

I. parviflora DC.**Small Balsam**

21 Trinity College Dublin 1980, abundant between Biochemistry and Zoology buildings in shaded damp ground (*FID 1984*), and still there 2001 (J. Reynolds). By bridge over River Tolka N of Ashtown 1985 at base of wall, and nearby (*FDub 1998*).

ARALIACEAE**Hedera** L.**H. colchica** (K. Koch) K. Koch**Persian Ivy**

38 Mountstewart 1984-85, abundantly naturalized in woods close to old gasworks beside Strangford Lough; no fruits seen (*FNE 1992*, **BEL**).

H. helix cf. subsp. **poetarum** Nyman**Yellow-berried Ivy**

38 Near Quoile Interpretative Centre, Downpatrick 2000, roadside hedge; an ivy with orange berries (Hill 2000b).

H. 'Hibernica'**Irish Ivy**

Rare garden escape or relic of cultivation.

40 Bellarena; Umbra, on roadside and railway; Downhill, garden wall; Bishop's Gate; all 1986-87 (*FNE 1992*).

APIACEAE (Umbelliferae)**Hydrocotyle** L.**H. moschata** G. Forst.**Hairy Pennywort**

Rare escape or relic of cultivation, established on Valentia (Valencia) Island. The plants there represent typical New Zealand *H. moschata* (C.J. Webb 1990; see also Clement 1975).

Cens Cat 1.

1 Valentia Island 1958, naturalized on grassy roadside banks at several different places in E half; possibly introduced as a "carpenter" for gardens (D.A. Webb 1959b, **TCD**). S of Knightstown 1963, lane from sea; The Fisheries 1973, on wall (**DBN**). S of Knightstown 1994, in lawn and on wall in front of one house on coast road (Reynolds 1996b, **DBN**).

Astrantia L.**A. major** L.**Astrantia**

36 Greenvale near Cookstown 1980, garden escape (Lambert 1985).

Eryngium L.**E. campestre** L.**Field Eryngo**

Rare casual; no modern records.

3, 6, 21.

3 Sherkin Island 1901, much in one place in old pasture; apparently little more

than a casual there, and probably introduced with imported fodder (Phillips 1901b, Webb 1952, Akeroyd 1996).

6 * Near Lismore 1819, sandy field, probably accidentally introduced (*Cyb* 1866, Phillips 1901b).

21 Sutton 1862 (**DBN**).

Chaerophyllum L.

C. temulum L. (*C. temulentum*)

Rough Chervil

Probably introduced (*Cens Cat*).

Rare; formerly more common on hedgebanks, roadsides and near houses.

Cens Cat **2, 8-11, 13, 14, 18-22, 24, 30-33, 36-40**. Also **6**.

Post-1987 and additional vice-county records, e.g. in **6** at Passage East 1997, single plant on roadside (P. Green), in **21** at Prospect Point 1989 on roadside bank (*FDub* 1998), and in **30** refound at Kilmore 1998 (Reilly 2001).

Anthriscus Pers.

A. cerefolium (L.) Hoffm. (*Chaerophyllum sativum*)

Garden Chervil

Rare garden escape; also from discarded birdseed in a Co. Down garden (G. Day).

* In 19th C, occasional outcast from cultivation and nowhere permanent (*Cyb* 1866, *FNE* 1888).

5 Garryvoe Beach, Ballycotton Bay 1984, stony bank (Wyse Jackson 1995, **TCD**).

Scandix L.

S. pecten-veneris L.

Shepherd's-needle

Probably introduced (*Cens Cat*).

Apparently extinct (Curtis *et al.* 1988, *FNE* 1992); in 19th C, widespread mainly in cultivated ground, but never very common (e.g. *Cyb* 1898, *ITB* 1901), and rare in 20th C.

Cens Cat **1, 2, 4-26, 28-40**, but most of these pre-1950.

Myrrhis Mill.

M. odorata (L.) Scop.

Sweet Cicely

Frequent garden escape or relic of cultivation in N, rare elsewhere; roadsides, sometimes near old houses, and on banks.

* Waste places, always near houses, and no doubt an escape from cultivation (*Cyb* 1866); a well established and familiar plant in NE, Praeger (1915) considered its introduction due to Scottish settlers who held its medicinal properties in high repute.

Cens Cat **16, 20, 22-24, 28-40**.

