VU
AN EX

Extremely rare species of woods and shady banks, with only one post-1950 record. At this site, it was re-found after a break of almost 60 years! However, it has not been seen in Co. Antrim since 1956, and is now probably extinct. Possibly of garden origin at all its Co. Antrim sites?

Location	Grid Ref	Date	Recorder
Shane's Castle – woods	J1188	pre-1804	W. Wade
near an old fort in Shane's Castle Woods by Lough Neagh	J1188	c.1878	T.H. Corry
Portglenone	C9703	1894	M.E. Leebody
Whitehall Estate – probably a garden escape (R.E. Parker, *pers. comm.* to P. Hackney)	D1507	1896	S.A. Brenan
	D152079	1955	R.E. Parker
	D1507	1956	M.P.H. Kertland

Stellaria neglecta Wiehe Greater Chickweed
AN DD Native

There is only a single record for this species, from Feigh, Dunseverick in 1985. See comments for *S. pallida*.

Location	Grid Ref	Date	Recorder
Feigh, Dunseverick	C987445	Jun 1985	A. Farr & R. Boyd

Stellaria pallida (Dumort) Pire — Lesser Chickweed
AN DD — Native

Hackney (1992) comments that the plant is probably rare, but is not distinguished from *Stellaria media* by most field botanists so that data on distribution is unsatisfactory. There is a single record from the same site and by the same recorders as the previous species. In view of the uncertainties involved, the records for these two species should be treated with considerable caution.

Location	Grid Ref	Date	Recorder
Feigh, Dunseverick	C987445	Jun 1985	A. Farr & R. Boyd

Stratiotes aloides L. — Water-soldier
UK NT — Neophyte
AN EX

Very rare and local. No records since 1930, and now considered extinct. Records are not from wholly natural locations and were probably introductions.

Location	Grid Ref	Date	Recorder
Stranmillis, Belfast in back drain	J3470	11 Oct 1815	J. Templeton
Antrim Road Waterworks, Belfast Waterworks	J37	1824	G.C. Hyndman
Springfield, Belfast dam	J37	1864	J. Darragh
Woodburn mill dam – not seen since 1930. The dam has been derelict and empty of water for at least thirty years (P. Hackney)	J3988	1894-1895	P.F. Gulbransen
	J3988	1930	N.F. McMillan

Suaeda maritima (L.) Dumort — Annual Sea-blite
AN Scarce — Native

On muddy shores and salt-marshes. Local.

Location	Grid Ref	Date	Recorder
Mill Bay, Larne Lough ASSI – west shore	J445997	30 May 1985	Habitat Survey Team, EHS
	J4497	03 Jun 1985	Habitat Survey Team, EHS
Barney's Point, Larne Lough ASSI	J451988	31 May 1985	Habitat Survey Team, EHS
Ballycarry, Larne Lough – salt marsh	J49	30 Jul 1988	S. Beesley & J. Wilde
	J4694	06 Jun 1991	P. Hackney
North Foreshore Tip, Dargan Road, Belfast – landfill site	J3578	25 Aug 1995	J.K. Partridge & P. Hackney
Runkerry, Giant's Causeway	C9343	11 Jun 1996	P. Hackney

Subularia aquatica L. — Awlwort
AN Rare — Native

Very rare plant of shallow ponds and lakes. Recorded from several sites in Cos. Antrim and Londonderry around Lough Neagh and Lough Beg before 1850, and recorded from Lough Beg near Toome, but on the Co Londonderry side in 1850 and 1870. Then lost from all sites until re-found in Lough Beg in1955 (Kertland 1956). It has not been since 1961.

Location	Grid Ref	Date	Recorder
Selshan Harbour, Lough Neagh – original reference is to Portmore Park on Lough Neagh which is presumably in the Selshan Harbour area	J0867	16 Sep 1800	J. Templeton
	J0867	between 1832 & 1837	D. Moore
Creagh Bog	H9892	between 1832 & 1837	D. Moore
north-east corner of Lough Beg at Ballyscullion East	H9897	01 & 07 Aug 1955	M.P.H. Kertland
	H9897	1955	E.N. Carrothers
	H9897	1956	H.G. Heal
	H9897	1961	M.P.H. Kertland

Symphytum tuberosum L. Tuberous Comfrey
AN Scarce Neophyte

Rather local alien of garden origin. Sometimes very persistent and can be invasive and develop into very large patches.

Location	Grid Ref	Date	Recorder
Antrim Castle	J1486	1937	R.Ll. Praeger
Lough Guile – extensive, naturalised on south-west side in old WWII military camp (1997)	D02	1989	P. Hackney
	D02	27 Apr 1990	S. Beesley
	D063238	16 Mar 1997	P. Hackney & C.R. Tyrie
Craigmore Quarry	J0591	15 May 1991	S. Beesley & J. Wilde
Boyd's Quarry, Mallusk	J2783	25 Sep 1991	S. Beesley & J. Wilde
	J2783	1992	S. Beesley & J. Wilde
Longlands, Newtownabbey	J3380	07 May 1994	S. Beesley
Malone area, Belfast	J3270	18 May 1995	M.D.B. Allen
Hazelbank	J3580	16 May 2000	S. Beesley & J. Wilde
Church of Ireland, Church Road, Ahoghill	D049012	Sep 2001	W.I. McNeill

Taraxacum spp.

Distribution data is deficient for most of these species. The records are based on specimens in **BEL**, confirmed by A.J. Richards, C.C. Haworth or A.A. Dudman. Species recorded in Hackney (1992) but not listed for the county in Dudman & Richards (1997) have been omitted – the vouchers for these require re-examination by an authority.

Taraxacum aequilobum Dahlst.
AN DD probably Neophyte

One record only.

Location	Grid Ref	Date	Recorder
Lough Neagh shore at Antrim	J1486	1982	D.S. Lambert

Taraxacum argutum Dahlst.
AN DD Native

One record only.

Location	Grid Ref	Date	Recorder
Portrush Golf Course	C8740	1977	D.S. Lambert

Taraxacum aurosulum H. Lindb.
AN DD probably Neophyte

One record from a roadside.

Location	Grid Ref	Date	Recorder
side of road over marshy fields at Broughshane	D1803	1973	D.S. Lambert

Taraxacum bracteatum Dahlst.
AN DD Native

Shaded banks.

Location	Grid Ref	Date	Recorder
Castlecat – roadside bank	C969376	1982	D.S. Lambert
shaded bank beside lane near Crow Glen, Wolf Hill	J294768	1985	P. Hackney

Taraxacum britannicum Dahlst.
AN DD Native

One record only.

Location	Grid Ref	Date	Recorder
Portrush Dunes	C8740	1973	D.S. Lambert

Taraxacum croceiflorum Dahlst.
AN DD Native

Grassy places.

Location	Grid Ref	Date	Recorder
Portmuck – top of shore	D4602	1975	P. Hackney
Mullaghboy, Islandmagee – hedgerow	D4600	1975	P.Hackney
near Black Head	J4893	1975	P.Hackney

Taraxacum cyanolepis Dahlst.
AN DD Native

One record only.

Location	Grid Ref	Date	Recorder
roadside, Ballycollin	J268707	1974	D.S. Lambert

Taraxacum dahlstedtii H. Lindb. f.
AN Scarce Native

Dunes, and along the basalt scarp.

Location	Grid Ref	Date	Recorder
Cave Hill	J3279	1973	P. Hackney
near War Memorial on Knockagh	J367868	1974	P. Hackney
dunes at Whiterocks	C8940	1974	D.S. Lambert
near Kells	J152994	1975	D.S. Lambert
Red Bay dunes	D2425	1981	P. Hackney

Taraxacum duplidentifrons Dahlst.
AN DD Native

Two records from the basaltic scarp.

Location	Grid Ref	Date	Recorder
Cave Hill	J3279	1973	P. Hackney
near War Memorial on Knockagh	J367868	1974	P. Hackney

Taraxacum ekmannii Dahlst.
AN DD Status uncertain

Grassy places.

Location	Grid Ref	Date	Recorder
Broughshane – roadside bank	D141069	1974	D.S. Lambert
Red Bay dunes	D2425	1981	P. Hackney

Taraxacum faeroense (Dahlst.) Dahlst
AN DD Native

Wet slopes in hilly districts

Location	Grid Ref	Date	Recorder
Glenoe	J3996	1912	S. A. Bennett
Agnew's Hill – foot of steep slope	D3301	1973	D.S. Lambert
Lough Naroon – marshy grass at foot of scarp	D0017	1973	D.S. Lambert
grassy slope on west side of Colinward	J308805	1985	P. Hackney

Taraxacum fulgidum Hagl.
AN DD Native

One record only – the only Irish record (Dudman & Richards 1997).

Location	Grid Ref	Date	Recorder
Cave Hill – mature pine plantation,	J3179	1973	P. Hackney

Taraxacum fulviforme Dahlst.
AN DD Native

One record only.

Location	Grid Ref	Date	Recorder
Portrush golf course	C8740	1974	D.S. Lambert

Taraxacum gelertii Raunk.
AN DD Native

Grassy places.

Location	Grid Ref	Date	Recorder
Cave Hill	J3279	1973	P. Hackney
short grass on hillside near Lough Naroon	D0015	1973	D.S. Lambert
field and roadside at Selshan Bridge	J086684	1979	D.S. Lambert

Taraxacum lacistophyllum (Dahlst.) Raunk.
AN DD Native

One record only.

Location	Grid Ref	Date	Recorder
Portrush golf course	C8740	1977	D.S. Lambert

Taraxacum nordstedtii Dahlst.
AN Scarce Native

In a variety of grassy places.

Location	Grid Ref	Date	Recorder
marshy grassland, Lady Bay, Lough Neagh	J0969	1974	D.S. Lambert
Red Bay dunes	D2425	1981	C.R. Tyrie
old brick field at Crow Glen	J2976	1986	P. Hackney
John McSparran Memorial Hill Farm – north-facing wet acid slope; poor material (exposed situation) not easy to identify accurately, but probably this species	D2031	23 May 1999	P. Hackney & G.V. Day det. P. Hackney & A.A. Dudman

Taraxacum oxoniense Dahlst.
AN DD Native

Dune grassland.

Location	Grid Ref	Date	Recorder
Red Bay dunes	D2425	1981	P. Hackney

Taraxacum pectinatiforme H. Lindb.
AN DD probably Neophyte

One record only.

Location	Grid Ref	Date	Recorder
Portrush dunes	C8740	1979	D.S. Lambert

Taraxacum polyodon Dahlst.
AN DD Status unclear

Grassy places.

Location	Grid Ref	Date	Recorder
near War Memorial on Knockagh	J367868	1974	P. Hackney
Selshan	J0868	1974	D.S. Lambert
near Black Head	J4893	1975	P. Hackney
Barnett's Park	J3269	1978	D.S. Lambert

Taraxacum procerisquameum H. □llgard
AN DD Native

The vouchers in **BEL** for this species were determined as *T. procerum* by A.J. Richards in the 1970s, but probably belong under this species – see Dudman & Richards (1997).

Location	Grid Ref	Date	Recorder
top of shore at Portmuck	D4602	1975	P. Hackney

Taraxacum sellandii Dahlst.
AN DD Native

Grassy places. Almost certainly much commoner than the few records indicate.

Location	Grid Ref	Date	Recorder
roadside and hayfield near Portmuck, Islandmagee	D4600	1975	P. Hackney
Cloghfin Port	J4894	1975	P. Hackney
near Black Head	J4893	1975	P. Hackney

Teesdalia nudicaulis (L.) R. Br. Shepherd's Cress
UK NT Neophyte
NI WO; Priority; SOCC
IRDB Rare
AN EX

Probably only an adventive and casual in Co. Antrim, although native on dunes in other counties.

Location	Grid Ref	Date	Recorder
Glenmore, Lisburn – gone by 1938	J26	1898	J.H. Davies
	J26	pre-1938	Unknown
Lagan Canal at Lambeg	J280660	1899	J.H. Davies
Lambeg – sandy waste near bleach grounds, gone by 1938	J2766	1899	J.H. Davies

Thalictrum alpinum L. Alpine Meadow-rue
NI Priority**;** SOCC Native
AN Rare

Very local; a single site where it was discovered in 1949, and not seen again until 1992 and 1993.

Location	Grid Ref	Date	Recorder
Pollan Burn, Garron Plateau – just above its uppermost fall (*Stelfox 1949)*	D2518	1949	A.W. Stelfox
Pollan Burn, where a track runs parallel to stream and east of it, growing in a reasonably wide area between track and stream and probably also to east of track	c. D252191	1992	M. Tickner (*in litt*. to P. Hackney)
Pollan Burn, locally frequent at the bases of sphagnum tussocks in short grazed vegetation	c. D252191	30 June 1993	M. Tickner (*in litt*. to P. Hackney)

Thalictrum flavum L. Common Meadow-rue
NI SOCC Native
AN Scarce

A declining species of fens and marshes about Lough Neagh.

Location	Grid Ref	Date	Recorder
Portmore Lough – south-east and south-west (1945/46)	J119686	1800	J. Templeton
	J1168	1945-1946	E.N. Carrothers, R.D. Meikle & J.McK. Moon
	J119686	May 1991	M. Tickner
	J119686	01 Jul 1991	Habitat Survey Team (EHS), EHS
	J119686	02 Jul 1991	S.A. Wolfe-Murphy
	J16	01 May 1992	M. Tickner
	J1168	22 Jul 1999	M. Tickner
Artrea, Toome	H9890	1832-1837	D. Moore
Rams Island off Feumore, Lough Neagh	J0972	pre-1864	F. Whitla
east of Langford Lodge, Lough Neagh	J0974	05 Aug 1894	S.A. Stewart
Shane's Castle Park, Lough Neagh	J1187	1906	N. Carrothers
	J1187	1906-1908	W.J.C. Tomlinson
Massereene Park	J1485	1907	W.J.C. Tomlinson
Cranfield Bay, Lough Neagh	J0585	1911	W.J.C. Tomlinson
Lennymore Bay, Lough Neagh – mouth of Crumlin River	J116749	1919	BNFC
Langford Lodge, Lough Neagh	J0975	1919	C.D. Chase & S.A. Bennett
Selshan, Lough Neagh	J0867	1928	M. Duff
Ballyscullion East, Lough Beg	H9895	pre-1938	W.R. Megaw
Gawleys Gate, Montiaghs	J088672	1952	J.E. Greer
Drumraymond at Lough Beg	H994929	15 Aug 1971	J. Harron
Farrs Bay, Lough Neagh	J0986	1971	J. Harron
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
	J1485	1982	R. Davidson
Montiaghs Moss ASSI – in drain	J093652	1984	S. Beesley
	J093658	25 Jul 1985	Habitat Survey Team (EHS)
Navvies Drain, Montiaghs	J06	1987	N.J. McGibbon

Thalictrum minus L. subsp. ***arenarium*** (Butcher) Clapham Lesser Meadow-rue
AN Scarce Native

Native on sand dunes and sandy areas especially near the north coast. Many records pre-1940 and still there, but thought to be declining.

Location	Grid Ref	Date	Recorder
near Portrush	C84	1852	C.C. Babington
Portrush Golf Course – dunes	C8740	1869	S.A. Stewart
Ballycastle Golf course – dunes	D129412	1878	T.H. Corry
	D129412	1896	S.A. Stewart
	D129412	1915	W.J.C. Tomlinson
	D129412	1931	N.F. McMillan
	D129412	pre-1937	R.Ll. Praeger
	D129412	1949	BNFC
	D129412	1968	W.E. Harrison
	D129412	1987	S. Beesley
Bush Foot sandhills	C938432	1879	Mrs Swan
	C938432	pre-1937	R.Ll. Praeger
	C938432	1968	W.E. Harrison
	C938432	1973	J.E. Greer
Whiterocks	C8940	1946	D.S. Lambert
Greencastle	J3479	1993	S. Beesley & J. Wilde
Fortwilliam, north Belfast	J3377	1994	J. Wilde
Balmoral	J3170	1995	S. Beesley & J. Wilde

Thalictrum minus subsp***. minus*** Lesser Meadow-rue
AN EX Native

One 19th century record by Moore. No further sightings, and assumed to be extinct. Other plants identified as *T. minus* subsp. *minus* have been recorded from urban areas where the plant is of garden origin (not native).

Location	Grid Ref	Date	Recorder
basaltic rocks, Glenariff	D22	1830s	D. Moore

Thelypteris palustris Schott Marsh Fern
AN EX Native

Long extinct. Previously known from several sites around Lough Neagh, but lost about 1855 due to lowering the level of the Lough. It was known from the banks of the Six Mile Water at Ballyclare before 1864, but has not been since. The loss there is attributed to drainage.

Location	Grid Ref	Date	Recorder
Portmore, north of Ballinderry – among bushes on the southern side of the isthmus, with *Carex stricta* (*Templeton's Journal*); not seen since Moore's time; one of several plants killed out when the lake was lowered about 1855	J1169	1794	J. Templeton

Location	Grid Ref	Date	Recorder
Selshan area, Lough Neagh – not seen since Moore's time; one of several plants killed out when the lake was lowered about 1855	J0867	pre-1837	D. Moore
Six Mile Water banks, near Ballyclare – not seen since, probably destroyed by drainage	J18	pre-1864	G.C. Hyndman & F. Whitla

Tolmiea menziesii (Pursh) Torrey & A. Gray — Pick-a-back-plant
AN Scarce — Neophyte

Uncommon plant of garden origin. Locally established.

Location	Grid Ref	Date	Recorder
Rea's Wood NNR, Antrim Bay (Massereene Park)	J1485	1972	J. Harron
	J1485	1977	J. Harron
	J141848	May 1987	J.G. Angus, S. Beesley & A.G. Hill
	J1485	1988	S. Beesley
	J140854	18 Jul 1988	J. Harron
Loughan Bay, Cushendun – well established in the deep gully of the burn below the church at Loughan, being abundant in the bed of the burn, and also on the face of the waterfall (J. Harron)	D23	1980	D. Ledsham
	D236376	04 Jun 1986	S.A. Wolfe-Murphy & A. McMullan
	D245375	1989	J. Harron
Glenarm Deer park – amongst dumped rubble	D301120	May 1994	W.I. McNeill

Torilis nodosa (L.) Gaertner — Knotted Hedge-parsley
AN EX — Native

Recorded from several sites in dry stony areas in the 19th century, but last recorded in the county about 1895 and now long extinct.

Location	Grid Ref	Date	Recorder
Curran Point, Larne Lough	D4101	1797	J. Templeton
Carnlough	D2818	pre-1837	D. Moore
Ballycastle	D1140	pre-1864	H. Hincks
Dunseverick Castle	C9844	pre-1888	R. Tate
Portbraddan, Templastragh	D0044	pre-1888	S.A. Stewart
Giant's Causeway	C9545	pre-1888	S.A. Stewart
White Park Bay	D0143	1890s	R.Ll. Praeger
Rathlin Island	D0951	1893	R.Ll. Praeger

Trichomanes speciosum Willd. — Killarney Fern
NI WO; Priority; SOCC — Native
IRDB Rare
RoI FPO
AN Rare

Only one site in north Antrim where it (a single sporophyte) was found in 1952. Not visited since 1989 when the plant was in reasonable condition with some dead fronds, but also some new growth. Grazing is a possible threat. There is no possibility of spreading because there is no suitable habitat nearby, and it seems inevitable that the last known sporophyte in the north of Ireland will be lost. Only a partial grid reference is given here in an attempt to preserve the site.

