

Green).

**8** Gooig sand pit 1996, parent tree nearby (SR).

**21** \* Ballyogan tip 1995; Irishtown 1996, disturbed ground (SR).

### **Chamaecyparis** Spach

**C. lawsoniana** (A. Murray) Parl.

**Lawson's Cypress**

Occasionally self-sown, usually near parent trees, and sometimes on walls.

**1, 6, 8, 11, 20, 21, 30.**

**1** \* Cahal Mountain range 1988 (*Atlas 1990*, Reynolds 1996b, **DBN**).

**6** Rathgormuck 1997, self-sown on bridge (I. Green).

**8** Curragh Chase Forest Park 1994, near planted trees (Reynolds 1996b). W of Ballylanders 1998, quarry on hill; N of Mitchelstown 1998, in glen (SR).

**11** Rosbercon 1993-94, railway siding (SR).

**20** Glenree Valley; Hollywood, wall top; near Mucklagh Bridge, by forestry track; all 1999 (SR).

**21** Marlay Park 1995, on old stone wall (SR).

**30** On Sallaghan Bridge, Lough Gowna 1997 (Reilly 2001).

## **FLOWERING PLANTS – DICOTYLEDONS**

### **LAURACEAE**

**Laurus** L.

**L. nobilis** L.

**Bay**

Rarely self-sown.

**2, 6.**

**2** \* Killarney National Park near Muckcross Lake 1986, seedlings close to planted trees (Kelly 1988).

**6** Single trees on banks of River Blackwater 1997 and Clodiagh River 2000, possibly dumped at the latter site (P. Green and I. Green).

### **ARISTOLOCHIACEAE**

[**Asarum** L.

**A. europaeum** L.

**Asarabacca**

**34** Pettigoe, waste places in village (Dickie 1864); possibly in error for another species.]

### **NYMPHAEACEAE**

{**Nuphar** Sm.

**N. pumila** (Timm) DC.

**Least Water-lily**

**35** Deliberately introduced into a mountain lake about 1 mile (c.1.6 km) from Carrablagh (Hart 1898); "its subsequent history is unknown" (Praeger 1934b).}

## CERATOPHYLLACEAE

### **Ceratophyllum L.**

#### **C. submersum L.**

**Soft Hornwort**

First found in Co. Down in 1989, the status of this aquatic plant is not clear.

**12, 38.**

**12** Coal channel on South Slob, Wexford 1991; possibly arrived with waterfowl (FitzGerald 1996).

**38** \* Lough Keelan 1989; lake in Ballydargan townland 1989 (Smith & Wolfe-Murphy 1991). Ballymurry 1990 (*FNE 1992*).

## RANUNCULACEAE

### **Helleborus L.**

#### **H. foetidus L.**

**Stinking Hellebore**

Rare garden escape.

[8], **13, 21-24, 36, 37.**

[8 Record in *Cyb 1866* an error (*Cyb 1898*).]

**13** Slyguff 1955, well established (Wallace 1956).

**21** \* Cheeverstown 1884, 1886; Bohernabreena 1887 (**DBN**).

**22** S of Julianstown 1911, well established along a hedge and looking "quite wild" (O'Callaghan 1911).

**23** Near Wilson's Hospital school, SW of Multyfarnham c.1970, on bank where it "appears to be growing quite wild" (Johnston 1970).

**24** Saint's Island 1994, well established above stony foreshore (Nash & Howard 1995).

**36** Cookstown 1931 (**BEL**).

**37** W of Maydown Bridge, Benburb 1983, one plant in disused quarry (**BEL**).

#### **H. orientalis Lam.**

**Lenten-rose**

**6** Ardmore 1997, relic of cultivation; still there 2001 (P. Green and I. Green).

#### **H. viridis L.**

**Green Hellebore**

Rare garden escape.

**5, 6, 8, 14, 17, 21-23, 25, 27, 32, 33, 35-39.**

\* 19th C and early 20th C records for **5, 6, 21** (*Cyb 1866*), **8, 14, 17, 23, 25, 27, 37** (**DBN**), **35** (Hart 1898, **DBN**), **36** (**BEL**), **38** (*FNE 1888*) and **39** (*FNE 1888*, **BEL**).

Records from 1940s on:

**22** Warrenstown near Dunboyne 1955, roadside (**DBN**). Charlesfort 1957, well established by woodland path (Wallace 1959a).

**32** Near Corraskea, S of Clones 1984, hedgerow (**TCD**).

**33** Lough Erne at Rossclare, Killydeas 1946, in scrub on shore where it had persisted for more than 10 years (Carrothers *et al.* 1947b, **BEL**).

