

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*).

V. minor L.**Lesser Periwinkle**

Fairly common relic of cultivation, also occasional garden escape; most frequently established in woodland, probably spreading from where planted in demesnes; also in thickets, hedgerows, on roadsides and banks.

* In 19th C, naturalized where originally planted, also escape or outcast (e.g. *Cyb 1866*, *FNE 1888*, **BEL**, **DBN**); increased rapidly when planted in woods or shrubberies (*Cyb 1898*).

1-4, 6, 8, 10, 13, 19-21, 23, 30, 31, 36-40.

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

1, 2 (Scully 1916), **2** (Kelly 1988), **3** (O'Mahony 2000b), **4** (O'Mahony 1996), **6** (Green 2001b), **8** (Curragh Chase 1997, SR), **10** (Nash 1993b), **13** (Booth 1979), **19** (**DBN**: roadsides near Athy 1849; Lodgepark woods 1864), **20** (Brunker 1950), **21** (*FDub 1904*, *FDub 1998*), **23** (**DBN**: Knockdrin 1885), **30** (Reilly 2001), **31** (**DBN**: Castlebellingham 1975, abundant on woodland fringe), **36** (roadsides and woodland, I. McNeill), **37** (Dawson 1983), **39** (Harron 1986, *FBel 1997*), **40** (Lambert 1985) and **38-40** (*FNE 1992*).

SOLANACEAE**Nicandra** Adans.

N. physalodes (L.) Gaertn.

Apple-of-Peru

36 NW of Drumquin near Killen Lough 1995, in dumped material on waste ground; possibly from birdseed (McNeill 1996).

Lycium L.

L. barbarum L. (*L. halimifolium*)

Duke of Argyll's Teaplant

L. chinense Mill.

Chinese Teaplant

Fairly common relic of cultivation, and more rarely self-sown; mainly on the coast; persistent in hedges, on roadsides and near houses; sometimes establishing itself in sandy ground. The two species have been much confused in the past, and are not reliably separable; they are treated as one taxon in *Cens Cat*.

* Coast near Baldoyle, Co. Dublin 1868 (**DBN**), and established at other coastal sites by end of 19th C (e.g. Hart 1887, 1898, *Cyb 1898*, *ITB 1901*, *FNE 1938*).

Cens Cat **2, 3, 5, 6, 8, 9, 12, 13, 21, 22, 27, 31, 34, 38-40**. Also **10, 20, 28, 30, 36**.

Additional vice-county records:

10 Ballylea Lodge 1969; Aglish 1972 (Nash 1993a).

20 Old walls and banks on sandy ground, hardly established (Brunker 1950). S of Newcastle Station, and N of Kilcoole Station 1999, on coast (SR).

28 Vicinity of Dunmorán Strand, Coney Island, Inishcrone etc. (Cotton & Cawley 1993).

30 N of Stramaquerty Bridge 1987 (Reilly 2001).

36 Near Benburb 1987, one plant in hedge near Tullygiven Lough (Rippey 1990).

Atropa L.

A. belladonna L. Deadly Nightshade

Probably introduced (*Cens Cat*).

Rare; formerly considered a relic of cultivation (e.g. *Cyb 1898*, *FDub 1904*, Adams 1909c).

Cens Cat **1, 9, 11, 14, 18, 21, 22, 26, 27, 31, 34, 35, 39**. Also **15, 16, 38**.

Post-1987 and additional records:

15 Grounds of ruined Woodlawn House 1994 (Roden 1996).

16 Grounds of University College Galway c.1990 (M. Sheehy Skeffington), also 1996 (Scannell & Jebb 2000).

21 Several sites, including waste ground (*FDub 1998*).

38 By River Lagan at Annadale 1983 (Ripsey 1990), and in the same area in 1992 on former rubbish dump (*FNE 1992*).

39 Friar's Bush graveyard 1960-90, abundant (*FNE 1992*).

Salpichroa Miers

S. organifolia (Lam.) Thell.

Cock's-eggs

2 Ballyunion 1999, well established on grassy bank by road above main beach, and near houses by cliff path (Reynolds 1999c, **DBN**); relic of cultivation, and possibly also garden escape.

Physalis L.

P. peruviana L.

Cape-gooseberry

21 Ballyogan tip 1993 (Reynolds 1994c, **DBN**); possibly from food refuse.

Lycopersicon Mill.

L. esculentum Mill.

Tomato

Casual on rubbish tips, disturbed ground, roadsides and pavement edges; at ports and in urban areas; on lake shores and river gravel; usually from discarded fruits or food refuse; sometimes in large numbers on coastal shores, the seeds arriving with sewage; occasionally producing mature fruits.

1-3, 6, 8, 12, 19, 21, 36, 38-40.

1 Gurrig Island, Magharees 1982 (Parnell *et al.* 1983).

2 Tralee Station 1993, many on tracks; Kilconly N of Ballyunion 1999, by dirty stream (BSBI).

3 W of Bandon and N of Clonakilty 1999, waste ground (P. Green).

6 Ballyglan 1997, waste area on dunes; Rincrew 1997, waste ground by road (P. Green).

8 Foynes Port and rubbish tip just E of port 1990s; and several roadside sites (e.g. Reynolds 1997b, 1997e).

12 Killurin, WNW of Wexford town 2001, on dump (R. Goodwillie).

19 Near Newbridge 1996, dump (BSBI).

21 * Sandy shore at Cardy Rocks N of Balbriggan, and elsewhere (Colgan 1903, *FDub 1904*); also at Cardy Rocks in 1946 (Hudson 1957, Anon. 1961a).

Quite common on the coast; Dublin Port, Dublin City and on rubbish tips (*FID 1984*, Reynolds 1994a, 1996a, *FDub 1998*); beside Trinity College library, where students eat their sandwiches (SR).

36 Occasional on dumps and river gravel, post-1980 (I. McNeill).

38 Near Ballymacarrett Halt 1915 (Carrothers 1916).

38, 39 Belfast, waste ground (*FBel 1997*).

39 Carnlough, on beach (*FNE 1938*).

38-40 Frequent as casuals on dumps, seashores etc., but never persisting (*FNE 1992*). Also isolated plants on drift-line sands around Lough Neagh (Harron 1986).

Solanum L.

S. laciniatum Aiton

Kangaroo-apple

Rare garden discard, on dumped soil and rubbish tip.

19, 21.

19 Near Newbridge 1996, dump (Reynolds 1999c).

21 * Ballyogan tiphead 1995; just W of Irishtown Park 1999, with immature fruits (Reynolds 1999c, **DBN**).

S. nigrum L.

Black Nightshade

Probably introduced (*Cens Cat*).

Occasional; weed of cultivated ground and casual on roadsides, waste ground and at ports; in some cases probably introduced with horticultural material. Recent records of *S. nigrum* subsp. *nigrum* from roadside W of Mitchelstown in **5** (SR), entrance to port at Rosbercon in **11**, and Ballyogan tip in **21** (Reynolds 1997e, **BM, DBN**).

Cens Cat **1-6, 8, 11, 12, 14, 16-21, 23, 26, 36**, [38, 39]. Also **15, 30, 37-39**.

Additional vice-county records: **15** (Roden 1996), **30** (Reilly 2001) and **37-39** (Beesley 1994, 1995, *FBel 1997*, Day 2001, **BEL**).

S. physalifolium Rusby var. **nitidibaccatum** (Bitter) Edmonds

Green Nightshade

Rare casual, at two ports.

11, 21.

11 Entrance to port at Rosbercon 1995, many luxuriant plants (Reynolds 1997e, **BM, DBN**); few plants in 1996 due to weed clearing; dense patch again there 2001 (SR).

21 Dublin Port 1995, one small plant on disturbed ground (Reynolds 1997e, **DBN**).

S. rostratum Dunal (*S. cornutum*)

Buffalo-bur

Rare casual.

Cens Cat **5, 12.**

5 Glanmire 1975 (O'Sullivan 1979, **DBN**).

12 * Near Carnsore Point 1969, in tilled ground (Morley 1975, O'Sullivan 1979, **DBN**).