Location	Grid Ref	Date	Recorder
Cushendun area	D23	Aug 1952	R.D. Fitzgerald & R. Fitzgerald
	D23	05 Jul 1989	S. Beesley & J. Wilde
	D23	28 Sep 1994	S. Beesley, J. Wilde & P. Hackney

Trifolium arvense L. Hare's-foot Clover
AN Scarce Native

Rocky places and sandy areas near the shore. Very persistent e.g. it was found by J. Templeton in 1794 on a detached rock at foot of cliffs near the Blackhead lighthouse, and reported many times since. It was still there in 2005.

Location	Grid Ref	Date	Recorder
Church Bay, Rathlin Island – not seen by Stewart in 1882	D149510	1794	J. Templeton
Black Head, north-east of White Head – on detached large basalt rock below cliff a little south of Black Head Point; reported to be present also on the inland side of the path by this rock (2005)	J487934	1794	J. Templeton
	J487934	1971	J. Hopton
	J487934	1974	J. Hopton
	J487934	1975	BNFC
	J487936	1989	S. Beesley
	J487934	07 Jun 1997	P. Hackney & T. Dines
	J49	14 Sep 1999	S. Beesley & J. Wilde
	J48509656	05 Jul 2001	M. Wright
	J48789342	05 Jul 2001	M. Wright
	J487934	10 Jul 2001	P. Hackney
	J487934	03 Aug 2004	BNFC
	J487934	2005	R. Field & B. Russell
Ballycastle	D1140	between 1832 & 1837	D. Moore
Cushendall	D2327	between 1832 & 1837	D. Moore
Carrickfergus	J48	between 1832 & 1837	D. Moore
Ulsterville, Belfast	J330726	1863	Miss Maffet
Stranmillis, Belfast	J3470	1866	S.A. Stewart
	J3470	1871	H. Robinson
Curran Strand, Portrush	C8740	1900	A.W. Stelfox
	C8740	1907	R. Hanna
	C8740	1908	S. Wear
	C8740	1915	R.E. Haddon
Ballintoy Harbour - seastack	D0345	pre-1938	C.R. Nodder
	D0345	1985	J.W.D. Semple
	D0345	1990	S. Beesley
	D0345	1997	R.S. Weyl
White Park Bay ASSI	D0244	Aug 1953	P. Jagoe
Ballycarry	J49	09 Mar 1986	S. Beesley
Portrush	C84	1987	BSBI Monitoring Scheme
Portrush Golf Course	C8740	1988	D.S. Lambert

Trifolium micranthum Viv. Slender Trefoil
AN Scarce Native

Rare small clover of dry sandy soils. Sometimes recorded from lawns and golf courses, and occasionally persisting for some years.

Location	Grid Ref	Date	Recorder
Greencastle, Newtownabbey	J3479	1860s	M.J.B. Ward
Inisglas, Greenisland – lawn, reportedly not sown	J38	1934	R.Ll. Praeger
Greenisland Station	J372857	1944-1947	J.McK. Moon
Fortwilliam Golf Club, Grays Lane	J338794	1958	D.S. Lambert
Portrush – several plants on disturbed ground in the Inner Dunes	C8540	09 Jun 1988	D.H. Riley
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde
Belfast Castle Gardens	J3278	29 May 2001	S. Beesley & J. Wilde
Freemanstown Quarry, Donegore Hill – northernmost end	J215895	25 Sep 2003	W.I. McNeill

Trifolium striatum L. Knotted Clover
AN Rare Native

Another rare small clover. Recorded from dry banks and disturbed ground near the shore. In some quantity on waste ground near the sewage works at Whitehouse, north of Belfast.

Location	Grid Ref	Date	Recorder
Rhanbuoy, Carrickfergus – gone by 1938 at least	J400868	1811	J. Templeton
Castle Chichester	J4792	pre-1864	G. Dickie
Whitehead between tunnel and Cloughan Harbour	J4791	pre-1864	G. Dickie
	J4791	1866	G.C. Hyndman
	J4791	1902	R.Ll. Praeger
	J4791	1935	R.Ll. Praeger
waste ground, Greencastle, Belfast Lough	J3479	1993	S. Beesley & J. Wilde
	J3479	23 May 2000	S. Beesley & J. Wilde

Typha angustifolia L. Lesser Bulrush
AN Rare Native

Occasional in lakes and marshy areas. At the Portmore site in 1937, Praeger reported it to be 'immensely abundant'. It is still plentiful at this site. Introduced at Victoria Channel, Belfast, but native elsewhere.

Location	Grid Ref	Date	Recorder
Jennymount, Milewater Bridge on road to Carrickfergus - gone by 1864 (Dickie)	J340763	pre-1825	J. Templeton
Selshan Area, Lough Neagh	J0867	pre-1837	D. Moore
	J0867	1976	BSBI

Location	Grid Ref	Date	Recorder
Portmore Lough – immensely abundant pre-1937 & in 1980s	J1168	pre-1837	D. Moore
	J1168	pre-1937	R.Ll. Praeger
	J1168	1980s	J. Harron
	J119686	May 1991	M. Tickner
	J119686	01 Jul 1991	Habitat Survey Team, EHS
	J16	01 May 1992	M. Tickner
	J119686	22 Jun 1993	Habitat Survey Team, EHS
Sewage Works, Victoria Channel, Belfast	J3576	04 Oct 2001	S. Beesley & J. Wilde
	J3576	19 Jun 2002	S. Beesley & J. Wilde

Urtica urens L. Small Nettle
AN Scarce Archaeophyte

Very rare on waste and disturbed ground. Previously often close to farm buildings, but now more often found on urban waste ground.

Location	Grid Ref	Date	Recorder
Olderfleet Castle, Larne	D413016	29 May 1920	S.A. Bennett & C.D. Chase
St Nicholas's Church, Carrickfergus	J412874	1989	W.I. McNeill
Selshan, Lough Neagh	J0868	01 Aug 1990	S. Beesley & J. Wilde
Laganside fields at Blaris and opposite bank, River Lagan	J256628	20 Jul 2000	S.A. Wolfe-Murphy

Utricularia australis R. Br. Bladderwort
AN Rare Native

In bog pools – only three post-1950 records, but perhaps under-recorded.

Location	Grid Ref	Date	Recorder
Portmore Lough	J1168	pre-1838	R.Ll. Praeger
Selshan Drain	J0968	1937	R.Ll. Praeger
Shan Port, Lough Neagh	J078638	1946	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Massereene Park	J1485	1975	P. Hackney
Sluggan Bog	J1091	21 Aug 1985	P. Hackney

Utricularia intermedia Hayne Intermediate Bladderwort
AN Scarce Native

Quite rare and recorded from bog pools. It does not flower in the county. First recorded by D. Moore from a large bog near Rasharkin. Hackney (1992) comments that the plant is confined to the area bounded by Rasharkin, Glarryford and Lough Naroon, but D. Ledsham recorded the plant (*sensu lato*) on the Garron Plateau in 1989.

Location	Grid Ref	Date	Recorder
large bog near Rasharkin	C91	pre-1837	D. Moore
above Dunloy Village	D0119	1894	R.Ll. Praeger
west of Lough Naroon	D0017	1894	R.Ll. Praeger
	D0017	1920	R.Ll. Praeger & A.W. Stelfox
Glarryford Station – small marsh north of Glarryford between railway & road	D0512	1938	R.Ll. Praeger
Garron Plateau as *sensu lato*	D22	12 Aug 1989	D. Ledsham

Utricularia vulgaris L. *sensu stricto* Greater Bladderwort
AN probably Rare, but DD Native

Utricularia vulgaris in the broad sense is a complex of two separate species, of which one (*U. australis* R.Br.) is common in the county. The other (*U. vulgaris* L. *sensu stricto*) is much rarer, recorded at present only from one site. However, this apparent rarity may be an artefact of data deficiency. Old records in literature of *U. vulgaris* cannot be assigned to the correct species in the absence of herbarium vouchers.

Location	Grid Ref	Date	Recorder
Montiaghs Moss ASSI	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J089650	24 Jul 1985	Habitat Survey Team, EHS
	J094662	26 Jul 1985	Habitat Survey Team, EHS
	J099662	26 Jul 1985	Habitat Survey Team, EHS

Valerianella dentata (L.) Pollich Narrow-fruited Cornsalad
UK EN probably Archaeophyte
AN EX

There are 18th and 19th century records from disturbed ground and cultivated fields, but no recent records in the county, probably due to the reduction of arable farming. The last record is from Rathlin Island by S.A. Bennett and C.D. Chase in 1923. The plant is now considered to be extinct in the county, although Hackney (1992) reports that it is very frequent in the south and east of the adjacent Co. Down.

Location	Grid Ref	Date	Recorder
Curran Point, Larne Lough	D4101	1794	J. Templeton
Rathlin Island	D05	pre-1837	D. Moore
	D05	1923	S.A. Bennett & C.D. Chase det. M.C. Knowles
Carnlough	D21	pre-1863	R. Tate
Islandmagee – cornfield	D40	1866	S.A. Stewart
Crumlin River at Crumlin – fields	J17	1878	T.H. Corry

Veronica polita Fries — Grey Field-speedwell
AN Rare — Native

Formerly frequently reported from cultivated ground, but is now very scarce with only one post-1950 record.

Location	Grid Ref	Date	Recorder
Haggan's Point, Lough Neagh	J06	1999	J. Harron

Vicia lathyroides L. — Spring Vetch
IRDB Rare — Native
NI Priority; SOCC
AN Rare

Rare vetch of sand dunes and dry coastal areas in the north of the county. Several records from previous centuries, but only one modern site.

Location	Grid Ref	Date	Recorder
Whiteabbey	J3582	1808	J. Templeton
mouth of Woodburn River	J3988	1809	J. Templeton
Ballycastle	D1140	pre-1864	H. Hincks
	D1140	1949	BNFC
Cushendun	D259351	pre-1895	S.A. Brenan
Valley Golf Course, Portrush	C8740	1909-1916	S. Wear
	C8740	1943	C.D. Chase
	C8740	18 May 1988	D.H. Riley

Vicia lutea L. — Yellow-vetch
UK NT — Neophyte
AN Rare

Recorded from one location only.

Location	Grid Ref	Date	Recorder
Knockcairn House, Tullyrusk Road, Dundrod	J196739	04 Jun 1996	BNFC

Vicia orobus DC. — Wood Bitter-vetch
UK NT — Native
IRDB VU
RoI FPO
AN Rare

Very rare plant. Formerly recorded from heaths at several sites in the area south-west of Larne. It was last seen on a bushy basalt outcrop at Thorny Hill by J. Harron in 1983, but could not be found at this site in 1984 (S. Beesley & J. Harron). Probably now extinct.

Location	Grid Ref	Date	Recorder
Sallagh Braes	D344052	1873	S.A. Stewart
	D344052	1893	S.A. Stewart
Tait's Hill, Ballyrickard More	J359978	1904	C.J. Lilly
Thorny Hill, Ballygowan Hill – J. Harron & S. Beesley could not find in 1984 at this site (scrubby area)	J356970	1905	C.J. Lilly
	J356970	1983	J. Harron
Spennin Hill, Ballybracken	J335959	1906	C.J. Lilly

Location	Grid Ref	Date	Recorder
Ballybracken, north-east of Ballynure	J3295	1907	W.J.C. Tomlinson
Ballyboley, north of Ballyclare	J3195	1907	W.J.C. Tomlinson
Skerrywhirry Hill	D2800	1908	C.J. Lilly
3 miles from Ballynure, on Ballymena/Larne Road	J313936	1939	V.F. Grainger & E.N. Carrothers
Fair Hill, Ballynure	J343953	1968	H.G. Heal
Ballyboley – 10 plants on roadside bank	J315968	14 Jun 1990	R. Anderson

Viola x ***bavarica*** Schrank = *V. riviniana* Reichb. x *V. reichenbachiana* Jordan ex Boreau
AN DD Native

Several observers have reported finding violets apparently intermediate between *V. riviniana* and *V. reichenbachiana.* However, only E.N. Carrothers, R.D. Meikle and J.McK. Moon have recorded the plants as the hybrid, between1945 and 1947 from a number of sites.

Location	Grid Ref	Date	Recorder
Hog Park Point, Lough Neagh	J0767	1945-1947	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Portmore Lough – near old church	J119686	1945-1947	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Ballinderry Lower	J1367	1945-1947	E.N. Carrothers, R.D. Meikle & J.McK. Moon
Sandy Bay, Lough Neagh	J114713	1945-1947	E.N. Carrothers, R.D. Meikle & J.McK. Moon

Viola canina L. Heath Dog-violet
UK NT Native
AN Frequent

Not rare in the county on dunes and beside a few lakes and rivers. Included here only because it is listed in Cheffings & Farrell (2005)

Location	Grid Ref	Date	Recorder
Langford Lodge, Lough Neagh	J0975	1864	S.A. Stewart
	J0975	1922	S.A. Bennett & C.D. Chase
Toome lake shore	H9990	1867	S.A. Stewart
Shane's Castle Estate, Lough Neagh	J110880	1878	T.H. Corry
	J1188	1908	W.J.C. Tomlinson
Toome Bridge, Upper River Bann	H989908	1878	T.H. Corry
Selshan Harbour, Lough Neagh	J0867	1886	S.A. Stewart
	J0867	1915	S.A. Bennett
Shaw's Bridge, River Lagan	J325689	1894	S.A. Stewart
Rams Island off Feumore, Lough Neagh	J0972	pre-1895	R.Ll. Praeger
Portrush Golf Course	C8740	1917	S. Wear
	C84	1987	BSBI Monitoring Scheme
Lough Neagh at Toome	H99	1918	A.W. Stelfox
	H9990	1969	J. Harron
Sandy Bay, Lough Neagh	J1171	1946	J.McK. Moon, E.N. Carrothers & R.D. Meikle
Brockish Bay, Lough Neagh	H993889	31 May 1970	J. Harron

Location	Grid Ref	Date	Recorder
Bush Foot Sandhills	C938432	post-1970	Unknown
Curran Strand, Portrush	C874405	post-1970	Unknown
Creagh Bog	H987925	06 Jun 1971	J. Harron
Doorish Point, Lough Beg	H994928	21 May 1972	J. Harron
Ballyscullion East, Lough Beg	H986945	24 Jun 1973	J. Harron
Carnlough River	D21	1974	J. Hopton & D. Ledsham
Montiaghs Moss ASSI, Lough Neagh	J0867	1985	EHS
	J095649	23 May 1985	Habitat Survey Team, EHS
	J094655	18 Jun 1985	Habitat Survey Team, EHS
	J093652	24 Jul 1985	Habitat Survey Team, EHS
	J093658	25 Jul 1985	Habitat Survey Team, EHS
	J091647	30 Jul 1985	Habitat Survey Team, EHS
	J089650	24 Jul 1985	Habitat Survey Team, EHS
Feigh, Dunseverick	C987445	Jun 1985	A. Farr & R. Boyd
Dunseverick Castle	C9844	01 Jun 1985	S.M. Walters
Churchtown Point, Lough Neagh	J055850	pre-1986	J. Harron
Drumraymond at Lough Beg	H9993	pre-1986	J. Harron
White Park Bay	D04	24 Sep 1986	S. Beesley & M. Beesley
	D04	10 Jun 1990	S. Beesley
	D04	1991	University of Lancaster
Ballygill North (ASSI), Rathlin Island	D1252	09 Aug 1988	Habitat Survey Team, EHS
Brockley, Ballygill Middle	D118519	09 Aug 1988	Habitat Survey Team, EHS
Loughareema	D206358	1989	J. Harron
Tonduff Mountain – Benbane Head	C963455	19 Jul 1991	E. Porter & I. Crawford
Cave Hill	J318798	Nov 1991	J. McAdam
Stoney Glen, Knockagh, 1.5km north-west of Greenisland	J375879	03 Jun 1998	M. Wright

Viola tricolor subsp. ***tricolor*** L. Wild Pansy
UK NT Native
AN Scarce

Found on waste, disturbed and cultivated ground.

Location	Grid Ref	Date	Recorder
Bellair Hill, Carnlough	D21	1910	C.H. Waddell
Greenisland – by railway	J3785	1943	J.D. Houston
Massereene Park	J1485	pre-1950	J.McK. Moon
Cushendun – on hillside north of village	D23	1969	W.E. Harrison
Carrickfergus	J4187	1987	S. Beesley
Ballycastle	D14	1987	S. Beesley
Rock Bridge, Kells Water	J1598	18 May 1990	S. Beesley & J. Wilde
Portballintrae	C9242	13 May 1994	S. Beesley

Zostera angustifolia (Hornem.) Reichb. Narrow-leaved Eelgrass
AN Rare Native

On muddy seashore in two loughs. Now considered not to be specifically distinct from *Z. marina*.

Location	Grid Ref	Date	Recorder
Islandmagee, side of Larne Lough	D40 or J49	1937	M.J. Lynn
Whitehouse Park, Belfast Lough	J3580	Sep 1962	G.E. Drennan
Larne Lough salt marsh, Ballycarry	J466946	30 May 1985	Habitat Survey Team, EHS
Larne Lough	J4694	1991	P. Hackney

Zostera marina L. Eelgrass
UK NT Native
AN Rare

Muddy sea shores and lagoons in Larne Lough and around Rathlin Island. Found in deeper water than *Z. angustifolia* and now considered not to be specifically distinct from that sp.

Location	Grid Ref	Date	Recorder
Whiterocks	C8940	1917	S. Wear
Shore Road, (Greenisland House), Greenisland	J385854	1934	N.F. McMillan & R.Ll. Praeger
just north of Ballycarry Station, Forthill	J462945	1937	M.J. Lynn
Oldmill Bay, Larne Lough ASSI	J455962	1937	M.J. Lynn
Doon Bay, Rathlin Island	D1548	1985	N.I. Littoral Survey
Glynn sea lagoon, Larne Lough	D406005	05 Jul 1988	N.I. Lake Survey

Zostera noltii Hornem. Dwarf Eelgrass
UK VU Native
AN Rare

In Larne Lough, where it is locally frequent. Also recorded from south of Garron Point.

Location	Grid Ref	Date	Recorder
Mill Bay, Larne Lough ASSI	J445997	1935	M.J. Lynn
Oldmill Bay, Larne Lough ASSI – promontory south	J4596	1937	M.J. Lynn
Ballycarry Station, Forthill	J462945	1949	M.J. Lynn
Ringfad Point	D2920	1984	N.I. Littoral Survey
Larne Lough salt marsh, Ballycarry	J4694	1991	P. Hackney

APPENDIX I: CASUALS, GARDEN ESCAPES, PLANTED SHRUBS AND TREES

This is a miscellaneous list of rare and scarce alien and neophyte species which have been recorded from the county. They include woody species which have been deliberately planted; non-woody casual species, usually of waste or disturbed ground and weeds of cultivation, including a number of arable weeds which were formerly common, but which cannot be regarded as native. Rare or scarce aliens which are well established and naturalised are listed in the main text.

In general, the species listed in this Appendix are of little or no interest from the wildlife conservation point of view. Because all these species are aliens and neophytes, no status is assigned to them individually.

Aconitum napellus L. Monk's-hood
AN Rare

Widely planted, but plants of garden origin have been found on waste ground and rubbish tips.