Post-1970 records:

20 Kilbride, Blessington 1973 (Curtis 1974).

23 Near Glenlough, Rathowen 1974; N of Delvin 1982 (**DBN**).

- 28** Breaghwy 1994, few plants in hedgerow (Cawley 2002).
30 Near Cavan town 1973 (**DBN**). Several locations (Reilly 1989, 2001, **DBN**).
31 Between Rathcor and Bellug Castle; just S of Tullygowan; 1 mile (1.6 km) ESE of Tallanstown, all 1975-76 (Synnott 1977, **DBN**).
32 Opposite Latton church 1972; N of Castleblaney 1975 (**DBN**). Near Corraskea 1984 (**TCD**).
33 Monea 1988 (**BEL**).
36 Occasional, but not regenerating to any great extent (I. McNeill).
38-40 Many sites (*FNE 1992*, **BEL**).

Coriandrum L.

C. sativum L.

Coriander

Rare casual.

6, 8, 21, 39.

6 Lackaroe 2001, disturbed trackside (Green 2002).

8 Limerick (Chase 1928).

21, 39 * 19th C records (*Cyb 1866, FNE 1888, Cyb 1898, FNE 1992, BEL*).

Smyrniium L.

S. olusatrum L.

Alexanders

Widespread and well established, especially near coasts. Considered an alien plant in the British Isles (Clement & Foster 1994), and 'probably introduced' in Ireland (*Cens Cat*).

* Relic of ancient cultivation (e.g. *Cyb 1866, Cyb 1898, FDub 1904*, Scully 1916, Praeger 1934b, Brunner 1950).

Cens Cat **1-40**.

Aegopodium L.

A. podagraria L.

Ground-elder

Widespread and common; established near houses, on roadsides, disturbed ground etc. and also among native vegetation (e.g. Harron 1986); a persistent and troublesome garden weed. Probably originally introduced as a potherb or medicinal plant.

* Already thoroughly established by the mid-19th C and "spread to some wild-looking places" (*Cyb 1866*).

Cens Cat **1-40**.

Aethusa L.

A. cynapium L.

Fool's Parsley

Probably introduced (*Cens Cat*).

Common, mainly in cultivated and waste ground; less frequent than formerly in NE (*FNE 1992*).

Cens Cat **1-40**.

Foeniculum Mill.

F. vulgare Mill. (*F. officinale*) Fennel

Probably introduced (*Cens Cat*).

Occasional; dry banks, roadsides, waste ground and rubbish tips; usually clearly a relic of, or escape from, cultivation (e.g. *Cyb 1866*, *ITB 1901*, Scully 1916, Praeger 1934b, Brunner 1950, Booth 1979, *FID 1984*, *FNE 1992*, Akeroyd 1996).

Cens Cat 1-13, 15, 16, 19-22, 28, 31, 37, 38.

F. vulgare 'Purpureum'

3 Beach at Courtmacsherry, and by road from Baltimore towards Creagh 1993 (SR).

Anethum L.

A. graveolens L. Dill

6 Ardmore 2001, waste ground (Green 2002).

Silaum Mill.

S. silaus (L.) Schinz & Thell. (*Silaus flavescens*, *S. pratensis*) **Pepper-saxifrage**
19th C and early 20th C records as rare casual in NE; some records doubted (*Cyb 1866*, *FNE 1888*, *Cyb 1898*, *FNE 1938*, *FNE 1992*).

Meum Mill.

M. athamanticum Jacq. Spignel

39 Maryville and Cranmore, early 19th C, in lawns; common name given as 'Baldmoney' (*FNE 1888*, *Cyb 1898*).

Bupleurum L.

[*B. rotundifolium* L. Thorow-wax

No reliable records, specimens redetermined as *B. subovatum* (see below).

Cultivated specimen in **DBN**.

20 Windgates, N of Greystones, garden (Ffrench-Mullen 1975); probably referable to *B. subovatum*.]

B. subovatum Link ex Spreng. (*B. protractum*, *B. lancifolium*)

False Thorow-wax

Rare casual; modern records from Dublin and Armagh, and probably introduced with birdseed at the latter site; specimen in **DBN**, dated 1918, grown from seed impurities found in flax imported from Morocco.

20, 21, 37-39.

20 [Record of *B. rotundifolium* in garden at Windgates, N of Greystones probably referable to *B. subovatum* (Ffrench-Mullen 1975).] Near Bray Harbour 1966, one on waste ground (**DBN**).

21 Inchicore 1924, one plant on waste ground (as *B. rotundifolium* in Moffat

- 1924, **DBN**). Liffey Junction, Dublin 1927; North Bull Island causeway 1982 (*FDub 1998*, **DBN**).
- 37** Richhill 1974, one plant in garden, probably from scattered birdseed (Dawson 1976, **BEL**).
- 38** Ormeau Park near King's Bridge, Belfast 1929 (Chase 1930, **BEL**).
- 39** * Stranmillis, bank of River Lagan 1900 and felt works 1904, 1910 (as *B. rotundifolium* in Wear 1923, **BEL**, **DBN**). Dunadry near Antrim 1961 (*FNE 1992*, **BEL**).