**37** Drumgar 1975, on site of house demolished 100 years before (Dawson 1983, **BEL**).

**Nigella L.**

**N. damascena L.**

**Love-in-a-mist**

Rare garden escape.

**6, 21.**

**6** Portlaw 2001, single plant on waste ground (P. Green).

**21** \* Near St Anne's Park, Raheny 1988 (P. Grant).

**Aconitum L.**

**A. napellus L.**

**Monk's-hood**

Occasional garden escape, discard or relic of cultivation. Some modern records may refer to *A. × cammarum* L. (Clement & Foster 1994).

**6, 12, 21, 30, 36, 38-40.**

**6** Kilnamack 1997, near ruin (P. Green and I. Green). Ballyphilip East by River Blackwater 2000, several clumps on soil heap (P. Green).

**12** Garrycullen 1988, one plant away from houses (P. Green and I. Green).

**21** \* Howth 1868, "not far from a garden" (**DBN**).

**30** Near Shannon Pot 1994, established on track (Reilly 2001).

**36** Cabragh and near Ballygawley 1993; Mullaghslin 1998 (I. McNeill).

**39** Near Lough Neagh, occurring mainly as isolated plants (Harron 1986).

**38-40** Occasional on rubbish tips, derived from garden stock (as *A. napellus* agg. in *FNE* 1992).

**Consolida (DC.) Gray**

**C. ajacis (L.) Schur** (*Delphinium ajacis*)

**Larkspur**

Rare casual; modern records probably garden escapes; pink- and blue-flowered.

**6, 21.**

**6** Logloss, W side of Waterford City 2000, two plants on waste ground (Green 2001b).

**21** \* Portmarnock 1869, single plant in sandy arable ground (More 1872, *Cyb* 1898). [An earlier record from Dundrum of *Delphinium consolida* growing with *Adonis annua* is probably referable to this species (*Cyb* 1866).] Howth (Hart 1887). Alexandra Road, Dublin Port 1934 (Reynolds & Nash 2001). Ringsend Dump (Curtis & Wyse Jackson 1979). Dublin City 1984-85, 1993-94, scattered sites on disturbed ground (Reynolds 1994c, 1996b, **DBN**).

**Anemone L.**

**A. apennina L.**

**Blue Anemone**

Infrequent garden escape; usually established in demesne or former demesne woodlands.

\* Glasnevin, Co. Dublin, before the establishment of the Botanic Gardens (in 1795), no doubt planted or escaped from cultivation, and where it persisted (*Cyb*

1866); 19th C records from Cork (Allin 1883), Straffan, Co. Kildare and Knockdrin, Co. Westmeath (**DBN**) as well as Dublin (*Cyb* 1898, **DBN**).

*Cens Cat* **4, 5, 21**.

Post-1970 records:

**4** Jennings woods behind Cork greyhound track 1973 (O'Mahony 1975). Woodland beneath Kilnap railway viaduct on Old Mallow Road 1996 (O'Mahony 1997).

**5** Cregg Castle woods, Fermoy 1972 (O'Mahony 1975).

**21** Mount Merrion woods 1976 (**DBN**). Howth demesne, St Anne's Park, University College at Belfield etc. (*FDub* 1998). Marlay Park 1993, blue- and white-flowered plants (SR).

**A. × hybrida** Paxton (*A. hepheensis* × *A. vitifolia*)

**Japanese Anemone**

**21** Ballyogan tiphead 1994, garden throwout (SR).

**A. ranunculoides** L.

**Yellow Anemone**

Rare garden escape or relic of cultivation.

**40** Beside Castle River near Baltedagh Rectory 1975-78; Umbra Nature Reserve 1986, in scrub (*FNE* 1992).

**Clematis** L.

**C. montana** Buch.-Ham. ex DC.

**Himalayan Clematis**

**7** Map record (*Atlas* 1990).

**C. vitalba** L.

**Traveller's-joy**

Common garden escape; naturalized in hedgerows, thickets, on sand dunes, roadside and railway banks, and more rarely in built-up areas.

\* Woods, hedges and sand hills, rare (*Cyb* 1866).

*Cens Cat* **1-28, 31, 36-39**. Also **30, 40**.

Additional vice-county records:

**30** Belturbet area, post-1950; Bellamont, Cootehill 1999 (Reilly 2001).

**40** The Umbra 1982 (*FNE* 1992).

**Ranunculus** L.

**R. arvensis** L.

**Corn Buttercup**

Rare casual or cornfield weed; no modern records.