Location	Grid Ref	Date	Recorder
Rams Island off Feumore Td., Lough Neagh	J0972	27 Jun 1986	Habitat Survey Team, EHS
John McSparran Memorial Hill Farm	D2031	01 Aug 1998	BNFC

Alchemilla mollis (Buser) Rothm.
AN Scarce

Alchemilla mollis is reported in Hackney (1992) to be frequently grown in gardens, but it was not recorded as a garden escape at that time. Since then, there have been several reported sites in quarries and disturbed ground.

Location	Grid Ref	Date	Recorder
Botanic Area, Belfast	J3372	1993	S. Beesley, J. Wilde & M. Heyn
	J3372	24 May 1995	S. Beesley & J. Wilde
Freemanstown Quarry, Donegore Hill	J2189	02 Jun 1993	S. Beesley & J. Wilde
	J215895	25 Sep 2003	W.I. McNeill
Ballygarvey, 1km north of Ballymena	D1205	11 Jul 1993	S. Beesley & M. Beesley
Bridge End	D044178	1997	W.I. McNeill & D. McNeill

Ambrosia trifida L. Giant Ragweed
AN EX

A single record of this large annual from the Stranmillis area of Belfast in 1910.

Location	Grid Ref	Date	Recorder
Stranmillis, Belfast	J3470	1910	N. Carrothers

Ammi majus L. Bullwort
AN Rare

Very rare casual, with only one record. Origin of this plant not known.

Location	Grid Ref	Date	Recorder
Ulster Native Tree Nursery, McSparran Hill Farm	J251868	1998	N.D. McKee

Anaphalis margaritacea (L.) Benth. Pearly Everlasting
AN EX

A single plant was recorded from waste grassland in 1990. The plant could not be found the following year.

Location	Grid Ref	Date	Recorder
Three Mile Water – a single plant in rough grass, extinct now at this site	J334849	02 Sep 1990	S. Beesley & M. Beesley

Angelica archangelica L. Garden Angelica
AN Rare

Two plants found at a site on the shore at high water line at Boneybefore near Carrickfergus in 1987. One plant was found there the following year, but it has not been seen since at this site. A further plant was found in waste ground at Larne.

Location	Grid Ref	Date	Recorder
Boneybefore, Eden	J441884	22 Jul 1987	S. Beesley
	J439884	24 Sep 1987	S. Beesley
	J439884	03 Jun 1988	S. Beesley
Larne – waste ground	D4002	1989	S. Beesley & J. Wilde

Anthemis arvensis L Corn Chamomile
AN EX

Very rare casual. Only one record from the county and not seen since 1945

Location	Grid Ref	Date	Recorder
Shore Road, Belfast – extinct at this site now	J3378	1945	R.D. Meikle

Anthemis tinctoria L. Yellow Chamomile
AN Rare

A single record, found in disturbed ground at Cairndhu Golf Course, Ballygalley.

Location	Grid Ref	Date	Recorder
Cairndhu Golf Course, Ballygalley	D3807	Jul 1995	R. Bolton det. P. Hackney

Artemisia absinthium L Wormwood
AN Rare

An occasional garden escape found on disturbed waste ground and landfill sites. There is no record of it persisting for long.

Location	Grid Ref	Date	Recorder
near Larne Harbour Station	J415022	14 May 1985	J. Wilde & S. Beesley
Dargan Road, Belfast	J347778	1986	S. Beesley

Asplenium fontanum (L.) Bernh. Smooth Rock-spleenwort
AN EX

Collected by W.O. Newnham from Cave Hill in **BM** confirmed by A.C. Jermy 1984. There are no habitat details on the herbarium label, and it is assumed that the plant was an escape from cultivation.

Location	Grid Ref	Date	Recorder
Cave Hill, Belfast	J318798	pre-1876	W.O. Newnham conf. A.C. Jermy

Atropa belladonna L. Deadly Nightshade
AN Rare

Known since at least 1960 in Friar's Bush Graveyard, Stranmillis, Belfast, and has now spread to the adjacent Botanic Gardens, where it is a weed of flower beds.

Location	Grid Ref	Date	Recorder
Friar's Bush Graveyard, Stranmillis, Belfast	J336724	1960	Unknown
	J336724	1979	P. Hackney
	J336724	1990	P. Hackney
Botanic Gardens by Colenso Parade, Stranmillis, Belfast	J336724	Jul 1997	W.I. McNeill
	J336724	2005	P. Hackney

Avena strigosa Schreber Bristle Oat
AN DD

An oat species which is no longer cultivated; occurring as a weed in cereal crops. Probably much more frequent than the records below indicate.

Location	Grid Ref	Date	Recorder
Bushmills	C9440	1952	C.E. Hubbard
Portrush	C84	1975	DARDNI
Portglenone	C90	1975	DARDNI
Ballymoney	C92	1975	DARDNI
Armoy	D0632	1975	DARDNI
Ballyverdagh, Ballycastle	D14	1975	DARDNI
Toome Bridge, Upper River Bann	H99	1975	DARDNI
Doagh	J28	1975	DARDNI

Blackstonia perfoliata (L.) Hudson Yellow-wort
AN EX

Known from one site over a twenty-year period, but long gone.

Location	Grid Ref	Date	Recorder
near King's Moss – railway bank	J2985	pre-1888	W. Millen
	J2985	1907	W.J.C. Tomlinson

Borago officinalis L. Borage
AN Rare

Rare garden escape or discard which was first recorded from the county in 1905, but there is only one later (post-1950) record.

Location	Grid Ref	Date	Recorder
Fair Head – Coolanlough – near houses on stony bank	D14W	1905	W.J.C. Tomlinson
Fortwilliam, north Belfast	J3377	16 Jul 1994	J. Wilde

Bromus commutatus Schrader Meadow Brome
AN Rare

Very occasional casual, with no records since 1955.

Location	Grid Ref	Date	Recorder
Hannahstown – roadside	J2673	1872	S.A. Stewart
Greenisland Station – waste ground with ruderals	J372857	Jul 1955	G.E. Drennan

Campanula portenschlagiana Schultes Adria Bellflower
AN Rare

A single record, probably a casual escape from near-by gardens.

Location	Grid Ref	Date	Recorder
Portglenone	C994068	May 2000	W.I. McNeill

Campanula rapunculoides L. Creeping Bellflower
AN Rare

Occasional garden escape or discard, but it does not seem to become established.

Location	Grid Ref	Date	Recorder
Broughshane – sandpit nearby	D1506	pre-1895	R.Ll. Praeger
Three Islands, Lough Neagh	J0085	1956	J.McK. Moon & D. McClintock
Shane's Castle	J1188	1963	W.I. McNeill

Cannabis sativa L. Hemp
AN Rare

Introduced, possibly as a bird-seed alien. Very occasional on rubbish tips and landfill sites.

Location	Grid Ref	Date	Recorder
Trooperslane Station – cornfield borders	J386868	c. 1878	T.H. Corry
near Antrim Town	J1586	pre-1888	W.S. Smith
Stranmillis, Belfast	J340708	1927	C.D. Chase
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde

Cardamine corymbosa Hook. f. New Zealand Bitter-cress
AN Rare

Only one record, found in gardens at Carrickfergus Grammar School. It is thought to have been introduced accidentally with plants from a nursery in Scotland in 1994. It persisted in the flowerbeds on the site until at least 1996. The plant could be confused with *C. hirsuta* upon casual examination.

Location	Grid Ref	Date	Recorder
Carrickfergus Grammar School	J4089	1994	R.W. Field
	J0489	1996	R.W. Field

Cardamine raphanifolia Pourret Greater Cuckooflower
AN Rare

Garden escape or discard. Four established clumps were found on the bank of the River Maine between Galgorm and Gracehill (Beesley 2000).

Location	Grid Ref	Date	Recorder
River Main near Gracehill – west bank	D076023	14 May 2000	T.D. Boyd
road bridge, river Main	D076023	10 Jun 2000	A. Hill

Carduus crispus L. Welted Thistle
AN Rare

Very rare casual with only one recent record.

Location	Grid Ref	Date	Recorder
between Lisburn and Lambeg	J26	pre-1825	J. Templeton
Curran Point, Larne Lough – long extinct	D4101	pre-1837	D. Moore
	D4101	1895	R.Ll. Praeger
York Street Station, Belfast	J3475	pre-1863	W. Millen
Carrowcloghan, north-east of Moss-Side	D049368	30 Oct 1985	S.A. Wolfe-Murphy, P. Corbett & A.S. McMullin

Carduus nutans L. Musk Thistle
AN EX

A single record – the plant appeared on a railway bank soon after the construction of the line (Stewart & Corry 1888).

Location	Grid Ref	Date	Recorder
railway bank 2 mls from Carrickfergus	J4187	pre-1864	D. Orr

Carpobrotus edulis N.E. Br. Hottentot-fig
AN Rare

A single record.

Location	Grid Ref	Date	Recorder
Rungill	J402971	03 Mar 1999	Water Management Unit, EHS

Carthamus tinctorius L. Safflower
AN Rare

A single record.

Location	Grid Ref	Date	Recorder
Whitehead – on rubbish heap	J4791	1957	R.L. Streight

Centaurea jacea L. Brown Knapweed
AN EX

Casual introduction, now extinct. The first record was from Drum Bridge, River Lagan in 1796. It was re-found at the same site in 1918 (N. Carrothers), but could not be found in 1937. It is not clear whether the plant persisted at Drum Bridge for over a century or whether it was a coincidental re-introduction at the same site.

Location	Grid Ref	Date	Recorder
Drum Bridge, River Lagan – could not be refound in 1937	J306670	1796	J. Templeton
	J306670	1918	N. Carrothers

Chenopodium suecicum Murr Swedish Goosefoot
AN Rare

One of several chenopodia which are found on tips and waste, disturbed ground. The only record is from Newforge in 1985 by P. Hackney.

Location	Grid Ref	Date	Recorder
Newforge, Belfast	J3269	1985	P. Hackney

Cichorium intybus L. Chicory
AN Scarce

Occasional casual of waste ground, railway embankments and landfill sites.

Location	Grid Ref	Date	Recorder
Boneybefore, Eden – railway embankment	J430883	1982	S. Beesley
Crumlin	J1576	1989	S. Beesley & J. Wilde
The Island, Sharvogues	J1195	21 Aug 1991	S. Beesley & J. Wilde
Docks area, Belfast	J3475	18 May 1994	J. Wilde & S. Beesley

Clinopodium vulgare L. Wild Basil
AN EX

Very rare garden escape, with only one record.

Location	Grid Ref	Date	Recorder
Antrim	J1586	1911	J.K. Boal

Coriandrum sativum L. Coriander
AN EX

There are two records for this very rare casual.

Location	Grid Ref	Date	Recorder
Malone area, Belfast	J3270	1864	J. Darragh
Balmoral, Belfast	J3170	1865	S.A. Stewart

Cortaderia selloana (Schultes & Schultes f.) Asch & Graebner Pampas-grass
AN Scarce

Uncommon garden escape. Wind-blown seed from cultivated plants may germinate, and can become well established on waste ground.

Location	Grid Ref	Date	Recorder
City Hospital, Belfast	J332731	1989	S. Beesley
	J3373	09 Sep 1996	S. Beesley
Downview Park, Greenisland	J375863	11 May 1992	S. Beesley
Ligoniel Park	J302776	26 Aug 1999	S.A. Wolfe-Murphy
Ligoniel River	J300774	03 Sep 1999	S.A. Wolfe-Murphy
Cave Hill – two plants	J326802	Jan 2006	R.Anderson

Cuscuta epilinum Weithe Flax Dodder
AN EX

Only one old record from the county.

Location	Grid Ref	Date	Recorder
Rathlin Island	D05	pre-1864	C. Gage

Cynosurus echinatus L. Rough Dog's-tail
AN EX

Casual grass of disturbed open ground.

Location	Grid Ref	Date	Recorder
Stranmillis, Belfast	J3470	pre-1930	C.D. Chase & N. Carrothers
Ormeau Park, Belfast	J347728	pre-1938	C.D. Chase
ruined buildings on outskirts of Portrush Golf Course	C8740	1941	C.D. Chase

Darmera peltata (Torrey ex Benth) Voss ex Post & Kuntze Indian-rhubarb
AN Rare

A single record. Grown frequently in gardens.

Location	Grid Ref	Date	Recorder
Collin House grounds, Poleglass	J271702	1999	S.A. Wolfe-Murphy

Datura stramonium L. Thorn-apple
AN Rare

Very rare casual of disturbed or cultivated ground. Appeared in Friar's Bush graveyard after clearance operations in 1982-3 (Hackney 1992).

Location	Grid Ref	Date	Recorder
Greenmount Agricultural College – cultivated ground	J1584	1934	Unknown
Friar's Bush Graveyard, Stranmillis, Belfast	J336724	1982-1983	P. Hackney

Digitaria sanguinalis (L.) Scop. Hairy finger-grass
AN Rare

One record only.

Location	Grid Ref	Date	Recorder
Falls Park	J3072	1975	P.J.O. Trist

Diplotaxis tenuifolia (L.) DC. Perennial Wall-rocket
AN Rare

A very rare alien – the 1995-7 records are the only Irish sightings since the 19th century.

Location	Grid Ref	Date	Recorder
rubbish heaps at foot of the Milewater, Belfast, associated with construction of the railway	J3476	pre-1863	W. Millen in *Tate 1863* and *Stewart & Corry (1888)*
Duncrue Street Tip, Dargan Road, Belfast – landfill site	J352772	27 Sep 1995	S. Beesley & J. Wilde
	J352772	June 1997	S. Beesley & J. Wilde

Epilobium komarovianum A. Leveille Bronzy Willowherb
AN EX

This small willowherb is a native of New Zealand. The only site in the county was destroyed some time after its discovery.

Location	Grid Ref	Date	Recorder
old wall, Lisburn; wall later demolished	J2664	1941	E.N. Carrothers det. R. Melville, in **K**

Epilobium tetragonum L. Square-stalked Willowherb
AN Scarce

Rare casual of waste and disturbed ground. Possibly under-recorded.

Location	Grid Ref	Date	Recorder
Glenville Hotel, Cushendall	D2327	1939	J.P.M. Brenan
Magheramorne Quarry, Ballylig – shore below tips of quarry spoil	J4398	1984	S. Beesley, P. Hackney & D. Getty
	J4398	1988	S. Beesley, P. Hackney & D. Getty
Upper Falls Road, Belfast	J3173	13 Jun 1994	S. Beesley & J. Wilde
Gasworks, Ormeau Road., Belfast	J3473	22 Jun 1994	S. Beesley & J. Wilde
Lagmore Reservoir and adjacent valley	J275683	27 Aug 1999	S.A. Wolfe-Murphy
west of Ballygomartin Reservoir, Blackmountain	J298794	10 Aug 2000	S.A. Wolfe-Murphy

Erica erigena R. Ross Irish Heath
AN Rare

Three plants found in an area which has several other introduced species.

Location	Grid Ref	Date	Recorder
Lagan Meadows Nature Reserve – 'flush' on steep bank, 1.5–2m from river. One plant very young, c. 30cm tall. No other heath species present	J337704	28 Mar 1998	D. Broughton
Lagan Meadows Nature Reserve – 3 plants in total, one of these in flower	J337704	25 Apr 1998	D. Broughton

Erigeron karvinskianus DC. Mexican Fleabane
AN Rare

Garden plant.

Location	Grid Ref	Date	Recorder
Red Hall Estate – family grave plot	J455948	1976	P. Hackney

Erysimum cheiranthoides L. Treacle Mustard
AN Rare

Very rare casual of waste and disturbed ground.

Location	Grid Ref	Date	Recorder
wheat field and roadside between Ballinderry and Lisburn	unknown	pre-1837	D. Moore
Stranmillis, Belfast – rubbish tip	J340708	1910	N. Carrothers
Ballyginniff, Lough Neagh – waste ground on Lough Neagh side of road	J109806	25 Jul 1987	S. Beesley

Euphorbia lathyris L. Caper Spurge
AN Scarce

A rare garden escape or weed of open ground, which has become invasive at one site.

Location	Grid Ref	Date	Recorder
Upper Ballinderry – invasive at this site	J16	1982	D.A. Dorman
Larne	D04	1984	M. Wright
Randalstown	J09	06 Jun 1989	S. Beesley & J. Wilde
Upper Malone, Belfast	J3169	10 Jun 1995	J. Wilde

Fallopia baldschuanica (Regel) Holub. Russian Vine
AN Scarce

Occasionally escapes from gardens to waste ground and open spaces, where it sometimes develops into very large plants and becomes invasive and persistent.

Location	Grid Ref	Date	Recorder
between railway and motorway ay Yorkgate – planted and well established	J3476	1980-2006	P. Hackney
Duncan's Reservoir, Lisburn	J258657	1999	S.A. Wolfe-Murphy
Inver, Larne – on riverbank	D396025	27 Jul 1999	S. Beesley & J. Wilde
Turf Lodge, Belfast	J295735	13 Sep 1999	S.A. Wolfe-Murphy

Foeniculum vulgare Miller Fennel
AN Scarce

Uncommon. Found on waste and disturbed ground and landfill sites. Occasionally becomes established for a few years. Presumably of garden origin.

Location	Grid Ref	Date	Recorder
Duncrue Street Tip, Dargan Road, Belfast – landfill site	J3478	1986-1987	S. Beesley
Toome – presumably garden throw out	H990905	between 1987 & 1999	W.I. McNeill, D. McNeill, A. McNeill & M. Tickner
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde
Ligoniel Park	J302776	26 Aug 1999	S.A. Wolfe-Murphy
Forth River, Springmartin, Belfast	J312753	17 Aug 2000	S.A. Wolfe-Murphy

Fragaria x ***ananassa*** (Duchesne) Duchesne Garden Strawberry
AN Rare

Plants of garden origin are sometimes found on waste ground, rubbish tips etc.

Location	Grid Ref	Date	Recorder
Longlands, Ballygolan	J3380	23 Aug 1995	S. Beesley & J. Wilde
Gregoryslane End, Ballyrobin	J2082	16 Aug 2000	S. Beesley & J. Wilde

Fumaria densiflora DC. Dense-flowered Fumitory
AN EX

Very rare casual plant, apparently long extinct.

Location	Grid Ref	Date	Recorder
Larne	D4002	1912	G.C. Druce

Galeopsis ladanum L. Broad-leaved Hemp-nettle
AN EX

A single record.

Location	Grid Ref	Date	Recorder
Greenisland Station – railway	J3785	1950	J.McK. Moon

Galeopsis segetum Necker Downy Hemp-nettle
AN EX

A single old record.

Location	Grid Ref	Date	Recorder
Toome Bridge, Upper River Bann	H9890	1918	A.W. Stelfox

Galinsoga parviflora Cav. Gallant Soldier
AN Rare

Very occasional casual in waste and cultivated ground. In 1990 it was plentiful in flower-beds on the Marine Gardens, Carrickfergus where it was probably introduced with bedding plants. It did not persist to the following year.

Location	Grid Ref	Date	Recorder
Stranmillis, Belfast	J3470	1984	M.D.B. Allen
Carrickfergus – Marine Gardens	J4187	1990	S. Beesley

Geranium endressii Gay French Crane's-bill
AN Scarce

Garden discard or escape. Sometimes persists for a few years. On roadsides and open ground e.g. in quarries.