Apium L.

A. graveolens L. var. **dulce** (Mill.) DC.

Celery

Rare garden discard or escape; not established.

9, 20, 21, 39.

9 * Inishmore 19th C, probably an escape from cultivation (*FCB 1983*).

20 Very rare inland, only occurs as a relic of cultivation (Brunker 1950).

21 Near St Patrick's Cathedral 1980, waste ground (*FID 1984*).

39 Randalstown 1979, old orchard (**BEL**).

Petroselinum Hill

P. crispum (Mill.) Nyman ex A.W. Hill (*P. sativum*, *Carum petroselinum*)

Garden Parsley

Occasional escape from, or relic of, cultivation; naturalized on ruins, castles, walls, rocks and banks, but showing little tendency to spread; also disturbed ground and rubbish tips. Long known at some sites, e.g. Sherkin Castle, W Cork for at least a century (Akeroyd 1996); Rock of Cashel, S Tipperary (*ITB 1901*), thriving there 1993 (SR); castle ruins in Askeaton, Co. Limerick (*Cyb 1898*, *ITB 1901*), still there 1984-85 (SR); ruins and walls on foreshore at Skerries, Co. Dublin (Colgan 1903, *FDub 1904*, *FDub 1998*); Castle Dargan, Co. Sligo (*ITB 1901*, Cotton & Cawley 1993); and Benburb Castle, Co. Tyrone (Greer 1933, Faulkner 1992). Leaves flat or crisped.

* Well established on ruins, also on rocks and walls (*Cyb 1866*); relic of old "monkish" kitchen-garden at Moyne Abbey, W Mayo (Praeger 1909a).

Cens Cat **1-9, 11, 14-17, 20, 21, 23, 24, 27, 28, 30, 31, 33-36, 38, 40**. Also **12**.

Additional vice-county record:

12 Duncannon 1973, on sea wall in village (**DBN**).

[*P. segetum* (L.) W.D.J. Koch

Corn Parsley

40 Portstewart; doubtful record (*FNE 1888*).]

Ammi L.

A. majus L.

Bullwort

Rare casual; gardens and disturbed ground; some recent introductions probably from discarded birdseed.

21, [38].

21 Portmarnock sands 1821, seen for several years in succession (*Cyb 1898*, Parnell & Webb 1991, **TCD**). Vegetable garden, Kilmacud 1995 (Reynolds 1997e, **DBN**), also 1996, 2001 (C. Arbuckle, **DBN**). Dublin City 1997 (Reynolds 1998c, **DBN**), still at same site 2001 (A. Austin). Garden in Raheny 1998 (P. Grant).

[38 Near Strangford Lough (Lett 1913); reidentified as *Falcaria vulgaris* (Lett 1914).]

Falcaria Fabr.

F. vulgaris Bernh.

Longleaf

Rare casual; one modern record.

38 By Strangford Lough 1912, in sandy soil (as *Ammi majus* in Lett 1913); colony still flourishing in 1914 (Lett 1914, **DBN**). Killard area 1978, roadside (*FNE 1992*).

Carum L.

C. carvi L. (*C. carui*)

Caraway

Rare casual on disturbed ground.

* Occasional in waste places near houses and gardens, but only where seeds accidentally introduced (*Cyb 1866*); in 19th and early 20th C, a widespread casual, but never common except in parts of NE (e.g. *ITB 1901*); few additional records by mid-20th C (e.g. Praeger 1939, Brunner 1944a, *FNE 1992*).

Cens Cat **1-3, 6-9, 12, 15-17, 20, 21, 23-29, 31-40**.

Post-1970 records:

12 Ballyhack 2001, single plant on road verge (Cawley 2002).

20 Ferrybank, Arklow 1995 (C. Brady).

21 Sandyford Industrial Estate 1983; North Bull Island causeway 1988 (*FDub 1998*).

Angelica L.

A. archangelica L. (*Archangelica officinalis*)

Garden Angelica

Rare garden escape; on riverbanks and by seashore; by River Nore for nearly a century.

5, 11, {37, 38}, 39.

5 * Near Cork and near Midleton (Allin 1883).

11 Bank of River Nore below Kilkenny 1903, and on islets in mid-stream where plants were clearly self-sown (Praeger 1903b), also 1909 (**DBN**). By River Nore at Inistioge 1972, among riverside vegetation (Breen 1973), also 1973 (**DBN**). Thomastown by River Nore 1999 (P. Green).