**9, 21, 39**.

**9** By Lough Bunny 1933, patch of about 100 plants (Praeger 1934c, **DBN**).

**21** \* 18th C to mid-19th C, apparently introduced with 'corn', e.g. Beldrummond (Baldrummond) 1804 (*Cyb* 1866, *FDub* 1904, **DBN, TCD**). Guinness Brewery 1944, introduced with foreign grain (Brunker 1944b, **DBN**).

**39** "Formerly .... near Larne" (More 1872).

*R. ficaria* L. subsp. *bulbilifer* Lambinon (*R. ficaria* subsp. *bulbilifer*)  
 Lesser Celandine  
 Probably introduced (*Cens Cat*).  
 Common, particularly in disturbed ground.  
*Cens Cat* 4, 9, 13, 14, 16, 18, 20-23, 25, 27-29, 31, 36-40. Also 8 (Reynolds 1989a), 30 (Reilly 2001) and, no doubt, more vice-counties.

**R. muricatus** L. **Rough-fruited Buttercup**  
 39 Belfast 1893/94, near distillery/flour mill, introduced with foreign grain (Stewart & Praeger 1894-95).

*R. parviflorus* L. Small-flowered Buttercup  
 Probably introduced (*Cens Cat*).  
 Rare casual, formerly more common.  
*Cens Cat* 4, 5, 7, 9, 11, 12, 20, 21.  
 Post-1970 records:  
 9 Inishmaan, Aran Islands 1974; also on Inishmore and Inisheer in 1960s (Webb 1980).  
 12 E of Rosslare Harbour 1980, by cliff path (TCD). Ferns 1991, waste ground (DBN).

**R. sardous** Crantz **Hairy Buttercup**  
 38 Belfast docks 1986 (*FNE 1992*, BEL).

**Adonis** L. **Pheasant's-eye**  
**A. annua** L. (*A. autumnalis*)  
 Rare casual; probably sown with crops; no modern records.  
 5, 8, 20, 21.  
 \* In 19th C, Little Island in 5; on broken ground between Enniskerry and Bray in 20; and among crops in 21 (*Cyb 1866*).  
 8 Foynes 1909, in a carrot bed (DBN).

## BERBERIDACEAE

**Berberis** L. **Box-leaved Barberry**  
**B. cf. buxifolia** Lam.  
 39 Between Ballyclare and The Battery 1983, forming a ragged hedge on roadside (*FNE 1992*).

**B. darwinii** Hook. **Darwin's Barberry**  
 Rare garden escape; bird-sown or self-sown.  
 6, 8, 16, 36, 38, 39.  
 6 Near Glencairn Abbey 2000 (Green 2001b). Kilmacthomas 2001, three bushes self-sown on steep rock face (P. Green).

- 8** Hill above Foynes 1995, one probably bird-sown (Reynolds 1997e, **DBN**).  
**16** \* Near Ballinaboy, long established and seeding itself in scrub (Scannell & McClintock 1974, *FCB* 1983). Near Carna 1984 (Scannell & Jebb 2000).  
**36** Wild ground at a few sites post-1980 (I. McNeill).  
**38** \* Crawfordsburn Country Park 1971, established on river bank (**BEL**).  
**38, 39** Belfast area, seedlings; some records probably refer to *B. × stenophylla* (*FBel* 1997). Frequently planted and occasionally more or less naturalized in demesnes and gardens in NE (*FNE* 1992).

**B. × stenophylla** Lindl. (*B. darwinii* × *B. empetrifolia*) **Hedge Barberry**  
 Rare garden escape; bird-sown or self-sown.  
**21**, {38-40}.  
**21** Howth 1990, cliff top (*FDub* 1998).  
 {38-40 Planted extensively in NE, e.g. Dromore, Co. Down 1988, park below railway viaduct (*FNE* 1992); in Belfast, some records of seedlings of *B. darwinii* probably refer to this hybrid (*FBel* 1997).}

**B. thunbergii** DC. **Thunberg's Barberry**  
**6** Ardmore 1997, relic of cultivation (P. Green and I. Green).

**B. vulgaris** L. **Barberry**  
 Rare, in hedgerows and on limestone pavement. *B. vulgaris* harbours the rust fungus of wheat, and so was exterminated in many districts (e.g. Webb 1959c); prohibited in Republic of Ireland by Noxious Weeds (Common Barberry) Order, 1958.  
 \* Hedges and about cottage gardens, but only in places where it had been planted (*Cyb* 1866); also an escape or outcast (*Cyb* 1898).  
*Cens Cat* **1-3, 5, 9, 10, 13, 22, 31, 35, 38**, but "exterminated in most of these districts".

Post-1970 records:

- 1** E of Kenmare 1976, single bush on roadside (O'Mahony 1980).  
**9** NE of Lough Bunny (Killourney) 1963-70, in fair quantity on limestone pavement among scattered pine trees (Webb 1982); still near Killourney 1996 (Scannell & Jebb 2000). N of Lough Bunny, just N of crossroads near Boston 1989, 2001, several bushes on roadside and near road (V. Rowe, SR).