Location	Grid Ref	Date	Recorder
Ballylig, Magheramorne	J424879	1972	S. Beesley
roadside 1 mile south-west of Magheramorne – plant was gone by 1980	J424979	18 Jun 1972	S. Beesley
Dervock	C93	17 Jul 1993	S. Beesley & M. Beesley
Alexandra Park, Castleton Gardens, Cliftonville	J3376	16 May 1994	S. Beesley, J. Wilde & P. Hackney
Upper Malone, Belfast	J3169	10 Jun 1995	J. Wilde & S. Beesley
Old Park, Belfast	J3276	20 Sep 1995	S. Beesley & J. Wilde
Three Mile Water, Glen Park – between Glenville Road & Old Manse Road	J355833	29 Jun 2000	S.A. Wolfe-Murphy
Tullykittagh Water	D116160	06 Jul 2000	W.I. McNeill
Throne Wood, Throne Hospital grounds	J334805	18 Jul 2000	S.A. Wolfe-Murphy

Geranium phaeum L. Dusky Crane's-bill
AN Scarce

Uncommon garden escape which sometimes becomes established on roadside verges and uncultivated grassy areas.

Location	Grid Ref	Date	Recorder
south of church in Islandmagee – roadside	unknown	pre-1870	R. Tate
near Skerry	unknown	1899	M.C. Knowles
Sheeplands Hill, north of Ligoniel – roadside	J37	pre-1923	W.J.C. Tomlinson
near Buckna and Ballymena	D20	1969	D.S. Lambert
Glen Burn at Glen Bridge	D231075	20 Apr 1985	S. Beesley

Location	Grid Ref	Date	Recorder
near Clady – waste ground tip	J198838	1987	S. Beesley
Ballyrobin	J1882	31 May 1987	J.G. Angus, S. Beesley & A.G. Hill
Lislaban, Ballymoney	D081193	May 2000	W.I. McNeill

Geranium pratense L. Meadow Crane's-bill
NI Priority Species; SOCC
AN Rare as a native: common as a garden escape

As a native species, this plant is confined in Ireland to a stretch of the Co. Antrim north coast, where it occurs in grassy places close to the sea. It is also a common garden plant, and occurs as a garden escape throughout other parts of Northern Ireland, sometimes persistent at such secondary sites. These garden plants may not be of Irish origin. The records of the native plant are listed in the main body of the text; only records of it as a garden escape are listed here in this Appendix.

Location	Grid Ref	Date	Recorder
Cave Hill Quarries – garden escape	J319789	1905	H.L. Orr
	J319798	1906	W.J.C. Tomlinson
	J319798	1907-1908	W.J.C. Tomlinson
	J319798	1913	S.A. Bennett
	J319789	21 Jul 1987	J. Wilde & S. Beesley
	J318798	1988	S. Beesley & J. Wilde
Mormon Church, Old Cavehill Road, Belfast – garden escape	J330780	1908	S. Wear
Ballygalley – garden escape	D3707	1979	D. Getty, D. det. P. Hackney
Finvoy – garden escape but well established on roadside near a hedge over area c. 5 yards long	C957192	1981	S. Beesley
Cape Castle at Glentaisie – probably a garden escape	D090369	1983	H.D. Megaw
Newtownabbey	J38	30 May 1985	Various
Armoy Village	D03	1986	Various
Rathlin Island beside RC chapel	D15	28 Jun 1986	I. Rippey
Portrush	C84	1987	Various
Cushendun north	D23	05 Jul 1989	S. Beesley & J. Wilde
Tate's Avenue, Lisburn Road, Belfast	J3272	01 May 1991	J. McCaughey, J., Wilde & S. Beesley
Ballyboylands	C9826	20 May 1991	S. Beesley
Marlborough Park, Malone Road, Belfast	J3271	04 May 1994	J. Wilde & S. Beesley
Lisburn	J26	04 Aug 1996	S. Beesley & J. Wilde
Templepatrick – escape from garden to waste ground	J227856	13 Jun 1999	S. Beesley & J. Wilde
Collin House Grounds, Poleglass	J271702	06 Aug 1999	S.A. Wolfe-Murphy
Dunloy Village	D009181	Jul 2000	I. McNeill & A. McNeill
Belfast Harbour Estate	J37	11 Aug 2001	BSBI

Geranium pyrenaicum Burm. f. Hedgerow Crane's-bill
AN Rare

Alien plant of hedgerows and waste places.

Location	Grid Ref	Date	Recorder
Whitewell Quarry – 'A number of specimens on the margin of the meadow. It has evidently been brought with grass seed – not there previously' – limestone	J3281	06 Jul 1902	S.A. Stewart
Whitewell, Belfast – rough limestone pasture near tram depot – gone before 1938	J3380	1910	W.J.C. Tomlinson
Lisburn – hedgerow	J26	15 May 1996	S. Beesley & J. Wilde

Gunnera tinctoria (Molina) Mirbel Giant-rhubarb
AN Rare

This American species is occasionally planted in wet areas in large gardens, often apparently becoming naturalized.

Location	Grid Ref	Date	Recorder
Shane's Castle Estate, Lough Neagh	J1187	31 Dec 1988	H. Gilmour
east of Dunadry – stream sides	J2085	Jun 1989	S. Beesley & J. Wilde

Helianthus annuus L. Sunflower
AN Scarce

Bird seed alien, becoming more common on landfill sites and waste ground.

Location	Grid Ref	Date	Recorder
Ballycarry	J49	09 Mar 1986	S. Beesley & J. Wilde
Newtownabbey	J38	17 Sep 1986	S. Beesley
Millvale, Ballygallagh, Ballyclare	J2990	25 Aug 1993	S. Beesley & J. Wilde
Dargan Road, Belfast – landfill	J3577	30 Apr 1995	S. Beesley & J. Wilde
Craiginorne, near Larne – landfill	J3598	19 Jul 1996	S. Beesley & J. Wilde
Carnmoney Hill – landfill	J333835	05 Sep 2000	S. Beesley & J. Wilde

Hirschfeldia incana (L.) Lagr.-Fossat Hoary Mustard
AN Rare

A single record.

Location	Grid Ref	Date	Recorder
waste ground, car park, Corporation Street, Belfast	J341751	1997	W.I. McNeill

Hordeum jubatum L. Foxtail Barley
AN Rare

Rare casual of disturbed ground.

Location	Grid Ref	Date	Recorder
Stranmillis, Belfast	J3470	1910	N. Carrothers
Fortwilliam Roundabout, Belfast	J346778	between 1981 & 1983	R. Frost det. R.J. Pankhurst

Hordeum murinum L. Wall Barley
AN Scarce

Rare casual of waste open ground. All recent records are from Belfast, where it has locally become quite frequent in the last ten years, especially near landfill sites and tips.

Location	Grid Ref	Date	Recorder
Springfield, Belfast	J3174	1891	S.A. Stewart
Tate's Avenue, Belfast	J3272	01 May 1991	J. McCaughey, J. Wilde & S. Beesley
Antrim Road south, Belfast	J3375	1993	S. Beesley & J. Wilde
	J3375	06 Sep 1995	S. Beesley & J. Wilde
City Centre north, Belfast	J3374	1993	J.G. Angus, S. Beesley & J. Wilde
	J3374	11 Aug 1995	S. Beesley & J. Wilde
Old Park, Belfast	J3276	05 Jun 1993	J. Wilde & S. Beesley
	J3276	20 Sep 1995	S. Beesley & J. Wilde
Docks area, Belfast	J3475	18 May 1994	S. Beesley, & J. Wilde
Dargan Road, Belfast	J3577	22 May 1994	J. Wilde
Gasworks, Ormeau Road, Belfast	J3473	22 Jun 1994	S. Beesley & BNFC
Fortwilliam, north Belfast	J3377	16 Jul 1994	J. Wilde
Shankill, Belfast	J3275	06 Sep 1995	S. Beesley & J. Wilde

Hordeum secalinum Schreber Meadow Barley
AN EX

Rare plant formerly found in wet meadows and ditch-banks.

Location	Grid Ref	Date	Recorder
Whitehouse, Belfast Lough – on banks of canal and roadside (1799) & ditchbank (1869) – now built over	J3580	1799	J. Templeton
	J350808	1869	W. Macmillan
north side of Springfield Road, east of Forth Road Bridge – small quantity	J3175	1866-1886	S.A. Stewart

Iberis umbellata L. Garden Candytuft
AN Scarce

Grown in gardens as a rockery plant, and sometimes escapes as a discard on waste ground and quarry spoil heaps. It was reported to be well established on basaltic rock waste in Magheramorne Quarry in the 1980s.

Location	Grid Ref	Date	Recorder
Magheramorne Quarry – well established on basaltic rock debris on the quarry waste tip	J4398	1983-1988	P. Hackney & R. Piper
Shankill, Belfast	J3275	05 Sep 1993	S. Beesley & J. Wilde
Carrickfergus Cemetery	J4288	12 Jul 1995	S. Beesley
Craiginorne Quarry, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde
Magheramorne Spit, Larne Lough	J4498	19 Jul 2001	P. Hackney

Inula helenium L. Elecampane
AN Scarce

Occasional garden escape. S.A. Stewart reported it to be plentiful on the Lough Neagh shore at Cranfield in the 19th century, but it has not been seen there since. There are other old records, but few post-1950. A healthy colony was recorded by S. Beesley and J. Wilde on the banks of the Lady Brook, Belfast in 1984 and 1985.

Location	Grid Ref	Date	Recorder
Lough Neagh shore at Cranfield	J0585	pre-1888	S.A. Stewart
Rathlin Island	D05	c. 1950	W.R. Megaw
Arraboy Moss, north of Mosside, Ballynure	J39	1969	C.R. Nodder
Cloghmills	D0618	1969	BNFC
Ladybrook, Belfast	J2970	1984	S. Beesley & J. Wilde
	J2970	1985	S. Beesley & J. Wilde
	J2970	01 Jun 1993	S. Beesley & J. Wilde
	J2970	15 Jun 1994	S. Beesley & J. Wilde
Yorkgate Station, Belfast	J2970	1989	S. Beesley & J. Wilde
Portglenone – foot of Moboy Road	C977086	10 Aug 2002	W.I. McNeill

Iris foetidissima L. Stinking Iris
AN Scarce

Occasional garden escape or discard which is recorded from meadows and demesne woodland, often persisting for several years, but not known to become established.

Location	Grid Ref	Date	Recorder
Cushendun – plentiful on meadow by stone cashel	D2535	1884	BNFC
	D2535	between 1935 & 1937	R.Ll. Praeger
Belfast Castle Estate – near old well	J326792	1973	R. Piper & BNFC
Lagan Canal near Moreland's Meadow	J3369	27 May 1974	P. Hackney
Ballymaconnelly, north-east of Kilrea	C946138	between 1987 & 1999	W.I. McNeill & A. McNeill
Olderfleet, Larne	D4101	Oct 1995	W.I. McNeill
Carrickfergus	J4187	25 Jun 1990	S. Beesley
Cloghan Point, south-west of Whitehead	J4690	01 Aug 1996	S. Beesley
	J4690	04 Sep 1996	S. Beesley & J. Wilde
Ligoniel Park, Belfast	J302776	1999	S.A. Wolfe-Murphy

Lactuca serriola L. Prickly Lettuce
AN Rare

A waste ground casual only recently recorded from the county. It was found at two different sites in the same year (2001). The two records detailed below are the only ones from Northern Ireland.

Location	Grid Ref	Date	Recorder
Gasworks, Ormeau, Belfast	J3473	Jul 2001	S. Beesley & J. Wilde
Dargan Road, Belfast	J352774	28 Aug 2001	S. Beesley & J. Wilde

Lactuca virosa L. Great Lettuce
AN EX

This very rare casual has only been recorded twice in the county.

Location	Grid Ref	Date	Recorder
Whitehead	J4791	1912	W.P. Carmody
Toome – on railway bank	J08 or H99	pre-1920	W.J.C. Tomlinson

Lamium maculatum (L.) L. Spotted Dead-nettle
AN Scarce

This dead-nettle is much grown in gardens, from which it spreads readily by discarded stolons to rough ground and tips, where it can become well-established, especially on shady woodland floors.

Location	Grid Ref	Date	Recorder
bridge over Six Mile Water at Templepatrick	J229607	1983	P. Hackney
Antrim Town	J138867	19 Jul 1987	S. Beesley
Ballyboylands Quarry	C9925	11 Sep 1991	S. Beesley & J. Wilde
Templepatrick	J28	03 Oct 1991	S. Beesley & J. Wilde
White Mountain, Aughrim	J2468	16 Sep 1992	S. Beesley & J. Wilde
Tullaghgarley at Ballymena	D0901	11 Jul 1993	S. Beesley
Upper Lisburn Road, Belfast	J3070	25 May 1994	S. Beesley & J. Wilde

Lepidium campestre (L.) R. Br. Field Pepperwort
AN Scarce

A rare casual of cultivated and disturbed ground and waste places. Possibly confused with the more common *Lepidium heterophyllum*.

Location	Grid Ref	Date	Recorder
near Lough Neagh from Antrim to Glenavy	unknown	pre-1837	D. Moore
corner of Cidercourt & Largy Roads	J1376	pre-1864	F. Whitla
Ardmore Point, Lough Neagh	J097787	pre-1888	D. Redmond
Glenavy River at Glenavy	J1572	pre-1888	S.A. Stewart
Rams Island off Feumore, Lough Neagh	J0972	pre-1894	H.W. Lett
Stranmillis – site destroyed later	J3470	1909	N. Carrothers
Docks area, Belfast	J3475	18 May 1994	S. Beesley & J. Wilde
north-east of Parkgate	J2388	27 Jul 1996	S. Beesley & J. Wilde

Lepidium sativum L. Garden Cress
AN Scarce

Occasional escape from cultivation found in waste ground and landfill sites.. Does not appear to persist.

Location	Grid Ref	Date	Recorder
Six Mile Water Foot, Lough Neagh	J134866	c. 1971	J. Harron
Boneybefore, Eden – near sea	J430883	1983	S. Beesley
Duncrue Street Tip, Dargan Road, Belfast	J3478	1986	S. Beesley
Ballyginniff, Lough Neagh – reseeded field	J114814	17 May 1987	S. Beesley det. T.C.G. Rich
car park at corner of Millfield and West Street, Belfast	J335745	1999	J. Wilde

Lepidium virginicum L. Least Pepperwort
AN EX

Very rare casual with only one record in the county.

Location	Grid Ref	Date	Recorder
Larne Harbour	D4102	1928	C.D. Chase

Leucanthemella serotina (L.) Tzvelev Autumn Oxeye
AN Rare

Rare garden escape.

Location	Grid Ref	Date	Recorder
Forth River, Springmartin	J312753	17 Aug 2000	S.A. Wolfe-Murphy

Levisticum officinale Koch. Lovage
AN Rare

Very rare plant in the county, and of garden origin. It was established for a short time (1961-1964) on the bank of River Lagan opposite Belfast Gasworks.

Location	Grid Ref	Date	Recorder
opposite Belfast gasworks – on bank of River Lagan	J3473	1961-1964	E.N. Carrothers
Kilwaughter Castle – relic of cultivation	D355005	1983	T.C. Geary det. P. Hackney

Limnanthes douglasii R. Br. Meadow-foam
AN Rare

Unusual annual garden escape which does not persist.

Location	Grid Ref	Date	Recorder
Bruslee, south-east of Ballyclare	J3089	26 Jun 1993	S. Beesley
Portrush Cemetery	C8738	20 Aug 1994	S. Beesley & M. Beesley

Linum bienne Miller Pale Flax
AN Rare

Uncommon casual of waste ground and roadsides, usually on light soils. First recorded in the county in 1984.

Location	Grid Ref	Date	Recorder
Drumcroon	C8325	1984	W.I. McNeill
Bushtown – roadside	C8638	1984	D.S. Lambert
Portrush – sandy common	C861402	1991	R. Anderson & S. Christie

Linum usitatissimum L. Flax
AN Scarce

Occasional escape from cultivation or as bird-seed alien. Formerly widely grown as flax for linen.

Location	Grid Ref	Date	Recorder
Tate's Avenue, Belfast	J3272	01 May 1991	J. McCaughey, J. Wilde & S. Beesley
Millvale, Ballygallagh, Ballyclare	J2990	25 Aug 1993	S. Beesley & J. Wilde
Waterworks, Antrim Road, Belfast	J3277	18 Jun 1994	S. Beesley & J. Wilde
Shankill, Belfast	J3275	10 Sep 1994	S. Beesley & J. Wilde

Lobelia erinus L. Garden Lobelia
AN Scarce

This plant has no old records, but recently it has been recorded several times from waste ground and pavement edges where it has grown from self-sown seed.

Location	Grid Ref	Date	Recorder
The Island, Sharvogues	J1195	21 Aug 1991	S. Beesley & J. Wilde
Downview Park, Greenisland	J375863	11 May 1992	S. Beesley
Portrush	C84	25 Aug 1992	S. Beesley & M. Beesley
City Centre north, Belfast	J3374	1993	J.G. Angus, S. Beesley & J. Wilde
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde
Templepatrick – escape from garden to waste ground	J232854	13 Jun 1999	S. Beesley & J. Wilde

Lolium remotum Schrank Flaxfield Rye-grass
AN EX

Formerly a rare weed of flax fields in adjacent counties, but only a single record from Co. Antrim.

Location	Grid Ref	Date	Recorder
Friar's Bush road, Belfast	J336724	1862	H. Robinson in **BEL**

Lotus glaber Miller Narrow-leaved Bird's-foot-trefoil
AN EX

One old report.

Location	Grid Ref	Date	Recorder
Larne – on a gravel bank which was subsequently removed	D4002	1869	S.A. Stewart

Lupinus arboreus Sims Tree Lupin
AN Rare

Occasionally grown in gardens, but recorded very rarely as an escape.

Location	Grid Ref	Date	Recorder
Whiterocks – top of cliff in sandy dune vegetation	C8940	1978	P. Hackney
Ballyboylands	C9826	20 May 1991	S. Beesley

Lupinus* x *regalis Bergmans = *Lupinus arboreus* Sims x *L. polyphyllus* Lindl. Garden Lupin
AN Rare

Garden escapes. Originally recorded as *L. polyphyllus*, but they are more probably forms of *L.* x *regalis*.

Location	Grid Ref	Date	Recorder
Parkmount, Shore Road, Belfast – on cliff slopes	J37	1980	C.R. Tyrie
Ballynure	J3193	1989	S. Beesley & J. Wilde
City Centre south, Belfast	J3373	29 Aug 1993	S. Beesley & J. Wilde

Lychnis coronaria (L.) Murray Rose Campion
AN Rare

This plant is fairly often grown in gardens from which it occasionally escapes and rarely becomes established.

Location	Grid Ref	Date	Recorder
Shore Road, Belfast	J3478	28 Jul 1992	S. Beesley & J. Wilde
Randalstown Forest, Lough Neagh	J08	19 Aug 1992	S. Beesley & J. Wilde

Lysimachia punctata L. Dotted Loosestrife
AN Scarce

Garden escape or discard which can become established for short periods on roadsides and quarry spoil-heaps.

