

{**S. × sepulcralis** Simonk. (*S. alba* × *S. babylonica*) **Weeping Willow**  
21 Phoenix Park, by lake in Furry Glen (Reilly 1993); probably planted.}

**S. × stipularis** Sm. (*S. viminalis* × *S. caprea* × *S. aurita*) **Eared Osier**  
Common relic of cultivation in NE, rare elsewhere; used for basket-making.  
Specimens in **DBN** were determined by R.D. Meikle; this hybrid can be  
confused with *S. × sericans*.

**8, 21, 23, 38-40.**

**8** SE of Raheenagh 1999, roadside bank (Reynolds 1999b, **DBN**).

**21** S end of Leopardstown Racecourse 1988 (*FDub* 1998, **DBN**).

**23** Bunbrosna 1987 (BSBI, **DBN**).

**38-40** \* Many sites 1985-89 (*FNE* 1992).

*S. triandra* L. **Almond Willow**  
Probably introduced (*Cens Cat*).

Fairly common; an important willow for basket-making (Meikle 1984).

*Cens Cat* **3-15, 19, 22-25, 27, 29, 31-33, 35, 38, 39.**

Also **21** (*FDub* 1998), **28** (Douglas *et al.* 1993) and **40** (*FNE* 1992).

**S. viminalis** L. **Osier**  
Widely planted and relic of cultivation, used for basket-making; often along  
rivers and roadsides, and occasionally establishing itself (*FCB* 1983, *FNE* 1992,  
*FDub* 1998).

\* Frequent, but scarcely wild; much cultivated (*Cyb* 1866).

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

## CAPPARACEAE

**Cleome** L.

**C. serrulata** Pursh **Rocky Mountain Bee-plant**  
**38** Near Sydenham Station 1928/29, casual (Chase 1930, *FNE* 1938).

**C. sesquiorygalis** Naudin ex C. Huber (*C. hassleriana*) **Spiderflower**  
**21** Ringsend 1980s (*FDub* 1998); garden discard.

## BRASSICACEAE (Cruciferae)

Most of the herbarium specimens cited for this family were checked by Dr  
T.C.G. Rich in 1989.

**Sisymbrium** L.

**S. altissimum** L. (*S. pannonicum*) **Tall Rocket**  
Infrequent casual; at ports, on roadsides, rubbish tips and disturbed ground.

\* Cork City 1891, rubbish heap by River Lee near distillery (Scully 1895b,  
**DBN**), and Belfast 1893/94 near distillery/flour mill (Stewart & Praeger 1894-

95); probably also introduced with grain elsewhere (e.g. Knowles 1906, Adams 1909c, Brunker 1944b); a ballast plant near East Wall, Dublin 1894 (*Cyb* 1898, Colgan 1903), and considered to have been introduced with fodder for army horses at Kingstown (Dun Laoghaire) during the 1916 Easter Week insurrection (Colgan 1918).

*Cens Cat* 4, [6], 8, 11, 12, 19-21, 38-40. Also 18. Delete 6; voucher specimen redetermined (Scannell & Synnott 1990, **DBN**).

Post-1987 and additional records:

**8** SE of Foynes 1989 (Reynolds 1992c, **DBN**).

**18** Moneygall 1990 (Reynolds 1993).

**21** Dublin City, Dublin Port and elsewhere (*FDub* 1998, Reynolds 1997e).

**38** Bangor tip and Derryleckagh roadside 1988 (*FNE* 1992). Near Belfast City Airport 2001, on weedy bank (**BSBI**).

**38, 39** Belfast City centre and harbour areas (*FBel* 1997, **BEL, DBN**).

**40** Castlerock dunes 1990, single plant (*FNE* 1992).

**S. irio** L.

**London-rocket**

Rare casual; recent records from Co. Dublin only.

\* Common about Dublin in early 1800s and throughout 19th C, but becoming less so by early 1900s mainly due to concreting of footpaths (e.g. *Cyb* 1866, Praeger 1894a, *Cyb* 1898, *FDub* 1904); considered “merely a grain alien”, possible habitats for this species were further reduced by the mid-1900s (Brunker 1952, 1953, Anon. 1961a).

*Cens Cat* 21. Also 38, 39.

Post-1970 and additional vice-county records:

**21** Dublin City 1976, 1987, 1992; Loughshinny 1985; Chapelizod 1986 (*FDub* 1998, **DBN, TCD**).

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

**39** Stranmillis 1910 (*FNE* 1938, *FNE* 1992).

**S. loeselii** L.

**False London-rocket**

Rare casual; introduced with animal feed.