**B. wilsoniae** Hemsl. **Mrs Wilson's Barberry**  
**13** W of Kildavin, one plant in hedge, garden escape (Booth 1979).

**Mahonia** Nutt.  
**M. aquifolium** (Pursh) Nutt. **Oregon-grape**  
 Rare garden escape; presumably bird-sown.  
**20, 36, 39**.  
**20** Glendalough 1994, roadside wall (SR).

**36** \* Favour Royal post-1987, on wild ground (I. McNeill).

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

## PAPAVERACEAE

### **Papaver L.**

#### **P. argemone L.**

#### **Prickly Poppy**

Rare casual, mainly in sandy ground; formerly widespread, but never common.

\* Cultivated land, usually in sandy soil and near the coast, rare (*Cyb 1866*).

*Cens Cat* **3-14, 17, 19-25, 27, 31, 37-40**.

Post-1970 records:

**21** N Co. Dublin coast 1982-92, roadsides, tracks, waste ground and railway line; in several areas where also recorded in late 19th/early 20th C (*FDub 1998*).

#### **P. dubium L.**

#### **Long-headed Poppy**

Probably introduced (*Cens Cat*).

Both subspecies frequent, in cultivated and disturbed ground.

*P. dubium* subsp. *dubium* (*P. dubium*)

*Cens Cat* **1-3, 6, 8-11, 13, 14, 16, 20-25, 27, 30-32, 37-40**.

*P. dubium* subsp. *lecoqii* (Lamotte) Syme (*P. lecoqii*)

*Cens Cat* **1-3, 5, 6, 8-23, 25, 26, 28, 30, 31, 37-40**.

#### **P. hybridum L.**

#### **Rough Poppy**

Rare casual; protected in Republic of Ireland by Flora (Protection) Order, 1999.

\* Cultivated land, mostly in sandy soil, rare (*Cyb 1866*); in 19th C, apparently more abundant along the Co. Dublin coast than anywhere else in Ireland (*Cyb 1898*).

*Cens Cat* **5, 8, 9, 12, 15, 20, 21, 24, 28, 31, 38**, but most of these pre-1950.

Post-1970 records:

**21** W of Malahide 1985, disturbed ground; Portrane Peninsula 1985, edge of neglected barley field (*FDub 1998, DBN*); still on Portrane Peninsula 2001 (P. Reilly).

**38** Bishop's Court 1970; formerly more common along Co. Down coast (Kertland 1972, *FNE 1992*).

#### [*P. nudicaule* L.

#### **Iceland Poppy**

27 Erroneous 19th C record (Carrothers 1952, Synnott 1986).]

#### **P. rhoeas L.**

#### **Common Poppy**

Probably introduced (*Cens Cat*).

Frequent, in cultivated and disturbed ground.

*Cens Cat 1-40.*

**P. somniferum L.**

**Opium Poppy**

Frequent casual, mainly in disturbed ground including rubbish tips; in many cases an obvious garden escape or discard; some plants double-flowered.

\* Weed among crops and on waste ground near gardens, occasional (*Cyb 1866*).

*Cens Cat 1-10, 15, 19, 21, 22, 25, 26, 30, 31, 33, 34, 36-40.* Also **13, 16/17, 20, 28.**

Additional vice-county records:

**13** Borris; Ballymoon quarry; Carlow town (Booth 1979).

**16/17** Galway City (*FCB 1983*).

**20** Cultivated and waste ground (Brunker 1950). Wicklow town, E bank of Vartry River 1993 (DNFC). Arklow Port 1994 (SR).

**28** Five sites (Cotton & Cawley 1993).

**Glaucium Mill.**

**G. corniculatum** (L.) Rudolph

**Red Horned-poppy**

**21** Howth 1903, garden weed (**DBN**).

**Chelidonium L.**

**C. majus L.**

**Greater Celandine**

Fairly common garden escape or relic of cultivation, mainly in E half; seeding freely and persistent in some localities; roadsides, waste ground, walls and hedgebanks, often near houses. Formerly a medicinal plant (Synnott 1979a).

\* Walls, hedges and waste places, usually near dwellings or ruins (*Cyb 1866, Cyb 1898*).

*Cens Cat 1-40.*

**Eschscholzia Cham.**

**E. californica** Cham. (*E. douglasii*)

**Californian Poppy**

Rare garden escape or discard; roadsides and disturbed ground.