Location	Grid Ref	Date	Recorder
Portglenone	C975092	between 1987 & 1999	W.I. McNeill & A.McNeill
Randalstown Forest, Lough Neagh	J0887	1989	S. Beesley & J. Wilde
Derryholagh Cottages	J052897	1990	W.I. McNeill & D. McNeill
Craig Hill Quarry, Ballyclare	J2892	14 Jul 1993	S. Beesley & J. Wilde
Three Mile Water	J315852	1999	S.A. Wolfe-Murphy
Rumbling Hole Quarry, Hannahstown	J265725	13 Jul 1999	S.A. Wolfe-Murphy
Ballymagarry – hill land by Ballygomartin River	J301755	24 Aug 1999	S.A. Wolfe-Murphy

Malva moschata L. Musk-mallow
AN Scarce

Occasional garden escape becoming naturalised on grassy areas and roadside banks, sometimes well away from gardens.

Location	Grid Ref	Date	Recorder
by side of Crumlin River	unknown	pre-1864	F. Whitla
	unknown	1878	T.H. Corry
	unknown	1899	M.C. Knowles
Farrs Bay NR, Randalstown Forest	J0986	1978	BNFC
	J089870	1978	R.S. Forbes
roadside at Drumcon, near Rasharkin – possibly blatant escape	C983117	between 1987 & 1999	W.I. McNeill, D. McNeill & A. McNeill
Crumlin	J1576	1989	S. Beesley & J. Wilde
Shankill, Belfast	J3275	06 Sep 1995	S. Beesley & J. Wilde

Medicago arabica (L.) Hudson Spotted Medick
AN EX

A single record.

Location	Grid Ref	Date	Recorder
Whiterocks	C8940	1919	F. Wilson

Medicago sativa L. Lucerne
AN Rare

Sown as a fodder plant and sometimes escapes to become a casual of waste and disturbed ground.

Location	Grid Ref	Date	Recorder
Royal Irish Distillery – as subsp. *falcata*	J328736	1896	S.A. Stewart
Woodvale, Belfast – as subsp. *sativa*	J3175	22 Sep 1993	S. Beesley & J. Wilde
Forth River upstream, Glencairn	J297767	07 Aug 2000	S.A. Wolfe-Murphy

Melilotus albus Medikus White Melilot
AN Scarce

Casual of waste ground and urban landfill sites

Location	Grid Ref	Date	Recorder
Portrush	C8540	1943	C.D. Chase
Whitehead	J4791	1946	E.N. Carrothers
Castlehill Road, Belfast – waste ground	J3974	1950	P. Jagoe & S. Pate
Sans Souci Park, Malone, Belfast	J332719	1984	R. Piper
Duncrue Street Tip, Belfast	J3478	1986	S. Beesley
Joymount, Carrickfergus	J416876	1990	S. Beesley
Ormeau Road, Belfast	J342732	1995	S. Beesley & J. Wilde
North Foreshore Tip, Dargan Road, Belfast – landfill site	J3578	25 Aug 1995	J.K. Partridge & P. Hackney
Carnmoney Hill	J333835	05 Sep 2000	S. Beesley & J. Wilde
Magheramorne Quarry dump, Larne Lough	J4498	19 Jul 2001	P. Hackney

Melilotus indicus (L.) All. Small Melilot
AN Scarce

Casual of urban areas and landfill sites.

Location	Grid Ref	Date	Recorder
Sans Souci Park, Belfast	J3371	1984	R. Piper
Duncrue Street Tip, Dargan Road, Belfast	J347779	27 Sep 1986	S. Beesley
Yorkgate Station, Belfast	J2970	1989	S. Beesley & J. Wilde
Joymount, Carrickfergus	J4187	25 Jun 1990	S. Beesley
Brook Park, Belfast	J2970	01 Jun 1993	S. Beesley & J. Wilde
	J295704	1994	S. Beesley & J. Wilde
north side of Carnmoney Hill – former quarry now infill site	J334837	12 Sep 2000	S. Beesley & J. Wilde

Mentha spicata L. Spear Mint
AN Scarce

Waste ground, landfill sites etc. Garden escape or discard. All the detailed records are from 1985 onwards.

Location	Grid Ref	Date	Recorder
Carnlough	D21	01 Jul 1985	S. Beesley & J. Wilde
River Lagan at Lisburn	J26	1986	S. Beesley
Sluggan Moss	J0993	07 Oct 1992	S. Beesley & J. Wilde
Shore Road south, Belfast	J3477	18 Sep 1993	J. Wilde & S. Beesley
Woodvale, Belfast	J3175	22 Sep 1993	S. Beesley & J. Wilde
Falls Park, Belfast	J3072	26 Apr 1994	M. Marshall
Royal Victoria Hospital, Belfast	J3273	07 Jun 1995	J. Wilde, J. McCaughey & S. Beesley
Bog Meadows, Belfast	J3172	03 May 1995	M. Marshall, J. Wilde & S. Beesley
Shankill, Belfast	J3275	06 Sep 1995	S. Beesley & J. Wilde
Rumbling Hole Quarry, Hannahstown	J265725	13 Jul 1999	S.A. Wolfe-Murphy

Mimulus moschatus Douglas ex Lindley Musk
AN Scarce

Damp ground and stream and river banks; also occurs also as a casual in urban areas.

Location	Grid Ref	Date	Recorder
Cave House at Cushendun – by road in wet rushy place	D253324	1927	R.Ll. Praeger
Camden Street, Belfast	J333728	1976	E.N. Carrothers
Sans Souci Park, Malone, Belfast	J332719	1980s	D. Getty
Derryvolgie Avenue, Malone, Belfast	J328720	1980s	D. Getty
Balnamore – derelict mill pond	C919249	02 Jun 1990	S. Beesley & J. Wilde
Old Gasworks, Ormeau Road, Belfast	J3473	22 Jun 1994	S. Beesley & J. Wilde
Distillery Street, Belfast	J3273	07 Jun 1995	J. Wilde

Muscari armenaicum Leichtlin ex Baker Garden Grape-hyacinth
AN Scarce

The common garden Muscari, an escape and discard sometimes spreading vegetatively and by seed on waste, disturbed ground and tips.

Location	Grid Ref	Date	Recorder
Silversprings, Moyadam	J2387	1989	S. Beesley & J. Wilde
Glencairn, Belfast	J3075	27 Apr 1994	S. Beesley & J. Wilde
Portballintrae	C9242	13 May 1994	S. Beesley
Glen Riverside, Dunmurry	J291695	20 Apr 2000	S.A. Wolfe-Murphy

Myosotis sylvatica Hoffm. Wood Forget-me-not
AN Scarce

Almost certainly not a native in Ireland, but not infrequent in gardens where it can become naturalized. The following are reports of it as escapes, but probably it does not persist in the wild.

Location	Grid Ref	Date	Recorder
Crumlin	J1576	1989	S. Beesley & J. Wilde
Glynn, Larne Lough	J4099	1989	S. Beesley & J. Wilde
Cave Hill, Belfast - woodland	J328793	Jun 1991	W.I. McNeill & D. McNeill
Glen Riverside, Dunmurry	J291695	20 Apr 2000	S.A. Wolfe-Murphy
Forth River Upstream, Glencairn	J297767	09 Aug 2000	S.A. Wolfe-Murphy

Onopordum acanthium L. Cotton Thistle
AN Rare

Very rare garden escape.

Location	Grid Ref	Date	Recorder
mouth of Six Mile Water, Lough Neagh	J1286	27 Jul 1988	Habitat Survey Team, EHS

Oxalis corniculata L. Procumbent Yellow-sorrel
AN Scarce

Rare garden escape or weed. All records are after 1990 and from urban waste ground areas.

Location	Grid Ref	Date	Recorder
Tate's Avenue, Lisburn Road	J3272	01 May 1991	J. McCaughey, J. Wilde & S. Beesley
	J3272	01 Sep 1993	S. Beesley & J. Wilde
Low-Wood, Belfast	J3378	10 Aug 1994	S. Beesley & J. Wilde
Botanic area, Belfast	J3372	24 May 1995	S. Beesley & J. Wilde
Finaghy	J3069	14 Jun 1995	S. Beesley & J. Wilde
Doagh	J2689	11 Jun 1996	S. Beesley & J. Wilde

Oxalis exilis Cunn. Least Yellow-sorrel
AN Scarce

Casual, usually found as a garden weed or on disturbed ground.

Location	Grid Ref	Date	Recorder
Dunadry – east	J2085	1989	S. Beesley & J. Wilde
Dervock	C93	22 Jul 1992	S. Beesley & J. Wilde
Low Wood, Belfast	J3378	1994	S. Beesley & J. Wilde
Millar Street, Belfast	J3572	1994	S. Beesley & J. Wilde

Oxalis incarnata L. Pale-pink Sorrel
AN Rare

A single record; presumably a garden escape.

Location	Grid Ref	Date	Recorder
Larne	D4002	1989	S. Beesley & J. Wilde

Panicum miliaceum L. Common Millet
AN Rare

Very rare casual.

Location	Grid Ref	Date	Recorder
Gobbins Road, Islandmagee – farmyard	J477985	1984	P. Hackney

Parthenocissus quinquefolia (L.) Planchon Virginia-creeper
AN Rare

Occasional on tips and quarry waste.

Location	Grid Ref	Date	Recorder
Magheramorne – quarry waste	J3498	1983	P. Hackney
Lisburn	J26	15 May 1996	S. Beesley & J. Wilde

Pastinaca sativa L subsp. ***sativa***. Parsnip
AN Rare

Casual of waste ground: derived ultimately from cultivated plants.

Location	Grid Ref	Date	Recorder
near foot of Crumlin River	J1175	1799	J. Templeton
	J1175	between 1935 to 1937	R.Ll. Praeger
Craig Hill Quarry, Ballyclare	J2892	14 Jul 1993	S. Beesley & J. Wilde
Alexandra Park, Cliftonville, Belfast	J3376	16 May 1994	S. Beesley & J. Wilde
about 30 plants alongside Belfast Lough shore cycle path near Greencastle motorway flyover	J3479	9 Aug 2002	P. Hackney

Petasites albus (L.) Gaertner White Butterbur
AN Rare

Rare plant of garden origin.

Location	Grid Ref	Date	Recorder
Ligoniel	J3077	1923	C.D. Chase & S.A. Bennett
Bladon Drive, Malone, Belfast – in wood	J330707	1957	J.H. Penson

Phytolacca americana L. Indian Pokeweed
AN Rare

This species grew for a time in the Ulster Museum car park.

Location	Grid Ref	Date	Recorder
Ulster Museum car park behind graveyard	J336724	1975	P. Hackney

Picris hieracioides L. Hawkweed Oxtongue
AN Rare

Rare casual: only one site, on waste ground near Larne Harbour.

Location	Grid Ref	Date	Recorder
Redlands, Larne Harbour	D410022	13 Oct 1995	W.I. McNeill

Pisum sativum L. Garden Pea
AN Rare

Occasionally found as a discard on waste ground and rubbish tips. Does not appear to persist.

Location	Grid Ref	Date	Recorder
City Centre north, Belfast	J3374	1993	J.G. Angus, S. Beesley & J. Wilde
Ballygallagh, Ballyclare	J2990	25 Aug 1993	S. Beesley & J. Wilde
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde

Plantago arenaria Waldst. & Kit. Branched Plantain
AN Rare

One report only.

Location	Grid Ref	Date	Recorder
Portrush	C8540	1928 or 1929	H. MacCullough det. M.C. Knowles

Potentilla norvegica L. Alternate-leaved Cinquefoil
AN Rare

Uncommon casual on open ground or a garden weed. Only one post-1950 record.

Location	Grid Ref	Date	Recorder
Ballyrudder	D3508	c. 1900	C.J. Lilly
Stranmillis, Belfast	J340708	1920	N. Carrothers
Drum Bridge, River Lagan – by towpath ½ mile below bridge	J306670	1937	R.Ll. Praeger
Greenisland – garden escape	J3785	1987	S. Beesley

Puccinellia rupestris (With.) Fern. & Weath. Stiff Saltmarsh-grass
AN EX

First recorded at Larne and then from River Lagan at Albert Quay, Belfast in 1870, where it was reported to be luxuriant for a few years until the site was paved. It has not been recorded in the county since.

Location	Grid Ref	Date	Recorder
Larne	D40	pre-1837	D. Moore
Albert Quay, River Lagan – unpaved quay	J3474	1970-1875	S.A. Stewart

Ribes alpinum L. Mountain Currant
AN Rare

Known from one site only.

Location	Grid Ref	Date	Recorder
Belfast Castle grounds	J3279	1950s	H. Dales
	J3279	1956	S. Roberts
	J3279	1971	S. Roberts

Rosa multiflora Thunb. ex Murray Many-flowered Rose
AN Scarce

Occasional garden escape.

Location	Grid Ref	Date	Recorder
Newlands, Larne Lough	J4197 & J4298	31 Jul 1973	T.C. Geary det. R. Melville
Second Lock, Lagan Canal	J336703	1982	P. Hackney
Lagan Meadows Nature Reserve – by gate of Lagan Reserve on towpath, one plant	J336704	12 Jun 1998	D. Broughton
Ligoniel Park	J302776	26 Aug 1999	S.A. Wolfe-Murphy
Collin River Walk, Suffolk Road, Belfast	J282710	30 May 2000	S.A. Wolfe-Murphy

Rubus tricolor Focke
AN Rare

A planted shrub.

Location	Grid Ref	Date	Recorder
Botanic Station, Belfast – planted in railway cutting	J337731	1997-2005	P. Hackney

Salix babylonica L. Weeping Willow
AN Rare

This willow, which originated in China, is the original Weeping Willow, and is often mis-recorded for its hybrids with *Salix alba* and *S. fragilis* (Stace 1997).

Location	Grid Ref	Date	Recorder
Portmore Lough	J16	01 May 1992	M. Tickner

Salvia verbanaca L. Wild Clary
AN Rare

A single record with no previous history from the north-east of Ireland.

Location	Grid Ref	Date	Recorder
area below cliffs between Farragandoo to Fall Point	D188431	16 Aug 1988	J. Baxter

Saxifraga cymbalaria L. Celandine Saxifrage
AN Rare

Rare weed of disturbed ground or gardens (Beesley 1987a). Plants at Hazelwood, Belfast may have been introduced with imported shrubs planted nearby.

Location	Grid Ref	Date	Recorder
Portrush – garden weed	C8540	1979	D.S. Lambert
near Hazelwood, Belfast	J327808	1986	J. Wilde & S. Beesley
Whitehouse, Belfast Lough	J3480	22 Jun 1990	S. Beesley

Saxifraga granulata L. Meadow Saxifrage
AN Rare

Planted in parks and estates; or escapes from cultivation.

Location	Grid Ref	Date	Recorder
south of Carnlough	D21	pre-1837	D. Moore
Castle Upton, Templepatrick	J228858	1916	S.A. Bennett
Kilroot, Belfast Lough – under trees on Whitehead road beyond Eden	J4489	1937	W.J. Sayers
Seymour Hill	J26	1954	E.N. Carrothers & J.McK. Moon
Ballydrain House, Belfast	J36	1954	R.C. Davidson
Belfast Castle Estate	J326792	1988	R. Maxwell

Saxifraga umbrosa L. Pyrenean Saxifrage
AN Scarce

The pure species is not recorded from the county, but some plants of garden origin have been recorded as this species.

Location	Grid Ref	Date	Recorder
Kilwaughter	D30	16 Sep 1988	S. Beesley
Ballyclare	J29	27 Apr 1989	S. Beesley & M. Beesley
	J29	28 Apr 1990	S. Beesley
Ballynagabog Bridge, Cloghmills Water	D0919	1990	S. Beesley & J. Wilde
Tullyrusk Road, Dundrod	J196739	1994	BNFC
Belfast Castle Estate – extensively planted in grounds of Catholic retreat house nearby	J328793	1997	S.A. Wolfe-Murphy

Scabiosa columbaria L. Small Scabious
AN Rare

Records of this species from the Portrush area in the 1950s, but none since. The origin is not known.

Location	Grid Ref	Date	Recorder
Castle Erin, Portrush	C83	1955	C.D. Chase
Portrush, golf course on west side of town – one plant only	C8540	Aug 1957	C.D. Chase

Sedum lydium Boiss. Least Stonecrop
AN EX

Recorded only once in the county – from Old Shane's Castle where it was found growing with *S. album* on flat basaltic rocks before 1938. A mere garden escape.

Location	Grid Ref	Date	Recorder
flat basalt rocks below terrace of Old Shane's Castle	J116879	pre-1938	R.Ll. Praeger

Selaginella kraussiana (Kunze) A. Braun Kraus's Clubmoss
AN Rare

Originally introduced for growing in conservatories, but now a weed out of doors and established in a few areas. In 1955, J.H. Penson reported the plant to be 'spreading on lawns in Belfast', but the plant has remained quite rare.

Location	Grid Ref	Date	Recorder
spreading on lawns in Belfast	J37	1955	J.H. Penson
Old Forge House, Malone Road, Belfast – lawn	J325703	1972	O. Morton & R. Piper
Glen Park, Three Mile Water	J355833	29 Jun 2000	S.A. Wolfe-Murphy

Sempervivum tectorum L. House-leek
AN Rare

Common as a garden plant. Occasionally self-sown on walls.

Location	Grid Ref	Date	Recorder
Houghton's Mill, Cullybackey – on mill roof	D0505	1994	W.I. McNeill

Senecio x ***albescens*** Burb. & Colgan = *S. cineraria* DC. x *S. jacobaea* L.
AN Rare

Senecio cineraria is grown in gardens, and spontaneous hybrids with *S. jacobea* are occasionally recorded.

Location	Grid Ref	Date	Recorder
Aldergrove	J1378	1989	S. Beesley & J. Wilde
Albion Mill, Joymount, Carrickfergus – base of wall	J4187	Jul 1990	S. Beesley
Rathcoole, Belfast	J3381	22 Aug 2000	S. Beesley & J. Wilde

Senecio x ***baxteri*** Druce = *S. squalidus* L. x *S. vulgaris* L.
AN Scarce

This hybrid grows on open ground with the parents and is probably under-recorded.

Location	Grid Ref	Date	Recorder
Bog Meadows, Belfast	J3172	20 Jul 1994	J. Wilde
Town Parks, Belfast	J3474	11 Jun 1995	J. Wilde & S. Beesley
City Centre north, Belfast	J3374	11 Aug 1995	S. Beesley & J. Wilde
Carrickfergus Marina	J48	14 Jun 1996	S. Beesley
Craiginorne, south-west of Larne	J3598	19 Jul 1996	S. Beesley & J. Wilde
Dargan Road, Belfast Harbour Estate	J3577	28 Aug 2001	J. Wilde & S. Beesley

Senecio fluviatilis Wallr. Broad-leaved Ragwort
AN EX

Stream banks and waste ground, last reported in 1936.

Location	Grid Ref	Date	Recorder
Dunluce Castle – gone now	C9041	pre-1825	J. Templeton
Red Bay, Waterfoot	D2425	1866	S.A. Stewart
Cushendall – small stream near Coastguard Station	D2327	1878	T.H. Corry
Logan's Quarry, Knockagh – on crumbling basalt	J3787	1936	N.F. McMillan

Senecio inaequidens DC. Narrow-leaved Ragwort
AN Rare

First recorded in the county, and in Ireland, from a pavement edge near an overhead dual carriageway at Larne in 1999 (Beesley & Wilde 1999). Other plants were found nearby during subsequent visits. The method of introduction is uncertain, but all plants found have been near the dual carriageway, which is frequented by vehicles arriving on ferries from Great Britain. The plant is reported to be a rather frequent wool-alien in England and Scotland, and to be spreading in Northern France (Stace 1997). Apparently gone from this site by 2005.