S. sisymbriifolium Lam.

Red Buffalo-bur

Rare casual.

Cens Cat **5, 12**.

5 * Moorepark Research Station near Fermoy 1973, possibly introduced in pig feed (Morley 1975, **DBN**).

12 Castlebridge N of Wexford 1978, in fodder beet field (O'Sullivan 1979, **DBN**).

S. tuberosum L.

Potato

Fairly frequent casual, particularly on waste ground, infill and rubbish tips; tubers often discarded with domestic refuse.

3-6, 8, 19, 21, 28, 38-40.

3 W of Clonakilty 1999, waste ground (P. Green).

4 Ballygiblin 1999, quarry; Lisheenafeela 1999, waste ground (P. Green).

5 Pillmore 1998, on soil heaps (P. Green). W of Mitchelstown 1999, in weedy area by main road (SR).

6 Several sites on waste ground and elsewhere (P. Green and I. Green).

8 Foynes Port 1990s, and dump just E of port etc. (e.g. Reynolds 1997b).

19 * Near Straffan 1904-05, probably thrown out with refuse (Knowles 1906). Near Newbridge 1996, dump (BSBI).

21 Dublin City, Dublin Port etc. (*FID 1984*, Reynolds 1994a, 1996a, *FDub 1998*).

28 Ballina 2000, single plants in several flower tubs on E side of River Moy (SR).

38 Near Ballymacarrett Halt 1915, waste ground (Carrothers 1916).

38, 39 Belfast, surprisingly frequent in a wide variety of habitats (*FBel 1997*).

38-40 Frequent casual escape (*FNE 1938*). Frequent on dumps, seashores etc., but never persists (*FNE 1992*, **BEL**).

Datura L.

D. ferox L.

Angels'-trumpets

12 Kilmore 1988, one plant in roadside garden, not deliberately introduced (J. Hurley, **DBN**).

D. stramonium L.

Thorn-apple

Rather rare, in cultivated and disturbed ground; however, some 10,000 plants shaded out a fodder beet crop near Ballinspittle, W Cork (O'Sullivan 1979). *D. stramonium* still turns up in late-maturing crops, but needs warm dry summers to thrive; perhaps introduced with animal feed, and slurry then spread on tilled ground (A. O'Sullivan, pers. comm. 1999).

* Occasional in waste ground near towns in early 19th C, and prior to then much

used as an asthma cure; considered extinct by 1890s (*Cyb 1898*). During First World War, grown as a crop near Lisnaskea, Co. Fermanagh, no doubt because of its medicinal properties; and other records from the N (*FNE 1938*, Lynn 1960).

Cens Cat 3-6, 12, 13, 20-22, 24, 28, 36-39. Also 8, 11.

Post-1970 and additional vice-county records:

3-6, 12, 22 see O'Sullivan (1979) for details.

3 Cape Clear 1989 (Akeroyd 1996). Kilbrittain 1995, edge of potato field (M. Scannell).

8 E of Tomdeely near Askeaton 1990, one on roadside (Reynolds 1993, **DBN**), possibly with animal feed spilt from truck coming from Foynes Port.

11 Goresbridge 1969, near animal feed compounding plant (Morley 1975).

12 Enniscorthy 1992, weed in garden with rhubarb (FitzGerald 1993, in error as "near Gorey"; **DBN**).

20 Rathdrum 1984, vegetable garden (**DBN**).

21 Ringsend Dump, late 1970s (*FDub 1998*).

24 Near Newtownforbes 1984, potato field (**DBN**).

28 Skreen 1984, potato field (**DBN**).

38 Newtownards 1973, potato drill (*FNE 1992*, **BEL**).

39 Friar's Bush graveyard 1982-83, after clearance operations (*FNE 1992*).

Nicotiana L.

N. rustica L.

Wild Tobacco

38 Near Ballymacarrett Halt 1915, casual on waste ground (Carrothers 1916).

N. × sanderæ W. Watson (*N. alata* × *N. forgetiana*)

21 Ballyogan rubbish tip 1993, garden discard (SR).

Petunia Juss.

P. × hybrida (Hook.) Vilm. (*P. axillaris* × *P. integrifolia*)

Petunia

4 Kanturk 1999, single white-flowered plant on waste ground (P. Green).

CONVOLVULACEAE

Calystegia R. Br.

C. pulchra Brummitt & Heywood (*C. dahurica*)

Hairy Bindweed

Fairly common garden escape; mainly established in hedgerows, also on roadside and railway banks. Can be confused with *C. sepium* subsp. *roseata* Brummitt (e.g. Webb 1982, Reynolds 1999b); probable hybrid with *C. silvatica* (*C. cf. × howittiorum* Brummitt) at two sites in Co. Wicklow (Reynolds 1999c).

* Hollywood, Co. Down 1885, and still there in 1982 (*FNE 1992*, **DBN**); most records date from the second half of the 20th C (e.g. Carrothers & Moon 1960, Wallace 1960, 1961, Ferguson & Ferguson 1974, Hackney 1980b, 1995, Dawson 1983, *FCB 1983*, *FNE 1992*, O'Mahony 1999).

Cens Cat 1-4, 6, 7, 9, 10, 12, 16, 18, 21-24, 26, 29-31, 35, 37-39. Also 8, 13, 14,

20, 28, 36, 40.

Additional vice-county records:

8 Just W of Adare 1998 (Reynolds 1999a); earlier record from Ballinacurra Creek 1974 unconfirmed (Young 1975, Reynolds 1999b).

13 Bunclody (Booth 1979).

14 Roadsides E and W of Clonaslee, W of Mountmellick 1999 (Reynolds 1999c).

20 Main road just S of Kilmacanoge 1999 (Reynolds 1999c, **K**).

28 Road from Rathcormac towards Rosses Point (Cotton & Cawley 1993).

36 Gortin 1998 (I. McNeill).

40 NW of Coleraine 1984 (*FNE* 1992).

C. silvatica (Kit.) Griseb. (*C. sepium* subsp. *silvatica*; some records of *C. sylvestris*)

Large Bindweed

Common garden escape; established mainly in hedgerows and disturbed ground; also a pernicious garden weed. Hybridizes with native *C. sepium* (L.) R. Br. (e.g. *FDub* 1998), and probable hybrid with *C. pulchra* (*C. cf. × howittiorum* Brummitt) at two sites in Co. Wicklow (Reynolds 1999c). Variety with perianth divided into separate 'petals' at three sites in NE (*FNE* 1992). Not all old records of *C. sylvestris* refer to this species (see Hackney 1980b).

* Strabane, Co. Tyrone 1896 (**DBN**). By Lough Gill, Co. Leitrim, naturalized in wild ground and hedges (Praeger 1934a, 1934b, **DBN**); and within a few years recorded from some 14 vice-counties (Praeger 1939, 1946). Introduced into gardens from where it escaped, e.g. 1906 specimen in **DBN** from a Foynes, Co. Limerick garden, and rampant at nearby yacht club in 1980s.

Cens Cat **1, 3-9, 12, 13, 15, 16, 20-22, 24, 26-31, 34-40**. Also **10, 19**.

Additional vice-county records:

10 In three 10 km squares post-1965 (Nash 1993b).

19 Maynooth College, waste ground (Bowering *et. al.* 1995).

CUSCUTACEAE**Cuscuta** L.

C. epilinum Weihe

Flax Dodder

In first half of 19th C, a troublesome weed in flax fields in many parts of the country (*Cyb* 1866); towards the end of 19th C, this parasite was becoming rare due to the decline in flax cultivation (*Cyb* 1898).

19th C records only from **1-3** (Allin 1883), **16** (Praeger 1909a, Scannell & Jebb 2000), **27** (Praeger 1909a), **34, 35** (Hart 1898, **DBN**), and **38-40** (Dickie 1864, *FNE* 1888, **BEL, DBN**).