**4, 6, 20, 21, 38.**

**4** Cork City 1999 (O'Mahony 2000b).

**6** Lackenfune, Dungarvan 2001, single plant (P. Green).

**20** Wicklow town, E bank of Vartry River 1993 (DNFC).

**21** \* Dublin City and suburbs (*FDub 1904*, Grierson 1920, Praeger 1934b, *FID 1984*, Reynolds 1994a, *FDub 1998*).

**38** Belfast (*FBel 1997*).

**Macleaya R. Br.**

**M. × kewensis** Turrill (*M. cordata* × *M. microcarpa*)

**Hybrid Plume-poppy**

Garden escape or throw-out (Stace 1997).

## FUMARIACEAE

### Dicentra Bernh.

**D. formosa** (Haw.) Walp.

**Bleeding-heart**

Rare garden escape.

**36, 39.**

**36** Clanabogan House, SW of Omagh 1995, becoming naturalized there (I. McNeill).

**39** One site in Belfast, garden escape (*FBel* 1997).

### Pseudofumaria Medik.

**P. lutea** (L.) Borkh. (*Corydalis lutea*)

**Yellow Corydalis**

Occasional garden escape; established mainly on walls, often not far from gardens.

\* Near Purdysburn, Co. Down (*Cyb* 1866), and other scattered records in 19th C (e.g. *Cyb* 1898, *FNE* 1992).

*Cens Cat* **15, 20-23, 31, 35-40.** Also **6, 7, 25, 29, 30, 32.**

Post-1987 and additional vice-county records:

**6** Glennaneane 2000, single plant in field wall (P. Green).

**7** Golden 1989, by Tipperary road (SR).

**21** Burrow Road between Sutton and Howth 1991 (*FDub* 1998).

**25** Castlecoote 1996, on bridge over River Suck and adjacent buildings (SR).

**29** Kinlough, walls around ruined mansion (Cotton & Cawley 1993).

**30** W of Cootehill 1999 (Reilly 2001).

**32** About 4 km S of Carrickmacross 2000, disused limestone quarry (Hill 2001).

**36** Several locations (I. McNeill).

**39** Glenoe 1989; Dervock 1991 (*FNE* 1992). Belfast (*FBel* 1997).

### Fumaria L.

**F. bastardii** Boreau (*F. confusa*)

**Tall Ramping-fumitory**

**F. muralis** Sond. ex W.D. J. Koch (including some records of *F. boraei*)

**Common Ramping-fumitory**

Both species apparently common, in cultivated and waste ground, but not always distinguished from each other in the past or present (e.g. Webb *et al.* 1996, *FBel* 1997, *FDub* 1998). In Co. Cork, a preliminary survey showed *F. muralis* to be widespread and common, and *F. bastardii* to be widespread but rather scarce (O'Mahony 2001c).

*Cens Cat* for *F. bastardii* **1-6, 8-10, 12, 13, 15-18, 20-25, 27-31, 33-40.**

*Cens Cat* for *F. muralis* **1-13, 20-22, 24, 25, 31, 34, 38-40.**

**F. densiflora** DC. (*F. micrantha*)

**Dense-flowered Fumitory**

Rare casual; latest records from Co. Roscommon in 1960s, on rubbish tip and disturbed roadside; det. P.D. Sell (Wallace 1963, 1966).

\* Cultivated fields, rare (*Cyb* 1898).

*Cens Cat* **17, 21, 22, 25, 29, 37-40.**

[*F. occidentalis* Pugsley Western Ramping-fumitory  
21 (Webb *et al.* 1996); rare endemic in SW Britain (Stace 1997).]

*F. officinalis* L. Common Fumitory  
Probably introduced (*Cens Cat*).  
Frequent, but less so in the W.  
*Cens Cat* 1-25, 27, 30-40.

**F. parviflora** Lam. **Fine-leaved Fumitory**  
In the absence of specimens, the identity of some early records was doubted (*Cyb* 1866). A specimen from 4 collected in the Botanic Garden, Cork 1849 was confirmed by the *Fumaria* expert H.W. Pugsley (**DBN**); see Praeger (1905c).

**F. purpurea** Pugsley **Purple Ramping-fumitory**  
Infrequent casual; cultivated and disturbed ground, also coastal habitats on sand and shingle.

\* The species was first defined by H.W. Pugsley in the early 1900s, with scattered records in Ireland; an earlier *Fumaria* record from Glenmore, Co. Antrim in 1859 was redetermined by him as *F. purpurea* (*FDub* 1904, Praeger 1906a, Wear 1923).

*Cens Cat* 1, 2, 12, 14, 16, 20-22, 31, 34, 36, 38-40. Also 3, 6, 10.