Location	Grid Ref	Date	Recorder
Inver, Larne – first record for Ireland	D399025	27 Jul 1999	S. Beesley & J. Wilde
	D398025	28 Oct 1999	J. Wilde
	D398025	19 Jul 2000	J. Wilde
	D398025	28 Aug 2002	S. Beesley & J. Wilde

Senecio x ***subnebrodensis*** Simonki = *S. squalidus* L. x *S. viscosus* L.
AN Rare

This hybrid grows on waste and disturbed ground with the parents. It is intermediate in characteristics with the parents and so is probably overlooked.

Location	Grid Ref	Date	Recorder
Belfast City Hospital – first record for north-east Ireland	J334731	1991	S. Beesley & J. Wilde

Serratula tinctoria L. Saw-wort
AN EX

This species occurred once at a Belfast Distillery, but is long extinct.

Location	Grid Ref	Date	Recorder
Royal Irish Distilery, Belfast	J328736	1893-1894	R. Hanna

Setaria pumila (Poiret) Roemer & Schultes Yellow Bristle-grass
AN Rare

Casual of waste and open ground. Only recently found in Northern Ireland.

Location	Grid Ref	Date	Recorder
Shore Road north, Belfast – old landfill site	J3478	04 Jun 1994	S. Beesley & J. Wilde
Fortwilliam Golf Club boundary in Downview gardens	J339789	22 Oct 1996	J. Wilde

Silybum marianum (L.) Gaertner Milk Thistle
AN EX

Disturbed ground and cultivated fields: recorded from a number of sites before 1900, but there are only three later reports, which are detailed here.

Location	Grid Ref	Date	Recorder
flax field near Slemish	D20	1912	S.A. Bennett
Ballintoy	D0345	1937	E.N. Carrothers
Toome	H99	1946	J.McK. Moon

Sinacalia tangutica (Maxim.) R. Nordenstam Chinese Ragwort
AN Rare

A rare garden escape persisting in some sites for several years. There are no records before 1961, and all records are from the outskirts of Belfast in the Suffolk and Crow Glen areas.

Location	Grid Ref	Date	Recorder
Crow Glen, Wolf Hill	J2976	1961	M.P.H. Kertland
Suffolk Playing Field and rough field, Carnanmore Park, bank of Glen River	J286702	30 Aug 1995	J. Wilde det. C.R. Tyrie
Collin River Walk, Suffolk, Belfast	J282710	30 May 2000	S.A. Wolfe-Murphy

Sinapis alba L. White Mustard
AN Rare

Casual plant of waste and disturbed ground and tips and landfill sites. In 1986, it was widespread on the Duncrue Street (Belfast) landfill site, and has persisted for a number of years.

Location	Grid Ref	Date	Recorder
Giant's Causeway	C9545	1986	Habitat Survey Team, EHS
Duncrue Street Tip, Belfast (landfill site) – abundant in 1986	J349779	27 Sep 1986	S. Beesley
	J3578	22 Aug 1994	J.K. Partridge & P. Hackney

Location	Grid Ref	Date	Recorder
Carrickfergus	J4187	1987	R.W. Field
Portrush	C8540	1988	D.H. Riley

Sisymbrium irio L. London-rocket
AN EX

N. Carrothers reported this casual from the Stranmillis area of Belfast in 1910, which is the only record.

Location	Grid Ref	Date	Recorder
Stranmillis area, Belfast	J340708	1910	N. Carrothers

Sisymbrium strictissimum L. Perennial Rocket
AN Rare

Rare casual only.

Location	Grid Ref	Date	Recorder
Stranmillis	J3470	1910	N. Carrothers
Carnlough	D21	27 Jul 1988	S. Beesley & J. Wilde
Ballynulto, 3km south-west of Slemish Mountain	D1902	09 Jul 1992	S. Beesley & J. Wilde

Solanum nigrum L. Black Nightshade
AN Rare

A rare casual found occasionally on waste ground or flowerbeds. Possibly introduced with horticultural materials.

Location	Grid Ref	Date	Recorder
Agolagh, Cushendun	D2535	1867-1871	S.A. Brenan
Glenmore, Lisburn – field	J26	1896	J.H. Davies
Greenisland	J38	1900	*Praeger 1901*
Glenarm	D31	pre-1901	*Praeger 1901*
Cushendun	D22	pre-1901	*Praeger 1901*
Gartree Church, Lough Neagh	J0975	04 Aug 1993	S. Beesley & J. Wilde
Clifden Street, Belfast – under shrubbery	J3375	29 May 1994	S. Beesley & J. Wilde
	J3375	06 Sep 1995	S. Beesley & J. Wilde

Solidago gigantea Aiton Early Golden Rod
AN Rare

Garden escapes.

Location	Grid Ref	Date	Recorder
Rumbling Hole Quarry, Hannahstown	J265725	1999	S.A. Wolfe-Murphy
Forth River, Springfield Road to Ballygomartin Rds., Springmartin	J312753	17 Aug 2000	S.A. Wolfe-Murphy

Stachys byzantina K. Koch Lamb's-ear
AN Rare

Garden escape.

Location	Grid Ref	Date	Recorder
Ligoniel Park, Belfast	J302776	26 Aug 1999	S.A. Wolfe-Murphy

Symphoricarpos x ***chenaultii*** Rehder = *S. microphyllus* Kunth x *S. orbiculatus* Moench
AN Rare Pink Snowberry

One record; presumably a planted shrub.

Location	Grid Ref	Date	Recorder
Collin River Walk, Suffolk Road, Belfast	J282710	30 May 2000	S.A. Wolfe-Murphy

Symphytum asperum Lepechin Rough Comfrey
AN Rare

A single record.

Location	Grid Ref	Date	Recorder
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron

Teline linifolia (L.) Webb & Berth Needle-leaved Broom
AN Rare

A single locality where it was present for at leasat three years. The only Irish records.

Location	Grid Ref	Date	Recorder
Distillery Street, Grosvenor Road, Belfast – commercial premises, waste ground	J328738	1994	S. Beesley & J. Wilde
	J328738	10 Sep 1996	J. Wilde, det. B.S. Wurzell

Tellima grandiflora (Pursh) Douglas ex Lindley Fringe-cups
AN Rare

Garden escape or discard, which is well established at a site near Belfast Zoo.

Location	Grid Ref	Date	Recorder
Belfast Zoo, Cave Hill – old quarried area nearby at Hazelwood	J3280	1982	D. Getty
Balmoral, Belfast	J3170	05 May 1994	M.D.B. Allen
White Lodge, Ballylummin	J038992	20 May 2003	W.I. McNeill

Tragopogon porrifolius L. Salsify
AN Rare

Unusual casual of railway banks and waste ground. Only one post-1950 record.

Location	Grid Ref	Date	Recorder
Glenarm churchyard – gone by 1938	D31	pre-1864	Unknown
Whitehouse to Macedon – abundant on railway	J38	1873	S.A. Stewart
	J38	between 1935 & 1937	R.Ll. Praeger
Downshire Halt, Carrickfergus	J425881	1977	D. Ledsham

Valerianella carinata Lois. Keeled-fruited Cornsalad
AN Rare

Very rare, probably casual only. Not known in the county until it was recorded by W.I. McNeill in 2003.

Location	Grid Ref	Date	Recorder
Kilbride, west of Ballyclare immediately east of Kilbride graveyard, in small triangular area of waste ground	J249914	03 Aug 2003	W.I. McNeill det. P. Hackney

Verbascum nigrum L. Dark Mullein
AN Rare

Very rare casual. Only one record.

Location	Grid Ref	Date	Recorder
White Park Bay ASSI	D028443	11 Jul 1991	E. Porter & I. Crawford

Verbascum virgatum Stokes Twiggy Mullein
AN Rare

Very rare casual. Well established at one site with over 100 plants on unmade pavement and waste ground off Lislea Drive, Belfast. First found in 1994, and still there in 1996.

Location	Grid Ref	Date	Recorder
Stranmillis area, Belfast	J3470	1918	N. Carrothers
	J3470	1921	N. Carrothers
Lislea Drive, Belfast	J3171	1994	S. Beesley & J. Wilde
	J3171	13 Jul 1995	S. Beesley & J. Wilde
	J316712	1996	S. Beesley & J. Wilde

Verbena officinalis L. Vervain
AN Rare

A single record.

Location	Grid Ref	Date	Recorder
Cullybackey	D00	Nov 2001	W.I. McNeill

Veronica peregrina L. American Speedwell
AN Rare

Garden escape recorded from roadsides and disturbed ground.

Location	Grid Ref	Date	Recorder
The Lodge, Belfast – long gone	J37	1856	W.M. Hind
Ballywillin at Portrush – garden	C8739	1943	C.D. Chase
Larne	D40	1950	BNFC
Calderwoods, Church Tamlaght, at Rasharkin	C967127	between 1987 & 1999	W.I. McNeill, D. McNeill & A. McNeill
Dervock	C93	22 Jul 1992	S. Beesley & J. Wilde
Benvardin Gardens	C946330	09 Jun 2000	W.I. McNeill

Viburnum lantana L. Wayfaring-tree
AN Rare

Occasional garden escape.

Location	Grid Ref	Date	Recorder
Bellahill – one bush in hedge on Dalway's Bawn Road	J440910	1989-1998	P. Hackney & C.R. Tyrie
Collin House grounds, Poleglass	J271702	06 Aug 1999	S.A. Wolfe-Murphy
Throne Wood, Throne Hospital grounds	J334805	18 Jul 2000	S.A. Wolfe-Murphy

Vicia villosa Roth. Fodder Vetch
AN Rare

Only one record of this vigorous and colourful vetch, which was found near the shore on the site of a demolished house.

Location	Grid Ref	Date	Recorder
Brown's Bay, Islandmagee – site of demolished old cottage. Plant did not persist at the site	D436027	Aug 1976	S. Beesley det. R.M. Polhill

Viola odorata Linnaeus Sweet Violet
AN Scarce

Garden escape or discard, sometimes naturalised in shady areas.

Location	Grid Ref	Date	Recorder
Cranmore – roadside near gate – long gone	J3271	pre-1825	J. Templeton
	J3271	1878	T.H. Corry
Shane's Castle	J1188	1863	H. Robinson
Langford Lodge – shore of Lough Neagh	J0975	1864	S.A. Stewart
Whiterock	J37	1866-1876	S.A. Stewart
Black Mountain	J27	1866-1872	H. Robinson
Newforge	J3269	pre-1888	*Stewart & Corry 1888*
Lisburn	J26	pre-1888	*Stewart & Corry 1888*
Drum Bridge	J3067	1894	S.A. Stewart
west of Derriaghy	J26	1908	W.J.C. Tomlinson
mouth of Six Mile Water	unknown	1920	S.A. Bennett & C.D. Chase
Gartree Point, Lough Neagh	J087746	1972	J. Harron

Location	Grid Ref	Date	Recorder
Rams Island south	J093720	26 May 1973	J. Harron
	J0972	27 Jun 1986	Habitat Survey Team, EHS
Rea's Wood NNR, Antrim Bay (Massereene)	J1485	1977	J. Harron
Scawt Hill	D335077	1978	Unknown
roadside, exact site unknown	C94	1980s	H.D. Megaw
Buckna	D2007	1984	S. Beesley
Toome	H9890	1998	J. Harron
Belfast Castle Gardens	J3278	29 May 2001	S. Beesley & J. Wilde

Viscum album L. Mistletoe
AN Scarce

Rare parasite on trees. Very few records pre-1950, but several in the last 10 years. It is not clear whether this represents an increase in the species or improved recording.

Location	Grid Ref	Date	Recorder
Cave Hill – on apple tree	J3179	pre-1936	R.J. Welch
Ballygalley south-west of main village – Mill House; possibly natural	D3707	1977-1999	N.D. McKee
Lagan towpath near Barnett's Park	J3268	1982	Dr. Carrothers
near Dundesert River Cunningham's family farmhouse, Crookedstone – in Lime trees. Thought to have been originally native though has been deliberately spread	J172777	1998	N.D. McKee
Ballyallet Estate, Derriaghy – on street tree of Norway maple *Acer platanoides*, about 4m up	J284678	14 Apr 2000	R. Anderson
on tree outside shops on Rowan Drive Seymour Hill – possibly a remnant from the old Seymour Hill Estate before housing redevelopment	J287680	Apr 2001	M. Meharg
	J28716805	29 Apr 2001	F. Maitland, N.D. McKee & P.W. McKee
along railings between 39 & 41 Malone Avenue, Belfast – growing on a *Cotoneaster* bush	J33127219	25 Apr 2001	P. McEvoy

Wahlenbergia hederacea (L.) Reichb. Ivy-leaved Bellflower
UK NT
AN EX

Very rare garden escape or introduction: persisted at Cranmore, where it had been introduced by John Templeton, until at least 1948, but no later reports.

	Grid Ref	Date	Recorder
Shaw's Bridge, Belfast – meadow	J325690	1863	J.W. Murphy
Cranmore, Malone Road, Belfast – relict of cultivation by J. Templeton	J3271	1895	S.A. Stewart
	J3271	1898	S.A. Stewart
	J3271	1948	E.N. Carrothers

APPENDIX II: SPECIES RECORDED IN ERROR

Rosa obtusifolia Desv. Round-leaved Dog-rose

Only two old records, without vouchers, and probably incorrect.

Location	Grid Ref	Date	Recorder
Colin Glen, Belfast	J268721	pre-1895	S.A. Stewart
Crow Glen, Wolf Hill	J291769	pre-1895	S.A. Stewart

Rosa tomentosa Smith Harsh Downy-rose

According to Hackney (1992), this species has been recorded in the past, but probably does not occur in north-east Ireland. Records refer either to *R. mollis* or *R. sherardii*.

Salix x ***laurina*** Smith = *S. cinerea* L. x *S. phylicifolia* L. Laurel-leaved Willow

Synnott (1982) casts doubt on the validity of most records of this hybrid, with some specimens in **DBN** being referable to the variable *Salix cinerea*. All the Antrim records should therefore be treated with extreme caution.

Location	Grid Ref	Date	Recorder
shore of Lough Neagh near Massereene Park – but considered by D. Synott to be form of *S. cinerea* subsp. *oleifolia*	J18	Jul 1837	D. Moore in **DBN**
Bog Meadows, Belfast	J3172	02 Jun 2001	BNFC & G.V. Day

CHECKLIST OF TAXA FROM COUNTY ANTRIM

The taxa listed here from Co. Antrim include all recorded vascular plant species and subspecies, including hybrids, casuals, aliens, garden escapes, and planted species in wild situations. All varieties, and all species which are currently considered to be errors of identification or which require confirmation of identification, have been excluded.

Abies alba
Acaena anserinifolia
Acaena ovalifolia
Acer campestre
Acer cappadocicum
Acer platanoides
Acer pseudoplatanus
Acer rubrum
Acer saccharinum
Acer saccharum
Achillea millefolium
Achillea ptarmica
Aconitum napellus agg.
Acorus calamus
Adoxa moschatellina
Aegopodium podagraria
Aesculus carnea
Aesculus hippocastanum
Aethusa cynapium
Agrimonia eupatoria
Agrimonia procera
Agrostemma githago
Agrostis canina
Agrostis capillaris
Agrostis gigantea
Agrostis stolonifera
Agrostis vinealis
Aira caryophyllea
Aira praecox
Ajuga pyramidalis
Ajuga reptans
Alchemilla alpina
Alchemilla glabra
Alchemilla mollis
Alchemilla vestita
Alchemilla vulgaris agg.
Alchemilla x*anthochlora*
Alisma lanceolatum
Alisma plantago-aquatica
Alliaria petiolata
Allium carinatum
Allium oleraceum
Allium paradoxum
Allium triquetrum
Allium ursinum
Allium vineale
Alnus cordata
Alnus glutinosa
Alnus incana
Alopecurus geniculatus
Alopecurus pratensis
Alyssum saxatile
Ambrosia trifida
Ammi majus
Ammophila arenaria
Anacamptis pyramidalis
Anagallis arvensis
Anagallis arvensis subsp. *arvensis*
Anagallis minima
Anagallis tenella
Anaphalis margaritacea
Anchusa arvensis
Andromeda polifolia
Anemone nemorosa
Angelica archangelica
Angelica sylvestris
Anisantha sterilis
Antennaria dioica
Anthemis arvensis
Anthemis cotula
Anthemis tinctoria
Anthoxanthum odoratum
Anthriscus caucalis
Anthriscus sylvestris
Anthyllis vulneraria
Anthyllis vulneraria subsp. *lapponica*
Antirrhinum majus
Aphanes arvensis
Aphanes inexspectata
Apium graveolens
Apium inundatum
Apium nodiflorum
Apium x *moorei* (*A. inundatum* x *nodiflorum*)
Aquilegia vulgaris
Arabidopsis thaliana
Arabis caucasica
Arabis hirsuta
Arctium minus
Arctium minus subsp. *minus*
Arctium minus subsp. *nemorosum*
Arctostaphylos uva-ursi
Arenaria serpyllifolia
Arenaria serpyllifolia subsp. *leptoclados*
Arenaria serpyllifolia subsp. *serpyllifolia*
Armeria maritima
Armoracia rusticana
Arrhenatherum elatius
Arrhenatherum elatius subsp. *bulbosum*
Artemisia absinthium
Artemisia campestris
Artemisia vulgaris
Arum italicum
Arum italicum subsp. *italicum*
Arum maculatum
Asperula taurina
Asplenium adiantum-nigrum

Asplenium fontanum
Asplenium marinum
Asplenium ruta-muraria
Asplenium trichomanes
Asplenium trichomanes subsp. *quadrivalens*
Aster lanceolatus
Aster novi-belgii
Aster novi-belgii subsp. *novi-belgii*
Aster tripolium
Aster x *salignus* (*A. lanceolatus* x *novi-belgii*)
Aster x *versicolor* (*A. laevis* x *novi-belgii*)
Athyrium filix-femina
Atriplex glabriuscula
Atriplex laciniata
Atriplex littoralis
Atriplex patula
Atriplex prostrata
Atropa belladonna
Aubrieta deltoidea
Aucuba japonica
Avena fatua
Avena sativa
Avena strigosa
Azolla filiculoides
Baldellia ranunculoides
Ballota nigra
Barbarea intermedia
Barbarea verna
Barbarea vulgaris
Bellis perennis
Berberis aggregata
Berberis buxifolia
Berberis darwinii
Berberis thunbergii
Berberis vulgaris
Berula erecta
Beta vulgaris subsp. *maritima*
Betula pendula
Betula pubescens
Betula pubescens subsp. *tortuosa*
Betula x *aurata* (*B. pendula* x *pubescens*)
Bidens cernua
Bidens tripartita
Blackstonia perfoliata
Blechnum spicant
Blysmus rufus
Bolboschoenus maritimus
Borago officinalis
Botrychium lunaria
Brachypodium pinnatum
Brachypodium sylvaticum
Brassica napus
Brassica napus subsp. *oleifera*
Brassica nigra
Brassica oleracea
Brassica rapa
Briza media
Bromopsis ramosa
Bromus commutatus
Bromus hordeaceus
Bromus hordeaceus subsp. *ferronii*
Bromus hordeaceus subsp. *hordeaceus*
Bromus lepidus
Bromus racemosus
Bromus secalinus
Bromus x *pseudothominei* (*B. hordeaceus* subsp. *hordeaceus* x *lepidus*)
Bryonia dioica
Buddleja davidii
Buddleja globosa
Bupleurum subovatum
Butomus umbellatus
Buxus sempervirens
Cakile maritima
Calamagrostis stricta
Calendula officinalis
Callitriche brutia
Callitriche hamulata
Callitriche hermaphroditica
Callitriche obtusangula
Callitriche platycarpa
Callitriche stagnalis
Calluna vulgaris
Caltha palustris
Calystegia pulchra
Calystegia sepium
Calystegia sepium subsp. *roseata*
Calystegia sepium subsp. *sepium*
Calystegia silvatica
Calystegia soldanella
Camelina alyssum
Camelina sativa
Campanula latifolia
Campanula portenschlagiana
Campanula rapunculoides
Campanula rotundifolia
Campanula trachelium
Cannabis sativa
Capsella bursa-pastoris
Cardamine amara
Cardamine bulbifera
Cardamine corymbosa
Cardamine flexuosa
Cardamine hirsuta
Cardamine impatiens
Cardamine pratensis
Cardamine raphanifolia
Carduus crispus
Carduus nutans
Carduus tenuiflorus
Carex acuta
Carex acutiformis
Carex aquatilis
Carex arenaria
Carex binervis
Carex buxbaumii
Carex caryophyllea
Carex curta
Carex diandra
Carex dioica