**8**, [21].

**8** Foynes Port 1988, and roadside SE of Foynes 1989, single plants (Reynolds 1990, 1992c, **DBN**).

[21 Gravel pit near Clontarf 1893 (Praeger 1894a, *FDub* 1904); voucher specimen redetermined as *S. orientale* (**DBN**).]

**S. orientale** L. (*S. columnae*)

**Eastern Rocket**

Fairly common casual; at ports, on old walls, waste ground and rubbish tips; more common in urban areas, establishing itself in Belfast (Chase 1930, *FBel* 1997), Cork (O’Mahony 1985, 2002), Galway (M. Sheehy Skeffington) and Dublin (Hudson 1957, *FID* 1984, Reynolds 1996a, *FDub* 1998); usually introduced with grain. Late season plants may have entire leaves (Rich 1991,

Reynolds 1997e).

\* Belfast 1893/94 near distillery/flour mill (Stewart & Praeger 1894-95), gravel pit near Clontarf 1893 (as *S. loeselii* in Praeger 1894a; voucher specimen in **DBN** redetermined) and East Wall, Dublin Harbour 1894 (*Cyb 1898*).

*Cens Cat* **2-4, 8, 9, 12, 16, 19-21, 27, 30, 31, 34-40**. Also **6, 11, 13, 17, 33**.

Additional vice-county records:

**6** Waterford 1933, waste ground (Scannell & Synnott 1990, **DBN**).

**11** Waterford Port, N side of River Suir 1994 (SR).

**13** Carlow town (Booth 1979).

**17** Ballindooly 1988 (Norton 1997).

**33** Enniskillen 1991, disturbed ground (**BEL**).

**Descurainia** Webb & Berthel.

**D. richardsonii** (Sweet) O. Schulz (including *Sisymbrium incisum*)

**Western Tansy-mustard**

**39** Stranmillis, Belfast 1910, on slob land where rubbish dumped, casual (as *S. incisum* in Carrothers 1910, *FNE 1938*).

*D. sophia* (L.) Webb ex Prantl (*Sisymbrium sophia*)

Flixweed

Probably introduced (*Cens Cat*).

Infrequent casual; post-1987 records for **2, 4, 6, 8, 10-12, 18** and **21** at ports and on roadsides where this species was usually associated with alien plants introduced with grain or animal feed (Kelly 1990a, Reynolds 1990, 1992c, 1993, 1997b, 1997e, 1998c, Scannell 1991, **DBN**); formerly also known to have been introduced with grain (e.g. Praeger 1893g, Stewart & Praeger 1894-95, Knowles 1906).

*Cens Cat* **6, 8, 19-22, 31, 38, 39**. Also **2, 4, 10-12, 18** (see above).

**Isatis** L.

**I. tinctoria** L.

**Woad**

Rare casual. Cultivated in 19th C, and possibly earlier in Co. Dublin; also a weed among crops (*Cyb 1866, Cyb 1898*). Few specific records, e.g. field near Castleconnell, Co. Limerick 1804 (**DBN**), and waste ground on Howth, Co. Dublin (Hart 1887).

**37** Brackagh Moss 1987-88, roadside (Weyl *et al.* 1989, **BEL**).

[**Bunias** L.

**B. orientalis** L.

Warty-cabbage

Specimens in **DBN** were redetermined, e.g. as *Rapistrum rugosum*.

**21** Near Clontarf 1893, gravel pit (Praeger 1894a, *FDub 1904*); voucher specimen redetermined as *Brassica nigra* (**DBN**).

**38** Near Dundonald 1927, clover field (Chase 1927b, *FNE 1938*); unconfirmed.]

**Erysimum L.****E. cheiranthoides L.****Treacle-mustard**

Fairly widespread but uncommon casual or arable weed; often associated with other alien plants introduced with grain or animal feed at ports and on roadsides (e.g. Reynolds 1992c).

\* Not infrequent, but nowhere thoroughly established; introduced with seed (Cyb 1866, Cyb 1898).

*Cens Cat* **4, 7-10, 12-16, 18-21, 23-25, 29, 30, 33, 35, 38, 39.** Also **2, 6, 11, 17, 26, 36.**

Additional vice-county records:

**2** S of Tarbert 1989 (Reynolds 1992c), also 1992.

**6** Abbeyside NE of Dungarvan 1997 (P. Green).

**11** Rosbercon (Kelly 1990a, Reynolds 1992c).

**17** Near Cloonboo 1985 (Norton 1997). Beside Lough Corrib W of Headford 1996, on gravel mound by road (**DBN**).

**26** SE of Cong 1970, turnip field (**DBN**).

**36** Near Fivemiletown, marshy field (McNeill 1998).

Additional post-1987 records, e.g. Beesley 1988, Sheehy Skeffington 1992, *FBel* 1997, McNeill 1998, *FDub* 1998, **DBN, TCD.**

**E. cheiri (L.) Crantz (*Cheiranthus cheiri*)****Wallflower**

Widespread garden escape; established on old walls in urban and rural areas, also on rocks, coastal cliffs and waste ground; usually yellow-flowered on old walls and ruins.