{37-39 Cultivated in several gardens in NE for many years (Lett 1903) – in response to Praeger's record (see **11** above) and statement that he had not come across this as a plant of cultivation.}

39 Between Ballintoy and Carrick-a-rede c.1896, old quarry (Wear 1923). Kilroot 1987-88, few plants by seashore (Beesley 1988, 1993b, **BEL**).

Levisticum Hill**L. officinale** W.D.J. Koch**Lovage**

Rare relic of, or escape from, cultivation.

9, 38, 39.**9** * Near Ballynacally 1892, salt marshes by River Fergus; voucher specimen redetermined by SR (as *Peucedanum ostruthium* in *Cyb 1898*, Praeger 1909a, Wyse Jackson 1995; **DBN**).**38** Ormeau Embankment, Belfast 1961-64, waste ground opposite gas works (Carrothers 1964).**39** Kilwaughter Castle near Larne 1982, old garden (*FNE 1992*, **BEL**).**Peucedanum L.****P. ostruthium** (L.) W.D.J. Koch**Masterwort**

Infrequent escape or relic of cultivation in N; roadsides, and persisting along one river in Co. Tyrone (see below).

* Ballydolaghan, Co. Down, appearing "perfectly wild" in old hedges, but no doubt introduced as also in Cos Waterford and Antrim (*Cyb 1866*); like *Myrrhis odorata*, Praeger (1915) considered this to have been introduced into the N with Scottish settlers who valued its medicinal properties; quite common in NE in 19th and early 20th C (e.g. *Cyb 1898*, Praeger 1893c, 1929a, 1934b, 1946, Greer 1916).*Cens Cat* **36-40**. Also **6, 6/7**, [9].

Post-1970 and additional vice-county records:

6 Near Lismore and Tallow, on the hill of Slatwood (*Cyb 1866*, *Atlas 1962*).**6/7** By River Suir a couple of miles above Clonmel (Hart 1885).[9] Near Ballynacally, salt marshes by River Fergus (*Cyb 1898*, Praeger 1909a, Wyse Jackson 1995); voucher specimen, dated 1892, redetermined as *Levisticum officinale* (**DBN**).]**36** Along Glenelly River, colonising the river bank; and ten relict roadside sites, showing no signs of regeneration (McNeill 1994). On banks of Glenelly River, in small scattered clumps usually in the shade of mature Sycamore (Preston & Stone 1999).**37** Mullyard, SW of Derrynoose 1983, roadside opposite derelict cottage (**BEL**).**38** Still at Legananny Dolmen 1974 (*FNE 1992*); first noted there 1952 (Kertland 1972).**40** Roadside N of Moneyneany, NW of Draperstown 1981 (*FNE 1992*).**Pastinaca L.****P. sativa** L. (*Peucedanum sativum*)**Parsnip**Infrequent casual, but persistent in places; waste ground, roadsides, quarries and sandy ground; known on the remains of an esker in Dublin City since before 1794 (*FDub 1998*) and in sandy ground at Magilligan, Co. Derry since 19th C (*FNE 1992*); sometimes an obvious relic of, or escape from, cultivation. On resown road verges, e.g. N of Newtownmountkennedy, Co. Wicklow 1999, and

introduced with wild flower seed mixture at Cabinteely Park, Co. Dublin 2001 (SR); many plants in disused quarry in Co. Antrim (Beesley 1994).

* Banks, borders of fields, quarries and cultivated land; rare (*Cyb 1866*).

Cens Cat **1-12, 14-16, 18-22, 25, 27, 30, 31, 33-40**. Also **28**.

Post-1970 records:

e.g. **3** (Akeroyd 1996), **6** (Ferguson & Ferguson 1974; Kinsalebeg and Curragh 1997, P. Green and I. Green), **9** (Webb 1980), **12** (O'Sullivan & Doogue 1973, FitzGerald 1996, **TCD**), **16** (*FCB 1983*, **TCD**), **20** (**DBN**: N of Newtownmountkennedy 1999), **21** (*FID 1984, FDub 1998, TCD*), **22** (**DBN**: Nobber 1971), **28** (Cawley 2002), **37** (Dawson 1983), **38** (*FBel 1997*), **39** (Beesley 1994, *FBel 1997*) and **40** (*FNE 1992*).

Heracleum L.