C. europaea L.

Greater Dodder

21 Howth 1881, on vetches in cornfield; disappeared without setting seed (*FDub* 1904, **DBN**).

MENYANTHACEAE

Nymphoides Ség.

N. peltata Kuntze (*Villarsia nymphaeoides*, *Limnanthemum nymphaeoides*,
L. peltatum)

Fringed Water-lily

Occasional escape from cultivation, mainly in N; locally established in lakes, ponds and rivers, and usually spreading from where originally introduced.

* In 19th C, naturalized in Lagan Canal above Botanic Garden, Belfast, and in various parts of Lough Neagh; also sites in Cos Dublin, Cork, Tipperary and Derry, but only occurring where planted (*Cyb 1866*, *FNE 1888*); after initial spread in first half of 19th C in Lough Neagh area, sudden decline in most of its naturalized stations (Harron 1986); also declined in Lagan Canal and river (*FNE 1992*); covered half an acre of lake near Rathvilly in Co. Carlow (Praeger 1946), but did not persist (Booth 1979).

Cens Cat **13, 38-40**. Also **4, 5, 33, 37**.

Post-1970 and additional vice-county records:

4 Caum 1997, two ponds (O'Mahony 1998).

5 Near Glanworth 1992, in pond with *Lagarosiphon major* (O'Mahony 1998).

33 Cargin Loughs 1990; Watson's Lough 1990; Upper Lough Erne 1991; records made by Northern Ireland Lakes Survey (C. Preston); source of map records in Preston & Croft (1997).

37 Lurgan Lough Upper 1990; record made by Northern Ireland Lakes Survey (C. Preston); source of map record in Preston & Croft (1997).

38 Interlaken Lake near Carryduff 1986; Dairy Lake 1990 (*FNE 1992*). Ponds at Bloomfield 1993 and Tillysburn; deliberate introductions at both sites (Hackney 1995, *FBel 1997*).

38/39 River Lagan 1996, two small patches under Moore's Bridge, S Lisburn (Wolfe-Murphy 1997).

POLEMONIACEAE

Polemonium L.

P. caeruleum L.

Jacob's-ladder

Rare garden escape.

* 19th C records from **2, 4, 21, 40** (*Cyb 1866*), **6** (*Cyb 1898*), **8** (Fogerty 1898), **22** (Reilly 1995) and **36 (BEL)**.

20th C records:

30, 38-40.

30 Dún an Rí Park, Kingscourt 1997, planted but spreading (Reilly 2001).

38-40 Occasional garden escape, not persistent (*FNE 1992*, *FBel 1997*).

Gilia Ruíz Lopez & Pavón

G. capitata Sims

Blue-thimble-flower

Rare garden escape or casual; no modern records.

8, 21.

- 8** Limerick City 1900, 1904, on waste ground and in quarry (Phillips 1905a, Praeger 1909a, **DBN**).
21 * Howth, waste ground and behind a house (Hart 1887).

Navarretia Ruíz Lopez & Pavón

N. squarrosa (Eschsch.) Hook. & Arn. (*Gilia pungens*) **Skunkweed**
 Rare casual; recent record from Co. Wexford.

12, 21.

- 12** Golf course just N of Rosslare 1999, 25-30 plants in disturbed sandy ground; still there 2001 (E. Carty, **DBN**).
21 * Howth, waste ground (Hart 1887).

HYDROPHYLLACEAE

Phacelia Juss.

P. ramosissima Douglas ex Lehm. **Branching Phacelia**
21 Howth, waste ground (Hart 1887).

P. tanacetifolia Benth. **Phacelia**

Rare casual or escape from cultivation; introduced in wild flower seed mixtures, and seeds also sold for growing green manure.

3, 17, 19, 22, 38, 40.

- 3** Cape Clear 1994, planted for ornament and becoming established on waste ground; also 1995, sown with other plants in wild flower seed mixture (Akeroyd 1996).
17 E of Lough Atalia 1985, one plant on waste ground behind shingle beach (McGough 1988, **DBN**).
19 E side of Kildare town 2000, many plants along main road; origin not known (SR, **DBN**).
22 Stamullen near Naul 1986, ploughed field (**DBN**).
38 * Downpatrick 1962, field (**DBN**).
40 Castledawson roundabout 2001 in resown verges; probably introduced in seed mix (I. McNeill).

BORAGINACEAE

Lithospermum L.

L. purpureocaeruleum L. **Purple Gromwell**
38 Near Ballyward 1990, country lane (*FNE 1992*).

Cerithe L.

C. minor L. **Lesser Honeywort**
14 Mountmellick 1907, meadow (**DBN**).

Echium L.**E. pininana** Webb & Berthel.**Giant Viper's-bugloss**

Rare garden escape or discard.

6, 21.**6** Annestown 2001, many self-sown on wall (P. Green).**21** * Howth, "marching round the southern slopes ... with a host of other exotics" (Nelson 1994); self-seeding garden escape prominent on the same coastal slopes in late 1990s (SR).**E. plantagineum** L.**Purple Viper's-bugloss****6** Clonmel 2001, on disturbed road verge, casual (P. Green).{**E. cf. wildpretii** H.H.W. Pearson ex Hooker f.**38** Naturalized in Seaforde demesne (*FNE 1992*).}**Pulmonaria L.****P. officinalis** L.**Lungwort**

Rare garden discard or escape.

21, 36, 38-40.**21** {St Columba, Rockbrook 1853 (**BEL**); probably planted.} Near Casement Aerodrome 1986, roadside hedgerow (*FDub 1998*).**36** Castlecaulfield post-1980 (I. McNeill).**38** * Stormont woodland 1976 (*FNE 1992*).**39** Belfast, established at one site (*FBel 1997*).**40** Garvagh 1984, forest track (*FNE 1992*).**Symphytum L.****S. asperum** Lepech.**Rough Comfrey**

Rare escape from cultivation; see Parnell (1985) for discussion of this species.

4, [12], 21, 28.**4** * Near Finnow bridge 1977, at confluence of Blackwater and Finnow rivers, in small quantity (Scannell & O'Mahony 1978).[**12** Near Killinick 1906, "the fodder plant" (Druce 1907); possibly confused with *S. × uplandicum*.]**21** By Shanganagh River E of Loughlinstown 1985; confirmed by F.H. Perring (*FDub 1998, DBN*).**28** Near Lough Gill 1984, one plant in hedgebank beside road leading to Lake Isle of Innisfree (Parnell 1985, **TCD**).**S. grandiflorum** DC. (*S. ibericum*)**Creeping Comfrey**

Rare garden escape, nowhere established; herbarium specimens determined by F.H. Perring.

6, 13, 21, 25.**6** Cheekpoint 2000, four small patches on waste ground (P. Green).

- 13** Lane between Clonegall and Huntington sand pits 1968 (Booth 1979, **DBN**).
21 Howth 1960, roadside near Baily post office (*FDub 1998*, **TCD**).
25 * Near Athlone 1937, roadside (**TCD**).

S. orientale L.**White Comfrey**

Cork/Limerick; map record (*Atlas 1962*).

[30 Bellamont, Cootehill 1999 (Reilly 2001); record for *Symphoricarpos albus* misread from field card (P. Reilly).]

S. tuberosum L. (*S. leonhardtianum*)**Tuberous Comfrey**

Occasional garden escape or relic of cultivation; roadsides, hedgebanks, woodland and open ground; sometimes well established and persistent. Weed in hedge at Slieve Donard nursery, Co. Down 1967 (McClintock 1968a) and in National Botanic Gardens, Dublin 1983 (**DBN**).

* 19th C records as relics of cultivation (*Cyb 1866*, *FNE 1888*, *Cyb 1898*); sporadic records in 20th C pre-1970 (e.g. Praeger 1939, Brunner 1950, Wallace 1960, McClintock 1968a, *FDub 1998*).

Cens Cat **8, 20, 22, 31, 34, 37-39**. Also **4, 21, 30, 36, 40**.