Carex distans
Carex disticha
Carex divulsa subsp. *divulsa*
Carex echinata
Carex elata
Carex elongata
Carex extensa
Carex flacca
Carex flava
Carex hirta
Carex hostiana
Carex hostiana x *viridula* subsp. *oedocarpa*
Carex laevigata
Carex lasiocarpa
Carex limosa
Carex magellanica
Carex nigra
Carex otrubae
Carex ovalis
Carex pallescens
Carex panicea
Carex paniculata
Carex pauciflora
Carex pendula
Carex pilulifera
Carex pseudocyperus
Carex pulicaris
Carex remota
Carex riparia
Carex rostrata
Carex spicata
Carex strigosa
Carex sylvatica
Carex vesicaria
Carex viridula
Carex viridula subsp. *brachyrrhyncha*
Carex viridula subsp. *oedocarpa*
Carex viridula subsp. *viridula*
Carex x *boenninghausiana* (*C.paniculata* x *remota*)
Carex x *fulva* (*C. hostiana* x *viridula*)
Carex x *involuta* (*C. rostrata* x *vesicaria*)
Carex x *pseudoaxillaris* (*C. otrubae* x *remota*)
Carex x *turfosa* (*C. elata* x *nigra*)
Carlina vulgaris
Carpinus betulus
Carpobrotus edulis
Carthamus tinctorius
Carum carvi
Carum verticillatum
Castanea sativa
Catabrosa aquatica
Catapodium marinum
Catapodium rigidum
Cedrus libani
Centaurea cyanus
Centaurea jacea
Centaurea montana
Centaurea nigra
Centaurea scabiosa
Centaurium erythraea
Centranthus ruber
Cephalanthera longifolia
Cerastium arvense
Cerastium diffusum
Cerastium fontanum
Cerastium fontanum subsp. *holosteoides*
Cerastium fontanum subsp. *vulgare*
Cerastium glomeratum
Cerastium semidecandrum
Cerastium tomentosum
Ceratophyllum demersum
Ceterach officinarum
Chaenorhinum minus
Chaerophyllum temulum
Chamaecyparis lawsoniana
Chamaecyparis nootkatensis
Chamaemelum nobile
Chamerion angustifolium
Chelidonium majus
Chenopodium album
Chenopodium bonus-henricus
Chenopodium ficifolium
Chenopodium murale
Chenopodium polyspermum
Chenopodium rubrum
Chenopodium suecicum
Chrysanthemum segetum
Chrysosplenium oppositifolium
Cicerbita macrophylla
Cichorium intybus
Cicuta virosa
Circaea lutetiana
Circaea x *intermedia* (*C. alpina* x *lutetiana*)
Cirsium acaule
Cirsium arvense
Cirsium dissectum
Cirsium palustre
Cirsium vulgare
Cladium mariscus
Claytonia perfoliata
Claytonia sibirica
Clematis vitalba
Clinopodium ascendens
Clinopodium vulgare
Cochlearia anglica
Cochlearia danica
Cochlearia danica x *officinalis*
Cochlearia officinalis
Cochlearia officinalis subsp. *scotica*
Conium maculatum
Conopodium majus
Convallaria majalis
Convolvulus arvensis
Conyza canadensis
Conyza sumatrensis
Coriandrum sativum
Cornus alba
Cornus mas
Cornus sanguinea

Cornus sericea
Coronopus didymus
Coronopus squamatus
Cortaderia selloana
Corylus avellana
Corynephorus canescens
Cotoneaster bullatus
Cotoneaster franchetii
Cotoneaster frigidus
Cotoneaster horizontalis
Cotoneaster integerrimus
Cotoneaster integrifolius
Cotoneaster microphyllus
Cotoneaster salicifolius
Cotoneaster simonsii
Cotoneaster x *watereri* (*C. frigidus* x *salicifolius*)
Crambe maritima
Crataegus laevigata
Crataegus monogyna
Crataegus x *media* (*C. laevigata* x *monogyna*)
Crepis biennis
Crepis capillaris
Crepis paludosa
Crepis vesicaria
Crithmum maritimum
Crocosmia masoniorum
Crocosmia pottsii
Crocosmia x *crocosmiiflora* (*C. aurea* x *pottsii*)
Crocus sp.
Cryptogramma crispa
Cupressus macrocarpa
Cuscuta epilinum
Cymbalaria muralis
Cynosurus cristatus
Cynosurus echinatus
Cystopteris fragilis
Cytisus scoparius
Dactylis glomerata
Dactylorhiza fuchsii
Dactylorhiza fuchsii subsp. *fuchsii*
Dactylorhiza incarnata
Dactylorhiza incarnata subsp. *coccinea*
Dactylorhiza incarnata subsp. *pulchella*
Dactylorhiza lapponica
Dactylorhiza maculata
Dactylorhiza maculata subsp. *ericetorum*
Dactylorhiza maculata x *traunsteineriodes*
Dactylorhiza majalis
Dactylorhiza purpurella
Dactylorhiza traunsteinerioides
Dactylorhiza viridis
Dactylorhiza virids x *Gymnadenia conopsea* (x *Gymnaglossum jacksonii*)
Dactylorhiza x *transiens* (*D. fuchsii* x *maculata*)
Dactylorhiza x *venusta* (*D. fuchsii* x *purpurella*)
Dactyorhiza x *formosa* (*D. maculata* x *purpurella*)
Danthonia decumbens
Daphne laureola
Darmera peltata
Datura stramonium
Daucus carota
Daucus carota subsp. *carota*
Deschampsia caespitosa
Deschampsia flexuosa
Descurainia sophia
Dianthus barbatus
Dianthus caryophyllus
Dianthus plumarius
Digitalis purpurea
Digitaria sanguinalis
Diphasiastrum alpinum
Diplotaxis muralis
Diplotaxis tenuifolia
Dipsacus fullonum
Doronicum pardalianches
Draba incana
Draba muralis
Drosera anglica
Drosera intermedia
Drosera rotundifolia
Drosera x *obovata* (*D. anglica* x *rotundifolia*)
Dryas octopetala
Dryopteris aemula
Dryopteris affinis
Dryopteris affinis subsp. *affinis*
Dryopteris affinis subsp. *borreri*
Dryopteris affinis subsp. *cambrensis*
Dryopteris carthusiana
Dryopteris dilatata
Dryopteris filix-mas
Echium vulgare
Elatine hydropiper
Eleocharis acicularis
Eleocharis multicaulis
Eleocharis palustris
Eleocharis quinqueflora
Eleocharis uniglumis
Eleogiton fluitans
Elodea canadensis
Elodea nuttallii
Elymus caninus
Elytrigia atherica
Elytrigia juncea
Elytrigia repens
Elytrigia x *laxa* (*E. juncea* x *repens*)
Elytrigia x *obtusiuscula* (*E. atherica* x *juncea*)
Empetrum nigrum
Empetrum nigrum subsp. *nigrum*
Epilobium brunnescens
Epilobium ciliatum
Epilobium ciliatum x *montanum*
Epilobium hirsutum
Epilobium komarovianum
Epilobium montanum
Epilobium obscurum
Epilobium palustre
Epilobium parviflorum
Epilobium roseum
Epilobium tetragonum
Epilobium x *brunnatum* (*E. brunnescens* x

ciliatum)
Epilobium x *confusilobum* (*E. brunnescens* x *montanum*)
Epilobium x *dacicum* (*E. obscurum* x *parviflorum*)
Epilobium x *obscurescens* (*E. brunnescens* x *obscurum*)
Epilobium x *schmidtianum* (*E. obscurum* x *palustre*)
Epilobuium x *subhirsutum* (*E. hirsutum* x *parviflorum*)
Epipactis helleborine
Epipactis leptochila
Epipactis palustris
Epipactis phyllanthes
Equisetum arvense
Equisetum fluviatile
Equisetum hyemale
Equisetum x *trachyodon* (*E. hyemale* x *variegatum*)
Equisetum palustre
Equisetum pratense
Equisetum sylvaticum
Equisetum telmateia
Equisetum variegatum
Equisetum x *font-queri* (*E. palustre* x *telmateia*)
Equisetum x *litorale* (*E. arvense* x *fluviatile*)
Erica cinerea
Erica erigena
Erica tetralix
Erica vagans
Erigeron karvinskianus
Erinus alpinus
Eriophorum angustifolium
Eriophorum latifolium
Eriophorum vaginatum
Erodium cicutarium
Erodium cicutarium subsp. *cicutarium*
Erodium lebelii
Erodium moschatum
Erophila glabrescens
Erophila verna
Eryngium maritimum
Erysimum cheiranthoides
Erysimum cheiri
Erythronium denscanis
Escallonia macrantha
Eschscholzia californica
Eucalyptus globulus
Euonymus europaeus
Eupatorium cannabinum
Euphorbia amygdaloides
Euphorbia exigua
Euphorbia helioscopia
Euphorbia hyberna
Euphorbia lathyris
Euphorbia paralias
Euphorbia peplus
Euphorbia portlandica
Euphrasia anglica
Euphrasia arctica subsp. *borealis*
Euphrasia arctica x *nemorosa*
Euphrasia arctica x *scottica*
Euphrasia confusa
Euphrasia micrantha
Euphrasia micrantha x *tetraquetra*
Euphrasia nemorosa
Euphrasia officinalis agg.
Euphrasia rostkoviana
Euphrasia scottica
Euphrasia tetraquetra
Euphrasia x *pratiuscula* (*E. arctica* x *tetraquetra*)
Fagus sylvatica
Fallopia baldschuanica
Fallopia convolvulus
Fallopia japonica
Fallopia sachalinensis
Fallopia x *bohemica* (*F. japonica* x *sachalinensis*)
Festuca altissima
Festuca arundinacea
Festuca filiformis
Festuca gigantea
Festuca ovina
Festuca ovina subsp. *ovina*
Festuca pratensis
Festuca pratensis x *Lolium multiflorum* (*x Festulolium braunii*)
Festuca pratensis x *Lolium perenne* (*x Festulolium loliaceum*)
Festuca rubra
Festuca rubra subsp. *rubra*
Festuca vivipara
Filago minima
Filago vulgaris
Filipendula ulmaria
Foeniculum vulgare
Fragaria vesca
Fragaria x *ananassa*
Frangula alnus
Fraxinus excelsior
Fuchsia magellanica
Fumaria bastardii
Fumaria capreolata
Fumaria densiflora
Fumaria muralis
Fumaria muralis subsp. *boraei*
Fumaria officinalis
Fumaria purpurea
Galanthus nivalis
Galeopsis bifida
Galeopsis ladanum
Galeopsis segetum
Galeopsis speciosa
Galeopsis tetrahit
Galinsoga parviflora
Galium aparine
Galium boreale
Galium mollugo
Galium odoratum
Galium palustre
Galium palustre subsp. *elongatum*

Galium palustre subsp. *palustre*
Galium saxatile
Galium sterneri
Galium tricornutum
Galium verum
Gaultheria mucronata
Gentianella campestris
Geranium columbinum
Geranium dissectum
Geranium endressii
Geranium lucidum
Geranium molle
Geranium phaeum
Geranium pratense
Geranium pyrenaicum
Geranium robertianum
Geranium sylvaticum
Geranium x *oxonianum* (*G. endressii* x *versicolor*)
Geum rivale
Geum urbanum
Geum x *intermedium* (*G. rivale* x *urbanum*)
Glaux maritima
Glechoma hederacea
Glyceria declinata
Glyceria fluitans
Glyceria maxima
Glyceria notata
Glyceria x *pedicellata* (*Glyceria fluitans* x *notata*)
Gnaphalium sylvaticum
Gnaphalium uliginosum
Griselinia littoralis
Groenlandia densa
Gunnera tinctoria
Gymnadenia conopsea
Gymnadenia conopsea subsp. *borealis*
Gymnadenia conopsea subsp. *densiflora*
Gymnocarpium dryopteris
Hammarbya paludosa
Hebe salicifolia
Hebe x *franciscana* (*H. elliptica* x *speciosa*)
Hebe x *franciscana 'Blue Gem'*
Hedera helix
Hedera helix subsp. *helix*
Hedera helix subsp. *hibernica*
Helianthus annuus
Helictotrichon pubescens
Helleborus foetidus
Heracleum mantegazzianum
Heracleum sphondylium
Heracleum sphondylium subsp. *sphondylium*
Hesperis matronalis
Hieracium ampliatum
Hieracium anglicum
Hieracium basalticola
Hieracium britannicum
Hieracium caledonicum
Hieracium cinderella
Hieracium duriceps
Hieracium flocculosum
Hieracium grandidens
Hieracium hebridense
Hieracium iricum
Hieracium lasiophyllum
Hieracium latobrigorum
Hieracium maculatum
Hieracium orcadense
Hieracium perpropinquum
Hieracium pulmonarioides
Hieracium sabaudum
Hieracium sect. Cerinthoidea
Hieracium sect. Foliosa
Hieracium sect. Foliosa
Hieracium sect. Oreadea
Hieracium sect. Vulgata
Hieracium strictiforme
Hieracium subcrocatum
Hieracium vulgatum
Hierochloe odorata
Hippophae rhamnoides
Hippuris vulgaris
Hirschfeldia incana
Holcus lanatus
Holcus mollis
Honckenya peploides
Hordelymus europaeus
Hordeum distichon
Hordeum jubatum
Hordeum murinum
Hordeum secalinum
Hordeum vulgare
Hottonia palustris
Humulus lupulus
Huperzia selago
Hyacinthoides hispanica
Hyacinthoides hispanica x *non-scripta*
Hyacinthoides non-scripta
Hyacinthus orientalis
Hydrocharis morsus-ranae
Hydrocotyle ranunculoides
Hydrocotyle vulgaris
Hymenophyllum tunbrigense
Hymenophyllum wilsonii
Hyoscyamus niger
Hypericum androsaemum
Hypericum calycinum
Hypericum elodes
Hypericum hirsutum
Hypericum humifusum
Hypericum maculatum
Hypericum maculatum subsp. *obtusiusculum*
Hypericum perforatum
Hypericum pulchrum
Hypericum tetrapterum
Hypericum x *inodorum* (*H. androsaemum* x *hircinum*)
Hypochaeris glabra
Hypochaeris radicata
Iberis umbellata
Ilex aquifolium
Ilex x *altaclerensis* (*I. aquifolium* x *perado*)

Impatiens glandulifera
Inula helenium
Iris foetidissima
Iris pseudacorus
Isoetes lacustris
Isolepis cernua
Isolepis setacea
Jasione montana
Juglans regia
Juncus acutiflorus
Juncus ambiguus
Juncus articulatus
Juncus bufonius
Juncus bulbosus
Juncus bulbosus subsp. bulbosus
Juncus conglomeratus
Juncus effusus
Juncus foliosus
Juncus gerardii
Juncus inflexus
Juncus maritimus
Juncus squarrosus
Juncus subnodulosus
Juncus tenuis
Juncus x *diffusus* (*J. inflexus x effusus*)
Juncus x *surrejanus* (*J. articulatus* x *acutiflorus*)
Juniperus communis
Juniperus communis subsp. *alpina*
Knautia arvensis
Koeleria macrantha
Koeleria macrantha x *vallesiana*
Laburnum alpinum
Laburnum anagyroides
Laburnum x *watereri* (*L. alpinum* x *anagyroides*)
Lactuca serriola
Lactuca virosa
Lamiastrum galeobdolon
Lamiastrum galeobdolon subsp. *argentatum*
Lamiastrum galeobdolon subsp. *montanum*
Lamium album
Lamium amplexicaule
Lamium confertum
Lamium hybridum
Lamium maculatum
Lamium purpureum
Lappula squarrosa
Lapsana communis
Larix decidua
Larix kaempferi
Lathraea squamaria
Lathyrus aphaca
Lathyrus japonicus
Lathyrus latifolius
Lathyrus linifolius
Lathyrus palustris
Lathyrus pratensis
Lavatera arborea
Lemna gibba
Lemna minor
Lemna trisulca
Leontodon autumnalis
Leontodon autumnalis subsp. *pratensis*
Leontodon hispidus
Leontodon saxatilis
Leonurus cardiaca
Lepidium campestre
Lepidium draba
Lepidium heterophyllum
Lepidium ruderale
Lepidium sativum
Lepidium virginicum
Leucanthemella serotina
Leucanthemum vulgare
Leucanthemum x *superbum* (*L. lacustre* x *maximum*)
Leucojum aestivum
Levisticum officinale
Leycesteria formosa
Leymus arenarius
Ligusticum scoticum
Ligustrum ovalifolium
Ligustrum vulgare
Limnanthes douglasii
Limonium humile
Linaria purpurea
Linaria repens
Linaria vulgaris
Linum bienne
Linum catharticum
Linum usitatissimum
Liriodendron tulipifera
Listera cordata
Listera ovata
Lithospermum officinale
Littorella uniflora
Lobelia dortmanna
Lobelia erinus
Lobularia maritima
Lolium multiflorum
Lolium perenne
Lolium remotum
Lolium temulentum
Lonicera caprifolium
Lonicera nitida
Lonicera periclymenum
Lonicera pileata
Lotus corniculatus
Lotus glaber
Lotus pedunculatus
Lunaria annua
Lupinus arboreus
Lupinus polyphyllus
Lupinus x *regalis* (*L. arboreus* x *polyphyllus*)
Luzula campestris
Luzula multiflora
Luzula multiflora subsp. *congesta*
Luzula multiflora subsp. *multiflora*
Luzula pallidula
Luzula pilosa
Luzula sylvatica