Post-1970 and additional vice-county records:

3 Long Island 1993; Horse Island 1994 (Akeroyd 1996). Goleen and Sherkin Island 1997 (J. Akeroyd).

6 Bunmahon 2001, waste ground at edge of dunes (Green 2002), previously found there 1997; Kilgohanet 2001 in weedy churchyard, and Dungarvan 2001 on waste ground (P. Green).

10 Maudemount Bog 1991 (Nash 1993a).

21 N Co. Dublin in potato fields and sandy ground; elsewhere in disturbed ground 1984-90 (*FDub* 1998, **DBN**, **TCD**).

39 Belfast 1988, rubbish tip (*FNE* 1992).

40 The Dog Leap 1980; Castlerock 1982 (*FNE* 1992).

[*F. vaillantii* Loisel. Few-flowered Fumitory  
8 Limerick City 1897 (**DBN**); *Fumaria* expert H.W. Pugsley saw the specimen and doubted the identification. Limerick 1899 (Praeger 1905c, 1909a).]

## PLATANACEAE

**Platanus** L.

**P. × hispanica** Mill. ex Münchh. (*P. × hybrida*; *P. occidentalis* × *P. orientalis*)

**London Plane**

21 Dublin City, very commonly planted, and rarely self-sown (*FID* 1984).

## ULMACEAE

### **Ulmus L.**

### **Elms**

Elms, recovering well from the effects of Dutch Elm Disease, are mainly found in hedgerows where they persist or establish themselves by suckering. Dr D.L. Kelly, based on his own work and observations made by Dr R.H. Richens in the 1970s, considers both *U. × hollandica* and *U. minor s.s.* to be widespread, and *U. procera* to be scarce and very local. Most of the records were from hedgerows, probably all planted, on more or less fertile soils. Specimens collected by Dr D.L. Kelly and determined by Dr R.H. Richens are in **TCD**.

Two problems have hindered the reliable recording of Elms in recent decades – widely differing interpretations of species and hybrids in the genus (see Stace 1997), and the difficulty of identifying atypical leaves on hedgerow suckers.

### **U. × hollandica Mill.**

### **Dutch Elm**

Probably widespread.

**2, 9, 19.**

**2** \* Near Reen Point, Lower Lake, Killarney 1973; Innisfallen, Lough Leane, Killarney 1986, suckering tree (**TCD**).

**9** Ballinalackan Castle 1974, margin of small planted wood, near old mansion; Clifden Hill, S of Lough Inchiquin near Corofin 1974, margin of mixed wood (**TCD**).

**19** Moyvalley 1974, roadside hedgerow (**TCD**).

### **U. minor Mill.**

### **Small-leaved Elm**

Probably widespread.

*Cens Cat* **4, 7, 8, 10-12, 19, 21, 26, 31, 32.**

### **U. procera Salisb.**

### **English Elm**

Probably rare.

*Cens Cat*, confirmed from **5, 12, 14, 21**. Also **3**.

Additional vice-county record:

**3** Sherkin, Cape Clear, Horse and Spanish Islands (Akeroyd 1996).

## CANNABACEAE

### **Cannabis L.**

### **Hemp**

#### **C. sativa L.**

Rare casual in disturbed ground; recent records from Dublin and Co. Antrim; from discarded birdseed in a Dublin garden and probably elsewhere; occasionally cultivated illegally.

**8, 9, 12, 21, 34, 38, 39.**

**8** Limerick docks and disused quarry 1900 (Praeger 1900c, **DBN**). Near Shanagolden 1902, field (**DBN**).

**9** Kilrush 1894 (**DBN**).

- 12** Enniscorthy 1898, waste ground (**DBN**).
- 21** \* Howth (Hart 1887, **DBN**). Ticknock 1896, potato field (*FDub 1904*). Clontarf and Dublin 1919 (Druce 1920). Dublin City, cultivated on waste ground (*FID 1984*). Dun Laoghaire 1985; Irishtown 1987 (*FDub 1998*, **DBN**).
- 34** Ballyshannon 1939 (Brenan & Simpson 1949).
- 38** Near Ballymacarrett Halt 1915 (as *C. indica* in Carrothers 1916). Ormeau Park 1920s (*FNE 1938*, *FNE 1992*).
- 39** \* Near Antrim; Trooperslane Station c.1878, edge of cornfield (*FNE 1888*, *FNE 1992*). Stranmillis 1927 (*FNE 1938*, **BEL**). Near Craiginorne 1996, disused quarry being infilled (S. Beesley and J. Wilde).

### **Humulus L.**

#### **H. lupulus L.**

#### **Hop**

Occasional relic of cultivation, long established in some places; in hedgerows and thickets, but usually not spreading further. Formerly the commercially useful female plants were grown (e.g. Brunner 1950); male plants prohibited in Republic of Ireland by Noxious Weeds (Male Wild Hop Plant) Order, 1965; now a rare crop.