Post-1970 and additional vice-county records:

- 4** Near Blackrock convent 1996, well established in hedgebanks, second Mid Cork site (O'Mahony 1991, 1997).
21 Walshestown 1984; W of Shankill 1985, roadside (*FDub 1998*).
22 Tullaghanstown crossroads, W of Navan 1978 (**DBN**).
30 Farnham Park 1987; Castle Saunderson 1998 (Reilly 2001, **DBN**).
31 Baltray village 1975; Togher 1975, roadside (**DBN**).
36 Baronscourt estate 2001, naturalizing by Lough Fanny; possibly accidentally introduced with other plants, or originally planted (McNeill 2002).
37 Churchill estate 1976, 1983, ditches N and S of motorway (Dawson 1983, **BEL**).
38 Conlig, naturalized in 1937 and still there 1970 on open gravelly ground; Clandeboye woods 1991, and known there since 1886 (*FNE 1992*, **BEL**).
39 W of Lough Guile 1989, in great abundance in scrubby heath; quarry near Mallusk 1992 (*FNE 1992*, **BEL**). Belfast, well established at some sites (*FBel 1997*).
40 N of Slievekirk 2001, garden relic (I. McNeill).

S. × uplandicum Nyman (*S. peregrinum*; *S. officinale* × *S. asperum*)**Russian Comfrey**

Common relic of cultivation, persisting rather than spreading; particularly on grassy roadsides, river and stream banks, and waste ground.

* Late 19th C, e.g. Courtown in **12**, Strawberry Beds in **21**, Knockdrin in **23** and Hollywood in **38** (**DBN**; confirmed by F.H. Perring); near Sligo (Druce 1909); some old records of *S. officinale*, described as relics of cultivation or fodder plants, may refer to this hybrid (e.g. Hart 1898, *ITB 1901*, *FDub 1904*, Praeger

1909a, Scully 1916); reported from about 20 vice-counties by late 1930s (e.g. Praeger 1934a, 1934b, 1939), but a number of voucher specimens in **DBN** checked by F.H. Perring were not clearly this.

Cens Cat **1-7, 12-16, 18-21, 23, 25, 27-40**. Also **8-10**.

Additional vice-county records:

- 8** E of Castleconnell 1990 (Reynolds 1992b), and other roadside sites and by several rivers in 1990s (SR).
- 9** E of Lisdoonvarna, S of Lough Bunny and near Kilonan 1970s (*FCB* 1983, **TCD**).
- 10** Drominagh House 1969; S of Lisduff Station 1971 (Nash 1991). Five 10 km squares post-1965 (Nash 1993b). By main Nenagh-Toomevara road 1989 (Wyse Jackson 1995, **TCD**).

Brunnera Steven

B. macrophylla (Adams) I.M. Johnst.

Great Forget-me-not

- 40** Among native vegetation by Moyola River 1991, below rockery in Moyola Park where it is almost a weed (*FNE* 1992); garden escape.

Anchusa L.

A. officinalis L.

Alkanet

- 12** Rosslare Point c.1880, in sandy wastes, an alien probably introduced with ballast (*Cyb* 1898); still holding its ground (Hurst 1901).

Pentaglottis Tausch

P. sempervirens (L.) Tausch ex L.H. Bailey (*Anchusa sempervirens*)

Green Alkanet

Fairly common garden escape, mainly in E half; grassy places, hedgebanks, roadsides, near houses, waste ground, sand pits etc.; persistent and sometimes well established.

* Very rare among ruins, at the foot of walls, along roadsides and in hedges or plantations (*Cyb* 1866).

Cens Cat **1, 4, 9-14, 16, 17, 19-23, 27, 28, 31, 34-40**. Also **5, 6, 8**.

Additional vice-county records:

- 5** W of Athaclaren Bridge 2001, fine stand naturalized (O'Mahony 2002).
- 6** Mostly on roadside banks, also by ruins and on waste ground (P. Green).
- 8** In Bruree 10 km square 1998, shady hedgebank near houses (J. Wann).

Borago L.

B. officinalis L.

Borage

Occasional garden escape or discard, usually only casual; disturbed ground and rubbish tips, also roadsides, near ruins and on a sea shore; self-seeding. At ruined church on St Patrick's Island, Skerries 1893, 1918 and 1983 (*FDub* 1904, Anon. 1961a, *FDub* 1998, **TCD**).

* Near gardens, houses and ruins, but not thoroughly established (*Cyb* 1866), and

not common (e.g. Hart 1887, *FNE 1888*, *Cyb 1898*). Several of the *Cens Cat* vice-county records are based on 19th and early 20th C specimens in **DBN** (Scannell & Synnott 1990).

Cens Cat **2, 6, 8, 12, 14**, [18], **20-23, 31, 38-40**, but most of these pre-1950. Also **5, 19, 26, 36**. Delete 18, no specimen in **DBN** (Scannell & Synnott 1990).

Post-1987 and additional vice-county records:

5 Glanmire, Cork 19th C (**TCD**).

19 Maynooth College (Bowering *et al.* 1995). Near Newbridge 1996, dump (BSBI).

20 Wicklow town 1993, many plants by Vartry River with other garden discards (DNFC). Near Kilcoole Station 1999, in weedy arable field (SR).

21 Several locations (*FDub 1998*). Ballyogan tip 1993 (SR).

26 Ballinrobe (Praeger 1909a).

36 Cookstown, waste ground (McNeill 1998). Desertcreat 2000, weed at Bruce's Engineering Works (I. McNeill).

39 Belfast, one site (*FBel 1997*).

38-40 Not infrequent (*FNE 1992*).

Trachystemon D. Don

T. orientalis (L.) G. Don

Abraham-Isaac-Jacob

Rare relic of cultivation or garden escape; usually spreading from where originally introduced; established in shady places and by streams.

6, 8, 21, 39.

6 Mount Congreve 2001, dumped on railway bank from nearby garden (P. Green and I. Green).

8 Just E of Foynes 1997, well established on shaded roadside; also near old habitations on Foynes Island (Reynolds 1998c).

21 * Swords village 1981, roadside by stream (Reynolds 1998c, **DBN**). St Anne's Park, Raheny 1988 (*FDub 1998*). Established in a woodland part of Bushy Park 1998 (C. Bell), also 1999 (SR).

39 Banks of Ballygomartin River, Belfast 1993, several patches established (*FBel 1997*, **BEL**).

Amsinckia Lehm. group

Fiddlenecks

Includes records of *A. lycopsoides* (Lehm.) Lehm., *A. micrantha* Suksd. and *Amsinckia* sp. (*A. angustifolia*, *Benthamia intermedia*, *B. lycopsoides*). Identities and identifications confused (see Clement & Foster 1994).

Rare casual; recent records from Cos Wexford and Dublin in sandy ground and arable land; formerly introduced with grain (e.g. Knowles 1906, Bruncker 1940);

12, 19-21, 38, 39.

12 Enniscorthy 1996, golf course (**DBN**).

19 Near Straffan 1904-05, hen run by canal (Knowles 1906, **DBN**).

20 Several localities 1923-39, including docks at Arklow and by the railway (Bruncker 1928, 1950, **TCD**).

- 21** * Potato field 1877 (**DBN**). Scattered localities 1905-35 (Grierson 1922, **DBN**). Guinness Brewery 1944 (Brunker 1944b, **DBN**). Shore at Portrane 1952 (J.P. Brunker's annotation in his *FDub 1904*). SW of Skerries 1985, weedy field just N of Baldongan crossroads; NW of Rush golf course 1989 (*FDub 1998*, **DBN**). Near Rogerstown estuary 1990 (**BEL**).
- 38** Near Cotton Moss 1913 (**BEL**). Near Ballymacarrett Halt 1915 (Carrothers 1916).
- 39** Belfast 1894, near distillery/flour mill (Stewart & Praeger 1894-95, **DBN**). Stranmillis, Belfast (Carrothers 1910).

Asperugo L.

A. procumbens L.

Madwort

Rare casual; no modern records.

21, 38.

21 * Glasnevin Model Farm 1906, orchard (**DBN**).