\* On old walls and ruins, rarely on calcareous rocks; well established, but no doubt an escape from cultivation (Cyb 1866).

*Cens Cat* **1-8, 10-17, 19-23, 25, 28, 31, 32, 34-36, 38, 39.** Also **27, 29, 30, [40].**

Additional vice-county records:

**27** Westport Quay 1989, on derelict building (Wyse Jackson 1995).

**29** Manorhamilton, on castle walls (Cotton & Cawley 1993).

**30** Walls in Belturbet and by River Shannon at Dowra 1990 (Wyse Jackson 1995).

[40 Listed in error in *FNE* 1992; no records (P. Hackney).]

**E. × marshallii (Henfr.) Bois (*E. decumbens* × *E. perofskianum*)****Siberian Wallflower**

**21** Ballyogan tiphead 1995, garden discard (Reynolds 1997e).

**E. repandum L. (*Sisymbrium repandum*)****Spreading Treacle-mustard**

Rare casual; no modern records; probably introduced with grain at two sites.

**4, 21, 39.**

**4** \* Cork City 1891, rubbish heap by River Lee near distillery (Scully 1895b, **DBN**); persisted there for over 20 years (Holland 1918).

**21** Ringsend 1906; Inchicore 1915, new roadway (**DBN**).

**39** Belfast 1893/94, near distillery/flour mill (Stewart & Praeger 1894-95).

**Hesperis L.**

**H. matronalis L.**

**Dame's-violet**

Widespread garden escape, particularly in rural areas, but not really established in the wild; in grass verges and hedgerows, on roadside and river banks, and on waste ground; flowers white, lilac and purple.

\* Occasional in fields and waste places, but only as an escape from cultivation (*Cyb 1866*); considered "almost deserving of a place in the Irish flora" by Colgan and Scully (*Cyb 1898*), but "not worth noting" by Praeger (*ITB 1901*).

*Cens Cat* **1-13, 15-23, 25-31, 33, 36-39**. Also **34, 40**.

Additional vice-county records:

**34** Buncrana 1990, by canalized stream (Wyse Jackson 1995).

**40** By Moyola River downstream from Castledawson; by River Bann at Toome (Harron 1986).

**Malcolmia W.T. Aiton**

**M. africana (L.) R. Br.**

**African Stock**

**8** Carey's Road quarry, Limerick City 1904, casual (Phillips 1905a, Praeger 1909a); record cited by Rich & Foster (1992).

**M. maritima (L.) W.T. Aiton**

**Virginia Stock**

Rare garden escape.

**38** No details (Rich & Foster 1992).

**Matthiola W.T. Aiton**

**M. incana (L.) W.T. Aiton**

**Hoary Stock**

Rare garden escape.

**21** S of Killiney Station 1988-94, on coastal boulder clay cliffs; casual elsewhere (*FID 1984*, Reynolds 1996a, *FDub 1998*). Ballyogan rubbish tip 1993; still at Killiney 2000 (SR).

**M. longipetala (Vent.) DC.**

**Night-scented Stock**

Occasional on waste ground in NE (*FNE 1992*); garden escape.

**Barbarea W.T. Aiton**

**B. intermedia Boreau**

**Medium-flowered Winter-cress**

Common in NE, including Belfast (e.g. Harron 1986, *FNE 1992*, *FBel 1997*), and occasional elsewhere; tilled fields, roadsides and waste ground.

\* Fields near Ballymena, Co. Antrim c.1836, and near Tartaraghan, Co. Armagh 1854 where probably introduced with the crops (*Cyb 1866*; Co. Armagh date given as 1844 in Anon. 1860); considered established in NE by end of 19th C (*FNE 1888*, *ITB 1901*).

*Cens Cat* **1, 2, 4, 7, 9, 15, 20, 21, 23-25, 28, 30-33, 36-40**. Also **3, 5, 6, 8, 10**,

**22, 29.**

Additional vice-county records:

- 3** Ballingeary 1934, waste ground (**DBN**). Sherkin Island 1999-2001 (J. Akeroyd).
- 5** Glenahulla Cross, W of Mitchelstown, weedy verge 1999 (SR).
- 6** Newtown Cove, S of Tramore 1962 (Ferguson 1968, **TCD**).
- 8** SE of Broadford 1987, weedy field (Reynolds 1988a, **DBN**).
- 10** Just S of Templemore 1991; Maudemount Bog 1991 (Nash 1993a).
- 22** Drogheda, S side of River Boyne 1999 (M. Norton and SR).
- 29** Gortinty Lake, Drumsna, waste ground (Cotton & Cawley 1993).