H. mantegazzianum Sommier & Levier (*H. villosum*, *H. giganteum*)

Giant Hogweed

Widespread escape from cultivation, locally abundant; naturalized and invasive particularly in damp ground along rivers and streams; also on roadsides and waste ground, and more rarely walls and rubbish tips; seeds freely, often forming dense stands and competing with native vegetation. Difficult to eradicate; a potential threat to fishery rivers, and a public health hazard due to its toxic sap which causes severe dermatitis (Wyse Jackson 1989, Wade *et al.* 1997); prohibited by Wildlife (Northern Ireland) Order, 1985. *H. mantegazzianum* also hybridizes with native *H. sphondylium* L.

* Pre-1866 specimen from Phoenix Park, Dublin (Reilly 1993, **TCD**). First noted as an escape from cultivation in Co. Dublin 1902-03, Colgan predicted that this species could become quite naturalized (*FDub 1904*); Praeger (1939) added records for Newport River in Limerick and N Tipperary, and by two streams in Fermanagh and Tyrone; by mid-20th C, *H. mantegazzianum* had been recorded from some 13 vice-counties. The main expansion in range occurred in the second half of the 20th C, and there are records for over 30 vice-counties since the early 1970s; see Wyse Jackson (1989) for early history and records up to late 1980s, and since then, e.g. Scannell 1991, Beesley 1992, 1993a, *FNE 1992*, Lucey 1994, Wyse Jackson 1995, Bowering *et al.* 1995, *FBel 1997, FDub 1998*, Wann 1999. *Cens Cat* **1, 4, 5, 8-10, 13, 16, 17, 20-22, 28, 30-34, 36-40**. Also **3, 6, 7, 15, 18, 19, 23, 25, 27, 35**.

Additional vice-county records:

See Wyse Jackson (1989).

6 About Dungarvan, but rare (P. Green).

6, 7 Clonmel area 1997, well established on banks of River Suir (P. Green and I. Green).

[*Torilis* Adans.

T. arvensis (Huds.) Link (*T. infesta*, *Caucalis arvensis*) Spreading Hedge-parsley
21 Howth, casual (Hart 1897, *FDub 1904*); a record of '*T. infesta*' in Co. Down

proved to be *Anthriscus caucalis* M. Bieb. (as *A. vulgaris* in *Cyb 1866*), and this was possibly also the plant on Howth.]

[*Caucalis* L.

C. platycarpus L. (*C. daucooides*) Small Bur-parsley
 38 Comber distillery, early 1900s, waste ground (*FNE 1938, FNE 1992*);
 voucher specimen determined by M.J. Southam as *Torilis nodosa* with long
 peduncles (**BEL**).]

Turgenia Hoffm.

T. latifolia (L.) Hoffm. (*Caucalis latifolia*) Greater Bur-parsley
 38 Comber Distillery, early 1900s, waste ground (*FNE 1938, FNE 1992, BEL*);
 introduced with grain.

Daucus L.

D. carota subsp. **sativus** (Hoffm.) Arcang. Carrot
 Rare escape from cultivation.

8, 21.

8 Beside King John's Castle, Limerick City 1992, in sandy ground with
Petroselinum crispum (SR).

21 * Dublin City (*FID 1984*).

APOCYNACEAE

Vinca L.

V. difformis Pourr. Intermediate Periwinkle
6 Curragh 1997, roadside (P. Green and I. Green).

V. major L.

Greater Periwinkle
 Common relic of cultivation, also occasional garden escape or discard; roadsides
 and hedgerows; more rarely woodland and waste ground; sometimes purple-
 flowered.

* In 19th C, naturalized where originally planted, also escape or outcast (e.g. *Cyb 1866*, Allin 1883, *FNE 1888, Cyb 1898, BEL, DBN*).

1-6, 8-11, 13, 19-21, 30, 36-40.

References and specimens to support vice-county numbers listed above:

1 (Scully 1916, Hodd 2001b), **2** (Scully 1916, Kelly 1985a), **3** (Akeroyd 1996), **4**
 (O'Mahony & Scannell 1977), **5** (**DBN**: roadside N of Cloyne 1987), **6** (mostly
 on sites of ruins, P. Green), **8** (several roadside sites 1997-99, SR), **9** (Knowles &
 O'Brien 1909, *FCB 1983*), **10** (Nash 1993b), **11** (**DBN**: Rosbercon 1909), **13**
 (Booth 1979), **19** (Knowles 1906), **20** (Brunker 1950), **21** (*FDub 1904*, Praeger
 1934b, *FDub 1998*), **30** (Reilly 2001), **36** (frequent, I. McNeill), **37** (Dawson
 1983), **38, 39** (*FBel 1997*), **38-40** (*FNE 1992*).