38 Ballymacarrett 1909, waste ground (*FNE 1938*, **BEL**).

Onosma L.

O. taurica Pallas ex Willd.

Donkey-plant

39 By Cave Hill tramway 1905, waste ground (as *O. tauricum* in *FNE 1938*, **DBN**).

Myosotis L.

M. sylvatica Hoffm.

Wood Forget-me-not

Rare garden escape; freely seeding.

5, 14, 21, 34, 36.

5 * Castle Widenham, Castletownroche 1897, single plant in shrubbery (*Cyb 1898*).

14 Around Abbeyleix, established and spreading in woods, peat bog and under roadside hedges (Praeger 1946).

21 Occasional escape (*FDub 1998*), e.g. gravel car park beside Leopardstown Racecourse 1986 (**TCD**).

34 * Woodlands, in a wild place; white variety (Hart 1900).

36 Occasional post-1980; in wild situations by rivers (I. McNeill).

Lappula Gilib.

L. squarrosa (Retz.) Dumort. (*Echinosperrum lappula*)

Bur Forget-me-not

Rare casual; recent records from two ports; probably introduced with grain or animal feed.

8, 19, 21, 38.

8 Foynes Port 1997 (Reynolds 1998c).

19 Near Straffan 1904-05, hen run by canal (Knowles 1906).

21 * Howth, three sites (Hart 1887). Dublin Port 1988 (Reynolds 1990, **DBN**).

38 Near Ballymacarrett Halt 1915, waste ground (Carrothers 1916).

Omphalodes Mill.**O. verna** Moench**Blue-eyed-Mary**

Rare garden escape.

2, 36.**2** Ross Island, Killarney National Park 1992, large patch creeping over limestone in shaded area (T. Ryall, J. O'Malley).**36** * Tullyhogue near Cookstown 1987, established in marshy ground (I. McNeill).**Cynoglossum** L.**C. germanicum** Jacq. (*C. montanum*)**Green Hound's-tongue****21** Near Balbriggan 19th C, garden escape or outcast (*Cyb 1866*; same record in More 1872, *Cyb 1898*, *FDub 1904* and Druce 1932).**VERBENACEAE****Verbena** L.**V. officinalis** L.**Vervain**

Occasional, mainly in S half; roadsides, limestone quarries, sand pits, near ruins, on walls etc.

* Plentiful in some parts of S and W, and frequent in many midland counties; mostly on limestone (*Cyb 1866*); thoroughly established and often abundant chiefly about villages in S half (*ITB 1901*); considered a relic of cultivation or kitchen-garden plant (*FDub 1904*, Adams 1909c, Praeger 1934b).*Cens Cat* **1-23, 26, 31, 34, 36, 38.****LAMIACEAE (Labiatae)****Stachys** L.**S. annua** (L.) L.**Annual Yellow-woundwort**

Rare casual; no modern records.

39 Belfast 1893/94, near distillery/flour mill (Stewart & Praeger 1894-95); probably introduced with grain. Greencastle near Belfast (*FNE 1938*).**S. arvensis** (L.) L.**Field Woundwort**

Locally common arable weed, mainly in S and SE, usually in non-calcareous soils; more rarely on farm tracks, roadsides, shingle strands or in gardens.

* Cultivated land, rather local and rare (*Cyb 1866*), but at end of 19th C considered rather frequent and locally abundant (*Cyb 1898*).*Cens Cat* **1-13, 15-18, 20-22, 26-28, 30, 31, 34-40.****S. byzantina** K. Koch**Lamb's-ear**

Rare garden escape, on waste ground and roadsides.

6, 11, 19, 21.**6** Poulboy, Clonmel 2001, rough verge of road (P. Green).

- 11** Thomastown 1999, self-sown on rocky area by road (P. Green).
19 * Maynooth College, self-sown on waste ground near hostels; spreading (Bowering *et al.* 1995).
21 North Wall Quay, Dublin City 1995, one patch (SR).

S. germanica L.**Downy Woundwort**

- 8** Clarina Park 1874, single root in cultivated field, "not near any garden" (DBN).

Ballota L.**B. nigra** L.**Black Horehound**

Occasional relic of, or escape from, cultivation; near ruins and houses, roadsides, hedgerows, waste ground and rubbish dumps; sometimes long persistent; formerly a medicinal or kitchen-garden plant (Praeger 1934b, Geraghty 1996).

* Rare, roadsides and waste places, usually near houses (*Cyb 1866*); much grown in cottage gardens and probably in all cases an escape or outcast from cultivation (*Cyb 1898*); in Co. Dublin, it held its ground for more than a century in some places (*FDub 1904*).

Cens Cat **3-8, 10-14, 18-23, 25, 26, 30-32, 34, 35, 38-40**. Also **15, 28**.

Additional records:

- 8** Knockderc, S of Lough Gur 1997 (SR); previously collected there 1974 (DBN).
15 NW of Lough Derg 1991, in hedge opposite a house (Sheehy Skeffington 1992).
20 Still by castle ruins W of Newcastle 1999 (SR), where recorded in 1935 (Brunker 1950).
21 Scattered sites (Reilly 1993, *FDub 1998*). Royal Hospital, Kilmmainham 1997, large patch near car park (A. Austin).
22 Still at Trim castle 1996, on spoil heaps from excavation (T. Curtis; Synnott 1979a).
28 W of Cliffony 1987, dunes and dune slacks behind Trawalua strand (TCD).
31 N of Castlebellingham 1989, roadside (SR).

Leonurus L.**L. cardiaca** L.**Motherwort**

Rare relic of, or escape from, cultivation; no modern records; formerly used medicinally.

Cens Cat **4, 9, 18, 21, 39**. Also **5, 10**.

All records:

- 4** Near Carrigaline (*Cyb 1866*).
5 Between Foaty and Cork; Belvelly Castle, Great Island/Cove Island, early- to mid-19th C (*Cyb 1866*, Parnell & Webb 1991, **DBN, TCD**).
9 Ballyvaughan 1891 (Praeger 1909a, **DBN**).
10 In hedges and among rubbish, early 19th C (Nash 1993b).

- 18** Map record (*Atlas 1962*).
- 21** * Dublin 18th C (*Cyb 1866*). About Rush and Skerries, early 19th C (*FDub 1904*).
- 39** Cranfield Point on Lough Neagh 1897 until at least 1908; Three Islands near Toome 1937, near cottage (*Wear 1923, FNE 1938, Harron 1986, FNE 1992*); still at Three Islands 1956 (*Carrothers & Moon 1960*). White Abbey 1925, garden weed (**DBN**).

Lamiastrum Heist. ex Fabr.

L. galeobdolon (L.) Ehrend. & Polatschek subsp. **argentatum** (Smejkal) Stace
(*L. argentatum, Galeobdolon argentatum*) **Yellow Archangel**

Occasional garden escape, no doubt thrown out because of its vigorous growth; established on roadsides and in shady places; some records of *L. galeobdolon* may refer to this subspecies (e.g. *FNE 1992*); records date from 1980s on.

3-6, 21, 28, 36, 38, 39.

- 3** Roadsides near Kilbrittain, Laheratanvally and Macroom 1999 (P. Green and I. Green).
- 4** Inniscarra Amenity Park 1995, massive naturalized clumps (O'Mahony 1996). Roadsides near Farran, Aherla, Ballinhassig, Ballincollig etc. 1999 (I. Green).
- 5** Ballycrenane 1999, roadside (I. Green).
- 6** By River Nier S of Clonmel 1987, freely naturalizing on stony bank (D.A. Webb; *Atlas 1990*). On a few roadsides and in hedgebank (P. Green and I. Green).
- 21** Occasionally naturalized (*FDub 1998*), e.g. Three Rock 1995, edge of conifer plantation (SR).
- 28** Ballisodare (Ballysadare) 2000, single patch at abandoned railway station (Cawley 2002).
- 36** Frequent post-1980, arising from garden discards (I. McNeill).
- 38, 39** Belfast, well established in some sites in shrubberies and shady areas (*FBel 1997*).