Lychnis coronaria
Lychnis flos-cuculi
Lycium barbarum
Lycium chinense
Lycopersicon esculentum
Lycopodium clavatum
Lycopus europaeus
Lysichiton americanus
Lysimachia nemorum
Lysimachia nummularia
Lysimachia punctata
Lysimachia vulgaris
Lythrum portula
Lythrum salicaria
Mahonia aquifolium
Malus domestica
Malus sylvestris
Malva moschata
Malva neglecta
Malva sylvestris
Matricaria discoidea
Matteuccia struthiopteris
Meconopsis cambrica
Medicago arabica
Medicago lupulina
Medicago sativa
Medicago sativa subsp. *falcata*
Medicago sativa subsp. *sativa*
Melampyrum pratense
Melampyrum sylvaticum
Melica uniflora
Melilotus albus
Melilotus altissimus
Melilotus indicus
Melilotus officinalis
Mentha aquatica
Mentha arvensis
Mentha pulegium
Mentha spicata
Mentha suaveolens
Mentha x *gracilis* (*M. arvensis* x *spicata*)
Mentha x *piperita* (*M. aquatica* x *spicata*)
Mentha x *rotundifolia* (*M. longifolia* x *suaveolens*)
Mentha x *rotundifolia* var. *webberi*
Mentha x *verticillata* (*M. aquatica* x *arvensis*)
Mentha x *villosonervata* (*M. longifolia* x *spicata*)
Menyanthes trifoliata
Mercurialis perennis
Mertensia maritima
Meum athamanticum
Milium effusum
Mimulus guttatus
Mimulus luteus
Mimulus moschatus
Mimulus spp. agg.
Mimulus x *robertsii* (*M. guttatus* x *luteus*)
Minuartia verna
Moehringia trinervia
Molinia caerulea
Molinia caerulea subsp. *arundinacea*
Molinia caerulea subsp. *caerulea*
Monotropa hypopitys
Monotropa hypopitys subsp. *hypopitys*
Montia fontana
Montia fontana subsp. *amporitana*
Montia fontana subsp. *minor*
Morus alba
Muscari armeniacum
Mycelis muralis
Myosotis arvensis
Myosotis discolor
Myosotis laxa
Myosotis ramosissima
Myosotis scorpioides
Myosotis secunda
Myosotis sylvatica
Myrica gale
Myriophyllum alterniflorum
Myriophyllum spicatum
Myriophyllum verticillatum
Myrrhis odorata
Narcissus pseudonarcissus
Nardus stricta
Narthecium ossifragum
Nasturtium officinale agg.
Neottia nidus-avis
Nigella damascena
Nuphar lutea
Nymphaea alba
Nymphoides peltata
Odontites vernus
Odontites vernus subsp. *serotinus*
Odontites vernus subsp. *vernus*
Oenanthe aquatica
Oenanthe crocata
Oenanthe fistulosa
Oenanthe lachenalii
Oenothera biennis
Oenothera glazioviana
Olearia macrodonta
Ononis repens
Ononis repens subsp. *repens*
Onopordum acanthium
Ophioglossum vulgatum
Ophrys apifera
Orchis mascula
Oreopteris limbosperma
Origanum vulgare
Orobanche alba
Orobanche hederae
Orobanche minor
Orthilia secunda
Osmunda regalis
Oxalis acetosella
Oxalis articulata
Oxalis corniculata
Oxalis exilis
Oxalis incarnata
Oxalis stricta
Panicum miliaceum

Papaver argemone
Papaver dubium
Papaver dubium subsp. *dubium*
Papaver dubium subsp. *lecoqii*
Papaver rhoeas
Papaver somniferum
Parapholis strigosa
Parentucellia viscosa
Parietaria judaica
Parnassia palustris
Parnassia palustris L. var condensata
Parthenocissus quinquefolia
Pastinaca sativa
Pedicularis palustris
Pedicularis sylvatica
Pedicularis sylvatica subsp. *hibernica*
Pedicularis sylvatica subsp. *sylvatica*
Pentaglottis sempervirens
Persicaria amphibia
Persicaria amplexicaulis
Persicaria bistorta
Persicaria campanulata
Persicaria hydropiper
Persicaria lapathifolia
Persicaria laxiflora
Persicaria maculosa
Persicaria minor
Persicaria wallichii
Petasites albus
Petasites fragrans
Petasites hybridus
Phalaris arundinacea
Phalaris canariensis
Phegopteris connectilis
Philadelphus coronarius
Philadelphus x *virginalis* (*P. coronarius* x *microphyllus* x *pubescens*)
Phleum arenarium
Phleum bertolonii
Phleum pratense
Phragmites australis
Phyllitis scolopendrium
Phytolacca americana
Picea abies
Picea sitchensis
Picris echioides
Picris hieracioides
Pilosella aurantiaca
Pilosella aurantiaca subsp. *aurantiaca*
Pilosella aurantiaca subsp. *carpathicola*
Pilosella officinarum
Pilosella x *floribunda*
Pilularia globulifera
Pimpinella major
Pimpinella saxifraga
Pinguicula lusitanica
Pinguicula vulgaris
Pinus nigra
Pinus sylvestris
Pisum sativum
Pittosporum tenuifolium
Plantago arenaria
Plantago coronopus
Plantago lanceolata
Plantago major
Plantago major subsp. *intermedia*
Plantago major subsp. *major*
Plantago maritima
Plantago media
Platanthera bifolia
Platanthera chlorantha
Platanus x *hispanica* (*P. occidentalis* x *orientalis*)
Poa annua
Poa compressa
Poa humilis
Poa nemoralis
Poa palustris
Poa pratensis
Poa trivialis
Polygala serpyllifolia
Polygala vulgaris
Polygala vulgaris subsp. *vulgaris*
Polygonatum multiflorum
Polygonatum odoratum
Polygonatum x *hybridum* (*P. multiflorum* x *odoratum*)
Polygonum arenastrum
Polygonum aviculare
Polygonum oxyspermum
Polypodium cambricum
Polypodium interjectum
Polypodium vulgare
Polypodium x *bicknellii* (*P. aculeatum* x *setiferum*)
Polypodium x *font-queri* (*P. cambricum* x *vulgare*)
Polypodium x *mantoniae* (*P. interjectum* x *vulgare*)
Polypodium x *shivasiae* (*P. cambricum* x *interjectum*)
Polypogon monspeliensis
Polystichum aculeatum
Polystichum setiferum
Populus alba
Populus nigra
Populus tremula
Populus x *canadensis* (*P. deltoides* x *nigra*)
Populus x *canescens* (*P. alba* x *tremula*)
Potamogeton alpinus
Potamogeton berchtoldii
Potamogeton crispus
Potamogeton filiformis
Potamogeton gramineus
Potamogeton lucens
Potamogeton natans
Potamogeton obtusifolius
Potamogeton pectinatus
Potamogeton perfoliatus
Potamogeton polygonifolius
Potamogeton praelongus
Potamogeton pusillus
Potamogeton x *cooperi* (*P. perfoliatus* x *crispus*)

Potamogeton x *lintonii* (*P. crispus* x *friesii*)
Potamogeton x *nitens* (*P. gramineus* x *perfoliatus*)
Potamogeton x *sparganiifolius* (*P. natans* x *gramineus*)
Potamogeton x *undulatus* (*P. crispus* x *praelongus*)
Potamogeton x *zizii* (*P. lucens* x *gramineus*)
Potentilla anglica
Potentilla anserina
Potentilla erecta
Potentilla erecta subsp. *erecta*
Potentilla erecta subsp. *strictissima*
Potentilla fruticosa
Potentilla norvegica
Potentilla palustris
Potentilla reptans
Potentilla sterilis
Potentilla x *mixta* (*P. anglica or erecta* x *reptans*)
Potentilla x *suberecta* (*P. erecta* x *anglica*)
Pratia angulata
Primula veris
Primula vulgaris
Primula x *polyantha* (*P. veris* x *vulgaris*)
Prunella vulgaris
Prunus avium
Prunus cerasifera
Prunus cerasus
Prunus domestica
Prunus domestica subsp. *domestica*
Prunus domestica subsp. *insititia*
Prunus domestica subsp. *italica*
Prunus laurocerasus
Prunus lusitanica
Prunus padus
Prunus serotina
Prunus spinosa
Pseudofumaria lutea
Pseudorchis albida
Pseudosasa japonica
Pseudotsuga menziesii
Pteridium aquilinum
Puccinellia distans
Puccinellia distans subsp. *distans*
Puccinellia maritima
Puccinellia rupestris
Pulicaria dysenterica
Pulmonaria officinalis
Pyrola media
Pyrola minor
Pyrus communis
Quercus cerris
Quercus petraea
Quercus robur
Quercus x *rosacea* (*Q. petraea* x *robur*)
Radiola linoides
Ranunculus acris
Ranunculus aquatilis
Ranunculus auricomus
Ranunculus bulbosus
Ranunculus circinatus
Ranunculus ficaria
Ranunculus ficaria subsp. *bulbilifer*
Ranunculus ficaria subsp. *ficaria*
Ranunculus flammula
Ranunculus flammula subsp. *flammula*
Ranunculus fluitans
Ranunculus hederaceus
Ranunculus lingua
Ranunculus peltatus
Ranunculus penicillatus
Ranunculus penicillatus subsp. *penicillatus*
Ranunculus repens
Ranunculus sceleratus
Ranunculus trichophyllus
Ranunculus x *kelchoensis* (*R. fluitans* x *peltatus*)
Ranunculus x *levenensis* (*R. flammula* x *reptans*)
Raphanus raphanistrum
Raphanus raphanistrum subsp. *maritimus*
Reseda lutea
Reseda luteola
Rhamnus cathartica
Rheum x *hybridum* (*R. palmatum* x *rhaponticum*)
Rhinanthus minor
Rhinanthus minor subsp. *monticola*
Rhinanthus minor subsp. *stenophyllus*
Rhododendron ponticum
Rhynchospora alba
Ribes alpinum
Ribes nigrum
Ribes rubrum
Ribes sanguineum
Ribes uva-crispa
Rorippa amphibia
Rorippa islandica
Rorippa microphylla
Rorippa nasturtium-aquaticum
Rorippa palustris
Rorippa sylvestris
Rorippa x *sterilis* (*R. microphylla* x *nasturtium-aquaticum*)
Rosa arvensis
Rosa caesia subsp. *caesia*
Rosa caesia subsp. *caesia* x *R. canina*
Rosa caesia subsp. *vosagiaca*
Rosa canina
Rosa canina x *R. caesia* subpp. *vosagiaca*
Rosa mollis
Rosa multiflora
Rosa pimpinellifolia
Rosa rubiginosa
Rosa rugosa
Rosa sherardii
Rosa x *andegavensis* (*R. stylosa* x *canina*)
Rosa x *dumalis* (*R. canina* x *caesia*)
Rosa x *hibernica* (*R. pimpinellifolia* x *canina*)
Rosa x *involuta* (*R. pimpinellifolia* x *sherardii*)
Rosa x *margerisonii* (*R. pimpinellifolia* x *caesia*)
Rosa x *praegeri* (*R. rugosa* x *canina*)
Rosa x *suberecta* (*R. rubiginosa* x *sherardii*)
Rubus anisacanthos

Rubus caesius
Rubus dasyphyllus
Rubus dunensis
Rubus echinatoides
Rubus fruticosus agg.
Rubus hebridensis
Rubus idaeus
Rubus incurvatus
Rubus infestus
Rubus lanaticaulis
Rubus latifolius
Rubus lettii
Rubus lindleianus
Rubus mucronulatus
Rubus nessensis
Rubus plicatus
Rubus polyanthemus
Rubus radula
Rubus raduloides
Rubus rhombifolius
Rubus saxatilis
Rubus scissus
Rubus spectabilis
Rubus subinermoides
Rubus tavensis
Rubus tricolor
Rubus ulmifolius
Rubus vestitus
Rubus wirralensis
Rumex acetosa
Rumex acetosa subsp. *acetosa*
Rumex acetosella
Rumex acetosella subsp. *acetosella*
Rumex acetosella subsp. *pyrenaicus*
Rumex conglomeratus
Rumex crispus
Rumex crispus subsp. *crispus*
Rumex crispus subsp. *littoreus*
Rumex hydrolapathum
Rumex obtusifolius
Rumex pseudoalpinus
Rumex sanguineus
Rumex x *pratensis* (*R. crispus* x *obtusifolius*)
Rumex x *ruhmeri* (*R. conglomeratus* x *sanguineus*)
Rumex. x *schulzei* (*R. crispus* x *conglomeratus*)
Ruppia cirrhosa
Ruppia maritima
Ruscus aculeatus
Sagina apetala
Sagina apetala subsp. *apetala*
Sagina apetala subsp. *erecta*
Sagina maritima
Sagina nodosa
Sagina procumbens
Sagina subulata
Sagittaria sagittifolia
Salicornia europaea
Salix alba
Salix aurita
Salix babylonica
Salix caprea
Salix caprea subsp. *caprea*
Salix cinerea
Salix cinerea subsp. *cinerea*
Salix cinerea subsp. *oleifolia*
Salix cinerea x *myrsinifolia*
Salix fragilis
Salix herbacea
Salix lapponum
Salix myrsinifolia
Salix pentandra
Salix phylicifolia
Salix purpurea
Salix repens
Salix triandra
Salix viminalis
Salix x *ambigua* (*S. aurita* x *repens*)
Salix x *calodendron* (*S. viminalis* x *caprea* x *cinerea*)
Salix x *capreola* (*S. caprea* x *aurita*)
Salix x *coriacea* (*S.x aurita* x *myrsinifolia*)
Salix x *forbyana* (*S. cinerea* x *purpurea* x *viminalis*)
Salix x *fruticosa* (*S. aurita* x *viminalis*)
Salix x *laschiana* (*S. caprea* x *repens*)
Salix x *latifolia* (*S. caprea* x *myrsinifolia*)
Salix x *ludificans* (*S. aurita* x *phylicifolia*)
Salix x *meyeriana* (*S. fragilis* x *pentandra*)
Salix x *mollissima* (*S. triandra* x *viminalis*)
Salix x *mollissima* nothovar. *undulata*
Salix x *multinervis* (*S. aurita* x *cinerea*)
Salix x *reichardtii* (*S. caprea* x *cinerea*)
Salix x *rubra* (*S. purpurea* x *viminalis*)
Salix x *sericans* (*S. caprea* x *viminalis*)
Salix x *smithiana* (*S. cinerea* x *viminalis*)
Salix x *stipularis* (*S. aurita* x *caprea* x *viminalis*)
Salix x *subsericea* (*S. cinerea* x *repens*)
Salsola kali
Salvia verbenaca
Sambucus ebulus
Sambucus nigra
Samolus valerandi
Sanguisorba minor
Sanguisorba minor subsp. *minor*
Sanguisorba officinalis
Sanicula europaea
Saponaria officinalis
Sasa palmata
Saxifraga aizoides
Saxifraga cymbalaria
Saxifraga granulata
Saxifraga hirculus
Saxifraga hirsuta
Saxifraga hypnoides
Saxifraga tridactylites
Saxifraga umbrosa
Saxifraga x *geum* (*S. hirsuta* x *umbrosa*)
Saxifraga x *urbium* (*S. spathularis* x *umbrosa*)
Scabiosa columbaria
Scandix pecten-veneris

Schoenoplectus lacustris
Schoenoplectus tabernaemontani
Schoenus nigricans
Scilla verna
Scirpoides holoschoenus
Scirpus sylvaticus
Scleranthus annuus
Scrophularia auriculata
Scrophularia nodosa
Scutellaria galericulata
Sedum acre
Sedum album
Sedum anglicum
Sedum forsterianum
Sedum lydium
Sedum rosea
Sedum rupestre
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Sedum telephium
Sedum telephium subsp. *fabaria*
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Sempervivum tectorum
Senecio aquaticus
Senecio fluviatilis
Senecio inaequidens
Senecio jacobaea
Senecio squalidus
Senecio sylvaticus
Senecio viscosus
Senecio vulgaris
Senecio x *albescens* (*S. cineraria* x *jacobaea*)
Senecio x *baxteri* (*S. squalidus* x *vulgaris*)
Senecio x *ostenfeldii* (*S. aquaticus* x *jacobaea*)
Senecio x *subnebrodensis* (*S. squalidus* x *viscosus*)
Sequoia sempervirens
Sequoiadendron giganteum
Serratula tinctoria
Setaria pumila
Sherardia arvensis
Sibthorpia europaea
Silene dioica
Silene gallica
Silene latifolia
Silene latifolia subsp. *alba*
Silene noctiflora
Silene uniflora
Silene vulgaris
Silene vulgaris subsp. *vulgaris*
Silene x *hampeana* (*S. dioica* x *latifolia*)
Silybum marianum
Sinacalia tangutica
Sinapis alba
Sinapis arvensis
Sisymbrium altissimum
Sisymbrium irio
Sisymbrium officinale
Sisymbrium orientale
Sisymbrium strictissimum
Sisyrinchium bermudiana
Smyrnium olusatrum
Solanum dulcamara
Solanum nigrum
Solanum tuberosum
Soleirolia soleirolii
Solidago canadensis
Solidago gigantea
Solidago virgaurea
Sonchus arvensis
Sonchus asper
Sonchus oleraceus
Sorbus aria
Sorbus aucuparia
Sorbus hibernica
Sorbus intermedia
Sorbus rupicola
Sorbus x *thuringiaca* (*S. aria* x *aucuparia*)
Sparganium angustifolium
Sparganium emersum
Sparganium erectum
Sparganium erectum subsp. *neglectum*
Sparganium natans
Spergula arvensis
Spergularia marina
Spergularia media
Spergularia rubra
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Spiraea alba
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Spiraea x *billardii* (*S. alba* x *douglasii*)
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Spiranthes romanzoffiana
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Symphoricarpos albus
Symphoricarpos x *chenaultii* (*S. microphyllus* x *orbicularis*)
Symphytum asperum
Symphytum officinale
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Syringa vulgaris
Tanacetum macrophyllum
Tanacetum parthenium

Tanacetum vulgare
Taraxacum aequilobum
Taraxacum argutum
Taraxacum aurosulum
Taraxacum bracteatum
Taraxacum britannicum
Taraxacum croceiflorum
Taraxacum cyanolepis
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Taraxacum ekmannii
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Taraxacum fulgidum
Taraxacum fulviforme
Taraxacum gelertii
Taraxacum lacistophyllum
Taraxacum nordstedtii
Taraxacum officinale agg.
Taraxacum oxoniense
Taraxacum pectinatiforme
Taraxacum polyodon
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Taraxacum sellandi
Taxus baccata
Teesdalia nudicaulis
Teline linifolia
Tellima grandiflora
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Thalictrum alpinum
Thalictrum flavum
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Thelypteris palustris
Thlaspi arvense
Thuja occidentalis
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Valerianella dentata
Valerianella locusta
Verbascum nigrum
Verbascum thapsus
Verbascum virgatum
Verbena officinalis
Veronica acinifolia
Veronica agrestis
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Veronica beccabunga
Veronica catenata
Veronica chamaedrys
Veronica filiformis
Veronica hederifolia
Veronica hederifolia subsp. *hederifolia*
Veronica montana
Veronica officinalis
Veronica peregrina
Veronica persica
Veronica polita
Veronica scutellata
Veronica serpyllifolia
Veronica serpyllifolia subsp. *serpyllifolia*
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Vicia cracca
Vicia faba
Vicia hirsuta

Vicia lathyroides
Vicia lutea
Vicia orobus
Vicia sativa
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Vicia sativa subsp. *sativa*
Vicia sativa subsp. *segetalis*
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x *Cupressocyparis leylandii*
Zannichellia palustris
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