\* Usually near ruins and houses, rather rare and no doubt the remains of former cultivation (*Cyb 1866*).

*Cens Cat* **1-16, 18-23, 26, 29, 31, 33, 35-40**. Also **28, 32**.

Post-1987 and additional vice-county records:

- 3** Sherkin Island 1990s; previously reported from there 1949 (Akeroyd 1996). Bere (Bear) Island 1997 (L. Wolstenholme).
- 4** Fountainstown area, W side Cork Harbour 1999, in damp ground (O'Mahony 2000b).
- 6** Cappagh 1997, side of drive; Ballyglan 1998, edge of dunes (P. Green); previously recorded at the latter site, also known as Woodstown strand, in 1973 (Ferguson & Ferguson 1974, **DBN**).
- 8** WNW of Pallas Grean 1998 (Reynolds 1999a).
- 11** Near Ringwood House, NNW of New Ross 2001 (SR); previously recorded there 1972 (Breen 1973, **DBN**).
- 13** N of Graiguenamanagh, E side of River Barrow 1990 (SR), also 1995 (**DBN**).
- 21** Few localities, including Tymon Lane where known since late 19th C, and Barnacullia since 1953 (*FDub 1998*).
- 28** Drum (Cotton & Cawley 1993).
- 32** St Muadain's Church N of Emyvale; S of Emyvale; Alkill; all post-1994 (I. McNeill).
- 36** Three locations post-1980 (I. McNeill).
- 39** Whitehead 1981-92, by old coastguard houses (*FNE 1992*).

**MORACEAE****Ficus L.****F. carica L.****Fig**

Rare; from discarded fruit or self-sown.

**5, 21, 30.**

**5** Cork City near Kent Station 1990-91, large tree on waste ground (Scannell 1991, **DBN**).

**21** \* Dublin City, by Royal Canal 1980 (*FID 1984*), and by Grand Canal 1991 (*FDub 1998, TCD*). S of North Strand Road 2000, large bush by Royal Canal (D. Nash).

**30** \* Kingscourt 1980, on wall (Synnott & Breen 1982).

**URTICACEAE****Urtica L.****U. pilulifera L.****Roman Nettle**

Rare casual; no modern records.

**3, 21, 38.**

**3** \* Near Bantry and elsewhere (*Cyb 1866*).

**21** Near Baily lighthouse post-1887, by ruined cottage (Hart 1891); not refound in 1894 (Praeger 1895).

**38** Ballymacarrett 1915 (*FNE 1938, FNE 1992*).

**U. urens L.****Small Nettle**

Fairly common, established in cultivated and disturbed ground, on roadsides and rubbish tips.

\* Waste places and cultivated land, frequent (*Cyb 1866*); recorded in all vice-counties by end of 19th C (*ITB 1901*). A weed in Viking Dublin (Geraghty 1996).

*Cens Cat* **1-40**.

**Soleirolia Gaudich.****S. soleirolii** (Req.) Dandy (*Helxine soleirolii*)**Mind-your-own-business**

Fairly common garden or greenhouse escape, in urban and rural habitats; naturalized in lawns, on damp walls, shady banks etc. Difficult to eradicate and likely to become more widespread.

\* In wilder part of Merlin Park E of Galway City, early 1930s; "so persistent a weed of rock gardens that it is quite likely to spread and establish itself in Ireland, as other small creepers are inclined to do" (Praeger 1934a); roadsides at Glengarriff in W Cork, apparently becoming naturalized (Praeger 1939), and elsewhere in SW (Praeger 1946).

*Cens Cat* **1, 3-6, 8, 16, 17, 20, 21, 23, 27, 36/37, 39, 40**. Also **12, 28, 29, 36, 38**. Additional vice-county records:

**12** Bannow 1994, on gravel inside old church (SR). Wexford Harbour area

(FitzGerald 1996).

**28** Sligo town; near Lissadell House (Cotton & Cawley 1993).

**29** Tullaghan (Cotton & Cawley 1993).

**36** Several records post-1980 (I. McNeill).

**38** Bangor 1960-90 (*FNE 1992*). Belfast (*FBel 1997*).

## FAGACEAE

### **Fagus L.**

#### **F. sylvatica L.**

#### **Beech**

Widely planted, and regenerating particularly in woodland; somewhat less common among natural vegetation far from parent trees (e.g. Webb & Glanville 1962, Harron 1986). Invasion of oak forest widespread, including the Killarney woods; also a threat to yew woods at Killarney (Kelly 1981, 1988).