Lamium L.

L. album L.

White Dead-nettle

Locally frequent, mainly in E and NE; established near ruins and houses, in hedgerows, on roadsides and waste ground.

* Local and rare, not hitherto observed W of the Shannon (*Cyb 1866*); recorded in SE Galway, Roscommon and some 20 other vice-counties by end of 19th C, and frequent in E and NE (*ITB 1901*).

Cens Cat **2, 6, 8, 9, 11-15, 18-25, 28, 30-32, 34, 36-40**. Also **10**.

Additional western and vice-county records:

- 8** Ardpatrick 1997, by ruined church (Reynolds 1998d).
- 9** Well naturalized at Ballyvaughan (Webb 1982). Roadside N of Cahermacnaghten 1999 (BSBI and C. Brady).

- 10** Templemore 1992, station yard (Nash 1993b).
28 Knockbeg, near Collooney 1993, road verge; Lissadell 1994, in abandoned orchard (Cawley 2002).

L. maculatum (L.) L.

Spotted Dead-nettle

Rare garden escape, capable of persisting.

1, 9, 14, 20, 21, 36, 38-40.

- 1** Dunkerron Castle 1935, by path in plantation; Dingle 1969 (**DBN**).
9 Deer Island, Fergus estuary 1907, near houses; near Newmarket-on-Fergus 1908, roadside (**DBN**).
14 Woodville, Leix 1947 (**TCD**).
20 Ballyman Glen 1931 (**DBN**).
21 * Sutton 1863; Dalkey 1882; Kingstown (Dun Laoghaire) 1889 (**DBN**); also old specimen from Sutton in **TCD**. Grange Castle, Clondalkin 1989, beside hedge (J. Parnell).
36 Near Washing Bay, Lough Neagh, late 19th C (Harron 1986).
38 Dundonald 1871 (**BEL, DBN**). Knock, Belfast 1871 (**BEL**).
39 Glynn 1912 (**BEL**); Templepatrick, bridge over Six Mile Water, recent record (**BEL**). Belfast, established at one site (*FBel 1997*).
38-40 Occasional garden throw-out or casual (*FNE 1992*).

Galeopsis L.

[*G. ladanum* L.

Broad-leaved Hemp-nettle

G. ladanum auct. is given as a synonym for *G. angustifolia* Ehrh. ex Hoffm. in *Cens Cat* and elsewhere, and most if not all records are referable to that species.]

G. segetum Neck. (*G. dubia*)

Downy Hemp-nettle

- 40** Lough Neagh shore W of Toome 1918, one plant (*FNE 1938*, Harron 1986).

Phlomis L.

P. fruticosa L.

Jerusalem Sage

Rare garden escape.

6, 13.

- 6** Woodland Pill, W of Passage East 2000, single bush in hedgebank (P. Green).
13 * Graiguenaspidogue, naturalized (Booth 1979).

Sideritis L.

S. hyssopifolia L. (*Stachys scordioides*)

- 39** Greencastle near Belfast, casual (*FNE 1938*).

S. montana L.

Mountain Ironwort

- 39** Belfast 1894, casual; det. E.J. Clement (**DBN**); probably found on waste ground at distillery or near flour mill where R. Hanna collected many other grain aliens (Stewart & Praeger 1894-95).

Melittis L.**M. melissophyllum L.****Bastard Balm**

Rare garden escape or discard; no modern records.

[6], **30**.

[6 Cheek Point 1933, outcast established by roadsides (Hackett 1933); common name given as 'Sweet Balm', so probably *Melissa officinalis*.]

30 Beside small lake c.3 miles (c.5 km) from Cavan town in the direction of Farnham 1905, not much of it in soft ground; not near village or cottage (Praeger 1906c, **DBN**).

Marrubium L.**M. vulgare L.****White Horehound**

Former relic of, or escape from, cultivation, or rare casual; last found at Kilcoole, Co. Wicklow 1923 (Brunker 1950) and Carlow town 1943 (Booth 1979, **TCD**).

* Waste places and roadsides, usually near houses, rare (*Cyb 1866*); much cultivated in cottage gardens and perhaps fully established only in Clare and on Aran Islands (*Cyb 1898*); occasional in early 20th C (e.g. *ITB 1901*, Hurst 1901, Knowles 1906, Knowles & C.G. O'Brien 1907, Druce 1907, Knowles & R.D. O'Brien 1909, Praeger 1909a, Scully 1916, Carrothers 1916).

Cens Cat **1, 2, 4-6, 8-13, 16, 19-21, 38**, but all these pre-1950.

Teucrium L.**T. chamaedrys L.****Wall Germander**

Rare garden escape.

Cens Cat **4/5, 12, 21, 22**.

All records:

4/5 * N of Cork 1840, hedgebank (*Cyb 1866*, Allin 1883), and still at same site 1897 (*Cyb 1898*).

12 Near Ballycarney Bridge over River Slaney, N of Enniscorthy 1948, 1966, on wall (**DBN**).

21 * Greenhills, where not found "for many years past" (*Cyb 1866*). Ringsend Park, Dublin City 1985, one plant in open ground, not obviously planted (**DBN**).

22 Trim, walls near river (*Cyb 1898*).

Nepeta L.**N. cataria L.****Cat-mint**

Rare escape from cultivation.

* Waysides, banks, waste places and ruins, rare (*Cyb 1866*); already extinct in many of its old stations by end of 19th C (*ITB 1901*); few 20th C records (e.g. Webb 1980, *FNE 1992*, **BEL, TCD**).

Cens Cat **5, 7-9, 11, 13, 15, 16, 18, 21, 24-27, 33, 35, 38-40**.

Post-1970 record:

9 Inishmaan 1971, in fields near village; not refound 1976 (Webb 1980).

Dracocephalum L.

D. parviflorum Nutt.

American Dragon-head

19 Near Straffan 1904/05, hen run by canal, introduced with grain (Knowles 1906, **DBN**).

Prunella L.

P. laciniata (L.) L.

Cut-leaved Selfheal

11 Ballykeefe Hill, SW of Kilkenny 1999, steep path through wood on limestone; also hybrid with *P. vulgaris* L. nearby (Dines 2000a).

Melissa L.

M. officinalis L.

Balm

Infrequent garden escape or throw-out; seeds freely.

* In Co. Cork near Carrigaline and Ringaskiddy, and on Great Island, but not well established (*Cyb 1866*).

Cens Cat **2-6, 8, 11-14, 18, 20, 22, 30, 31**. Also **7, 10, 21, 33**.

Additional vice-county records:

7 Clonmel 1931, by river (Wyse Jackson 1995, **TCD**).

10 Templederry 1970, roadside hedge opposite graveyard (Nash 1991).

21 Ballyogan tiphead 1994 (Reynolds 1996b). Lane in Rathgar 1998 (R. Goode in DNFC Newsletter 1998).

33 Trasna Island, Lower Lough Erne 1881 (Praeger 1909a, **DBN**).

Clinopodium L.

C. acinos (L.) Kuntze (*Acinos arvensis*, *Calamintha acinos*)

Basil Thyme

Probably introduced (*Cens Cat*).

Infrequent, in gravelly, sandy and cultivated ground; protected in Republic of Ireland by Flora (Protection) Order, 1999.

Cens Cat **7, 10, 12-14, 18-21, 23, 24, 32**.

C. vulgare L. (*Calamintha clinopodium*)

Wild Basil

Rare garden escape or casual; formerly more widespread, but never common.

* Dry, bushy places, very rare (*Cyb 1866*); an introduced plant, as yet hardly established in a wild state (*Cyb 1898*).

Cens Cat **1, 2, 5, 6, 11-14, 18, 19, 22**, [28], **34, 38**, but most of these pre-1950. Delete 28, Rockingham is in **25** (Scannell & Synnott 1990, **DBN**). Also **16, 20, 24, 25, 28, 39**.

Post-1970 and additional vice-county records:

16 Near Oughterard, single plant for several years, then vanished (*FCB 1983*).

18 Bellair, E of Clonmacnoise 1985, sandy roadside bank (**DBN**).

20 By Carnew road 1932, remote from house (Brunker 1950).

- 24** Inchcleraun in Lough Ree 1988, woodland edge (**DBN**).
25 Rockingham 1871, dry woods on limestone (Praeger 1909a, **DBN**).
28 Mullaghroe 1990-98, on grassy bank (Cawley 2002).
39 Antrim 1911 (*FNE 1992*).

Mentha L.

M. × gracilis Sole (*M. sativa* var. *gentilis*, *M. sativa* var. *gracilis*, *M. gentilis*;
M. arvensis × *M. spicata*) **Bushy Mint**

Widespread in Co. Cork, particularly along rivers (O'Mahony 1975, 1995); rare escape from cultivation elsewhere (e.g. Dawson 1983, *FCB 1983*, **BEL**). Considered an alien plant in the British Isles (Clement & Foster 1994), and 'possibly introduced' in Ireland (*Cens Cat*).

* Late 19th C records from E Cork, Cos Laois and Cavan (Praeger 1897a, *Cyb 1898*).

Cens Cat **3-5, 7, 12-14, 20, 27, 30, 37-40**. Also **6, 8, 10**.

Additional vice-county records:

- 6** Ballyshonock reservoir 2000 (Green 2001b).
8 NE of Cappamore, by Bilboa River 1990; det. Dr R.M. Harley (**DBN**).
10 Fishmoyné River, S of Kilfithmore Cross 1969 (Nash 1991).

[*M. longifolia* (L.) Huds. (*M. sylvestris*)

Horse Mint

Records made under this name are now known to refer to pubescent plants of *M. spicata* or its hybrids (see Clement & Foster 1994, Stace 1997).

Cens Cat 1-3, 5, 10, 11, 13, 15, 18, 20, 21, 25, 27, 29, 31, 36.]

M. × piperita L. (*M. aquatica* × *M. spicata*)

Peppermint

Occasional garden escape; river and canal banks, damp places, roadsides and near houses; persistent at some sites, e.g. by Vartry River at Ballinastoe Bridge, Co. Wicklow 1925 (Brunker 1928, 1950) and still there 1999 (SR).

* Rare, no doubt derived from cultivation (*Cyb 1866*, *Cyb 1898*); frequently grown in cottage gardens, and apparently spreading and establishing itself (*ITB 1901*).

Cens Cat **1, 3-6, 8-14, 16-21, 23-40**. Also **2, 7, 15**.

Additional vice-county records:

- 2, 7** Map records (see Wyse Jackson 1995).
15 Near St Patrick's Well, SW of Parkmore, Kinvarra Bay 1988 (Preston *et al.* 1991).

M. requienii Benth.

Corsican Mint

Rare garden escape, established in a few places; damp rockfaces, walls, banks and on a mountainside.

Cens Cat **3, 16, 37**. Also **36**.

All records:

- 3** * Castletownsend, abundant in street outside wall of Lord Bantry's demesne

(More 1872, Allin 1883); in Bantry and Castlefrefreke demesnes in early 1890s and still abundant on roadsides at Castletownsend in 1897 (*Cyb 1898*); scarcely naturalized at Bantry 1906 (Druce 1907). Still at Castletownsend 1960s, gateway and walls of castle (**DBN**). Still at Castlefrefreke, Rosscarbery 1998, N face of crumbling wall near derelict mansion (**DBN**).

- 16** Between Clifden and Clifden Castle 1953, stone wall by road (**TCD**). Just NE of Leenane 1967-68, 1973 on shady peat banks and grassy slopes by sea (Scannell & McClintock 1974, *FCB 1983*, **BEL, DBN, TCD**); W of Leenane 1984 on earth banks, c.2 miles (c.3.2 km) from previous location (**DBN**). Just W of Clifden 1979, damp rockface by cul-de-sac near harbour (*FCB 1983*, **DBN**), and still there 1994 (M. Scannell and SR).
- 36** Drum Manor Forest Park near Cookstown 1998, in some quantity on gravel near ruined shell of Drum Manor (McNeill 2000).
- 37** N slope of Slieve Gullion in numerous little streams at about 1000' (c.300 m), noticed some years previously and possibly escaped from gamekeeper's cottage (Greeves 1926, Praeger 1929a); on W side near summit (over 500 m) of Slieve Gullion 1970 (**BEL**).

M. × smithiana R.A. Graham (*M. sativa* var. *rubra*, *M. rubra*;

M. arvensis × *M. aquatica* × *M. spicata*)

Tall Mint

Rare escape from cultivation; few modern records (e.g. O'Mahony 1975). Considered an alien plant in the British Isles (Clement & Foster 1994), and 'possibly introduced' in Ireland (*Cens Cat*).

* 19th C records from Mid Cork, Cos Wexford and Carlow (*Cyb 1898, ITB 1901*).

Cens Cat **4, 12, 13, 21, 35, 38.**

M. spicata L. (*M. viridis*)

Spear Mint

Occasional garden escape; mainly roadsides and waste ground, and by rivers; casual on rubbish tips. Most records of *M. longifolia* (*M. sylvestris*) are referable to this species.

* Escape from cultivation, scattered locations (*Cyb 1866, Cyb 1898*).

Cens Cat **1, 3-5, 9, 11, 13, 16, 18, 23, 34-39.** Also **6, 10, 15, 21, 27, 28, 32.**

Additional vice-county records:

- 6** Tallowbridge 1997, waste ground (I. Green). Ballymacaw 2000, by stream above beach (P. Green).
- 10** New Bridge 1968, by bridge over Little Brosna River (Nash 1991).
- 15** Kiltartan crossroads N of Gort 1970 (**TCD**).
- 21** Several sites (*FDub 1998*).
- 27** Lough Tierna W of Newport 1980 (Synnott 1986, **DBN**). {Clare Island 1984, garden (Doyle & Foss 1986).}
- 28** Several sites (as *M. longifolia* in Cotton & Cawley 1993). Near Unshin River, in ditches and shallow streams (Douglas *et al.* 1993).
- 32** Alkill 1998 (I. McNeill).

M. suaveolens Ehrh. (*M. rotundifolia*)**Round-leaved Mint**

Occasional garden escape; roadsides, river banks, grass verges and waste ground; persistent in abandoned gardens. By Shanganagh River below Loughlinstown and by River Dodder, Co. Dublin for over 80 years (*FDub 1904*, Anon. 1961a, *FDub 1998*, **DBN**).

* Banks, waste places and among bushes, rare (*Cyb 1866*); frequently grown in cottage gardens, and apparently spreading and establishing itself (*ITB 1901*).

Cens Cat **1-18, 20-22, 26-28, 30, 31, 33, 36-40**. Also **24, 25**.

Additional vice-county records:

24 S of Annagh Lake 1988 (Webb 1989).

25 Clogher Bridge NW of Kilmore 1988 (Webb 1989).

M. × villosa Huds. (*M. alopecuroides*; *M. spicata* × *M. suaveolens*) **Apple-mint**

Occasional garden escape, or relic of cultivation. Additional vice-county records possibly reflect active recording rather than a real increase.

* Co. Down at Dunny Water Bridge 1883 (*FNE 1992*) and at Saul 1892, 1894 (*Cyb 1898*, *FNE 1992*).

Cens Cat **6, 27, 38**. Also **3, 4, 16, 21, 36, 39, 40**.

Additional records:

3 Cape Clear, Castle and Heir Islands 1993-95, waysides and near ruins (Akeroyd 1996).

4 Ringabella Bay 1999, edge of marsh (I. Green).

6 Dungarvan 2001, rubbish tip; det. Dr R.M. Harley (P. Green).

16 Maam Cross 1999, waste ground (Conaghan 2000).

21 Pigeon House Road, Dublin 1994, persisting in abandoned garden (Reynolds 1996b).

36 Two records post-1980 (I. McNeill).

39 Kilcrue Cross, S Ballycastle 1992 (**BEL**). Belfast, large patch established at one site (*FBel 1997*).

40 Magilligan Station 1923 (*FNE 1992*).

Salvia L.**S. officinalis** L.**Sage**

21 Knockmaroon Hills 1901, in considerable quantity, "an obvious relic of cultivation but looking quite wild" (*FDub 1904*).