\* Date of introduction not known, but possibly brought in with the Normans (Nelson & Walsh 1993). Very generally planted (*Cyb 1866*); freely seeding, although rare in wild stations (*Cyb 1898*); by early 1930s, 19 vice-counties listed where "trees self-sown in wild ground" (Praeger 1934a).

*Cens Cat 1-40*.

### **Nothofagus Blume**

#### **N. nervosa (Phil.) Krasser**

#### **Rauli**

**6, 38.**

Rarely self-sown.

**6** Tower Hill 2001, forest ride, self-sown (I. Green).

**38** \* Ballydyan (railway) Cutting 1996, young tree in or near plantation, record made by Ulster Wildlife Trust staff (P. Hackney); possibly self-sown.

### **Castanea Mill.**

#### **C. sativa Mill. (*C. vulgaris*)**

#### **Sweet Chestnut**

Widely planted, but rarely self-sown (*FCB 1983, FNE 1992, FBel 1997, FDub 1998*), and cannot be considered a member of the established flora.

\* In Ireland before 17th C (Nelson & Walsh 1993). Plantations and parks, occasional (*Cyb 1866*).

*Cens Cat 1-8, 10-13, 15-23, 28, 34, 36, 37, 40*.

### **Quercus L.**

#### **Q. cerris L.**

#### **Turkey Oak**

Occasionally self-sown near parent trees, but rarely becoming established.

*Cens Cat 23, 31*. Also **2, 4-6, 21**.

All records:

**2** Killarney National Park 1986, self-sown saplings (Kelly 1988).

**4, 5** Well established in a number of stations (O'Mahony 1992).

**6** \* Newtown Cove, S of Tramore 1964, regenerating in non-native woodland (**TCD**); still there 2001 (P. Green and I. Green). Kilmacomma 1997, one

self-sown on roadside bank (P. Green and I. Green).

- 21** Dublin City 1979, seedling (*FID 1984*). Phoenix Park, seedlings near mature trees (Reilly 1993, *FDub 1998*).  
**23** No details (Scannell & Synnott 1989).  
**31** Roadside hedges NE of Monasterboice round tower 1977; W of Collon 1977, varying in age and size (Synnott 1979b, **DBN**).

## BETULACEAE

### **Alnus** Mill.

{**A. cordata** (Loisel.) Duby

#### **Italian Alder**

Increasingly planted; no published records of *A. cordata* self-sown in the wild.

3, 8, 38.

3 Sherkin, Cape Clear and Heir Islands 2001, planted (J. Akeroyd).

8 Roadside hedge SSE of Ballylanders 1998, presumably planted (SR).

38 Planted in several places (*FNE 1992*, Hackney 1995, **BEL**).

**A. incana** (L.) Moench

#### **Grey Alder**

Widely planted; occasionally self-sown and regenerating in damp ground, as it has been known to do in the past (e.g. Greer 1937b, Praeger 1946, Carrothers *et al.* 1947a, Brunner 1950, Kelly 1985a). Rare hybrid with native *A. glutinosa* (L.) Gaertn. (Parnell 1994, **TCD**).

\* Established by Slaheny River near Kilgarvan, S Kerry (Stelfox 1935).

*Cens Cat* **1, 14, 20, 23, 33, 36, 39, 40**. Also **6, 12, 21, 38**.

Additional vice-county records:

**6** Belle Lake 1999, self-sown in marshy areas on W side (Green 2000c).

**12** Wexford Harbour area (FitzGerald 1996).

**21** Glenasmole Waterworks, planted and self-sown (Stelfox 1935).

**38** Near Saltwater Bridge, Downpatrick 1945, young self-sown trees on shore of Strangford (Lough)/Quoile (Carrothers *et al.* 1947a, *FNE 1992*).

### **Carpinus** L.

**C. betulus** L.

#### **Hornbeam**

Rarely self-sown in the wild, e.g. at edge of bog over limestone near Newchapel, S Tipperary (O'Keefe 1984), and in Co. Tyrone where it is not commonly planted (I. McNeill); usually regenerating in woodland near originally planted trees.

\* Planted in Ireland since at least late 17th C (Nelson & Walsh 1993). Plantations and parks, occasional (*Cyb 1866*).

*Cens Cat* **1, 2, 7, 9, 12, 13, 21, 22, 36, 38**. Also **8, 15, 30**.

Additional vice-county records:

**8** Curragh Chase Forest Park 1997, many self-sown saplings (Reynolds 1998d).

**15** Garryland wood, SW of Gort 1996, planted and self-sown (BSBI).

**30** Kingscourt area post-1950; Lough Gowna area 1962 (Reilly 2001).