S. pratensis L.**Meadow Clary**

Occasional garden throw-out in NE (*FNE 1992*).

S. verticillata L.**Whorled Clary**

Only recent record is as a weed in a nursery; formerly a rare casual.

21, 38, 39.

21 *S. verticillata* 'Alba', National Botanic Gardens, Glasnevin 1992, weed in nursery; det. E.J. Clement (**DBN**).

38 Ballymacarrett pre-1911 (*FNE 1938, FNE 1992*).

39 * Belfast 1894, near distillery/flour mill, introduced with grain (Stewart & Praeger 1894-95, **DBN**). Stranmillis 1910, slob land where rubbish dumped (Carrothers 1910).

PLANTAGINACEAE

Plantago L.

P. arenaria Waldst. & Kit.

Branched Plantain

Rare casual; no modern records; probably introduced with grain or seeds.

5, 21, 39.

5 Near Middleton, and elsewhere in Co. Cork where casually sown (Allin 1883).

21 * Portmarnock 1820-21, sandy field (*FDub 1904, DBN*). Howth, waste ground (Hart 1887, **DBN**). Rush 1935, sandy field; confirmed by E.J. Clement (*FDub 1998, DBN*).

39 Belfast 1893/94, near distillery/flour mill (Stewart & Praeger 1894-95). Portrush 1928/29 (Chase 1930).

P. aristata Michaux

Bracted Plantain

21 Dublin City, railway line at North Lotts 1920; confirmed by E.J. Clement (**DBN**).

P. media L.

Hoary Plantain

Rather rare; in lawns and other reseeded grassland, and more rarely on waste ground; introduced with grass seed and possibly other seed mixtures.

* Sparingly in a few places, where supposedly introduced with grass seed (*Cyb 1866*); by end of 19th C, apparently naturalized in some of its stations and spreading (*Cyb 1898*). Found in the same areas of Co. Limerick as *Gaudinia fragilis*, and possibly introduced by Palatine settlers in early 18th C (O'Sullivan 1967).

Cens Cat **2, 4, 5, 7-9, 11, 12, 14, 16, 19-21, 23, 26, 28, 35-40**. Also **13**.

Additional records:

8 Eyon Hill, SW of Cappamore 1995; by Camoge River, SSW of Monaster 1999 (Reynolds 1999a).

13 Borris House, and Ballynoe, Aghade, in lawns (Booth 1979).

21 Several locations (*FDub 1998*).

36 Favour Royal forest by River Blackwater 1997, resown bank (**BEL**).

39 Pond's Park c.2 km NW of Lisburn 1992, grassland by artificial pond (Beesley 1993a, **BEL**).

BUDDLEJACEAE

Buddleja L.

B. davidii Franch.

Butterfly-bush

Established and widespread garden escape, possibly still spreading; most

common in urban areas on dry waste ground, walls and roof tops; also roadsides, quarries and rubbish tips, and more rarely among semi-natural vegetation; freely seeding, and the light seeds readily dispersed.

* Drogheda 1957 on several walls (Wallace 1959a), and scattered (map) records elsewhere (*Atlas 1962*). Apparent rapid spread in second half of 20th C (e.g. Webb 1977, Nelson 1979, *FCB 1983*).

Cens Cat **1, 2, 4-6, 8, 9, 11, 13, 16, 17, 20-22, 25-27, 31, 35, 37-39**. Also **10, 12, 19, 28, 30, 32, 36, 40**.

Additional vice-county records:

10 Near Roscrea and Bushfield 1991 (Nash 1993a).

12 Wexford Harbour area (FitzGerald 1996). New Ross 1996, on old walls (SR).

19 Maynooth College, waste ground (Bowering *et al.* 1995).

28 Several locations (Cotton & Cawley 1993).

30 Ballyconnell 1997, pub car park; Swellan Lough 1998, waste ground (Reilly 2001).

32 Smithborough 1996 (I. McNeill).

36 Frequently self-sown around the larger towns (I. McNeill).

40 Common garden escape, as elsewhere in NE (*FNE 1992*).

B. globosa Hope

Orange-ball-tree

Usually a relic of cultivation, and possibly a rare garden escape.

4, 6, 9, 16.

4 Carrigane, WSW of Ballincollig 1999, several bushes in rough area by River Bride (I. Green).

6 Castle Bridge, NW of Stradbally 1997, by ruin (P. Green and I. Green).

9, 16 * In hedges or thickets at some distance from houses S of Ballyvaughan in **9**, and at Glann in **16**, but the trees might have been planted and no evidence of seeding itself among native vegetation (*FCB 1983*).

16 Aughnanure Castle 1983, possibly planted; Arkinbeg 1984 (Scannell & Jebb 2000).

OLEACEAE

Forsythia Vahl

F. × intermedia Zabel (*F. suspensa* × *F. viridissima*)

Forsythia

Relic of cultivation, and possibly a rare garden escape.

4, 6, 19.

4 Ovens 1999, among shrubs on roadside (I. Green).

6 Kilnamack 1997, by ruin (P. Green and I. Green).

19 * Maynooth College, near southern boundary wall (Bowering *et al.* 1995).

Jasminum L.

J. nudiflorum Lindl.

Winter Jasmine

6 Ballygally East 2000, self-sown on wall of ruin in wood; Portlaw 2001, self-

sown on old wall (P. Green and I. Green); garden escape.

J. officinale L.

Summer Jasmine

6 Carrigfeneagh, Carrick-on-Suir 2001, scrambling over ruin (Green 2002).

Syringa L.

S. vulgaris L.

Lilac

Persistent in hedgerows where originally planted; spreads in a limited way by suckering, and only rarely self-sown.

3, 6, 10, 12, 13, 21, 30, 37-40.

3 Aghacunna area 1999, roadside hedge (I. Green).

6 In hedges, by ruins etc. (P. Green and I. Green). Checkpoint 2000, on cliffs, possibly dumped (P. Green).

10 In seven 10 km squares post-1965 (Nash 1993b).

12 Wexford Harbour area (FitzGerald 1996).

13 Often planted for hedging (Booth 1979).

21 Occasionally persistent, mainly in hedgerows (*FDub 1998*).

30 W of Cootehill 1997 (Reilly 2001).

37 Frequent in hedges W of River Creggan near Mountmorris 1976, 1983 (Dawson 1983, **BEL**).

38-40 Commonly planted in gardens and occasionally in roadside hedges away from gardens; rare as self-sown garden escape in hedges, quarries etc. (*FNE 1992*).

Ligustrum L.

L. ovalifolium Hassk.

Garden Privet

Persistent in hedgerows where originally planted, and only rarely self-sown or accidentally introduced, e.g. on waste ground and in quarries.

1-3, 5, 6, 8, 11, 16, 20, 21, 27, 38-40.

1-3, 6, 11 Mostly in hedges; also on waste ground and at sites of ruins (P. Green).

5 Near Fermoy 2001, naturalized populations in hedges near Knockananig Reservoir (O'Mahony 2002).

8 Near Shannon Fields, just N of Limerick city 1997, in hedgerow (SR).

16 Inishbofin mid-1960s, in field hedge (Webb & Hodgson 1968).

20 Wicklow 1950, one in untrimmed hedge of native shrubs (Wallace 1954).

21 Dublin City, in some sites where unlikely to have been planted (*FID 1984*). Occasional in hedges (*FDub 1998*). Ballyogan tiphead 1993 (SR).

27 E of Mallaranny 1969, field hedge (**TCD**).

38, 39 Belfast, accidentally introduced at several sites (*FBel 1997*).

40 * Roadside E of Coney Island 1939; common hedging plant (Brenan & Simpson 1949, Harron 1986).

38-40 Occasionally self-sown in wild situations (*FNE 1992*).