[*B. stricta* Andrz. Small-flowered Winter-cress  
 19 Near Straffan 1905 (Knowles 1906); two voucher specimens redetermined as  
*B. vulgaris* (**DBN**).]

**B. verna** (Mill.) Asch. (*B. praecox*) **American Winter-cress**

Rare casual on roadsides, and on disturbed and waste ground; also relic of cultivation.

\* Common around Cork, and at Ardmore, Co. Waterford; occasional elsewhere in the vicinity of gardens (*Cyb 1866*). Some old records may have been in error for *B. intermedia*.

*Cens Cat* **1, 3-6, 12, 21, 22, 30, 34, 37-39**. Also **16, 19, 40**.

Post-1970 and additional vice-county records:

- 16** Renvyle 1972, wet waste ground by hotel (**DBN, TCD**).
- 19** Near Straffan 1904-05, hen run by canal (Knowles 1906, **DBN**).
- 21** Howth 1983-84, two sites (*FDub 1998*). Phoenix Park 1990, gravel pits (Reilly 1993, **DBN**). Brewery Road, Stillorgan 1995, one plant; self-seeding in suburban garden for over 10 years (SR).
- 38-40** See Kertland (1972), Harron (1986), *FNE 1992, FBel 1997*.
- 40** S of Garvagh 1988, waste ground (*FNE 1992, BEL*).

**Rorippa** Scop.

**R. austriaca** (Crantz) Besser (*Nasturtium austriacum*) **Austrian Yellow-cress**

- 8** Limerick City 1900, casual on waste ground (Praeger 1900c, 1909a, **DBN**).

**Armoracia** P. Gaertn., B. Mey. & Scherb.

**A. rusticana** P. Gaertn., B. Mey. & Scherb. (*Cochlearia armoracia*)

**Horse-radish**

Occasional relic of cultivation or discard; persistent on grassy roadsides and waste ground, and less commonly on river banks and rubbish dumps; rarely in abundance, e.g. by main road E of Roscrea, N Tipperary 1994 (SR). Mature fruits not produced (Rich 1991); probably dispersed by root fragments; established plants show little tendency to spread.

\* Occasional on waste ground (*Cyb 1866*); long established in many of its

stations (*Cyb 1898*).

*Cens Cat* **1-16, 18-24, 28, 30-32, 34, 35, 37-39**. Also **29, 33, 36**.

Additional vice-county records:

**29** Tullaghan, waste ground; near Kinlough, roadside (Cotton & Cawley 1993).

**33** Skea, Enniskillen 1982, roadside (**DBN**).

**36** Occasional garden discards post-1980; Victoria Bridge 2000 (I. McNeill).

### **Cardamine L.**

**C. bulbifera** (L.) Crantz (*Dentaria bulbifera*)

**Coralroot**

Well established in woodland of two former demesnes in Co. Dublin, and in derelict garden in Co. Clare where it has persisted for nearly a century. Introduced as an unusual garden plant or possibly accidentally with trees.

**9, 21.**

**9** Near Ballyvaughan 1987, in field and adjacent hedge; formerly the garden of nurseryman and botanist P.B. O'Kelly (Nelson & Walsh 1991, **DBN**); plants appear to be of English origin (Showler & Rich 1993).

**21** \* Malahide Castle c.1980 (Lamb 1983). Marlay Park 1981 (Jackson 1983, **DBN, TCD**); still there 1999 (SR). No doubt at both places for many years previously. Marlay Park plants are of continental European origin, f. *ptarmicifolia* (Showler & Rich 1993).

**C. corymbosa** Hook. f. (*C. uniflora*)

**New Zealand Bitter-cress**

A recent weed in nurseries and garden centres, from where it is spreading; no doubt introduced with horticultural material.

**4-6, 9, 18, 21, 39.**

**4** Kanturk 1999, in a nursery (Green 2000b). Killumney WSW of Ballincollig 1999, much in one plant tub (I. Green).

**5** Castlemartyr 1999, in several pots in garden centre (P. Green).

**6** Dungarvan 2000, weed in flower pots in nursery (P. Green).

**9** Raheen, Tuamgraney 2001, in a nursery (P. Moreau, **DBN**).

**18** \* Clara 1994, in a nursery (**DBN**).

**21** Glasnevin 2001, in flower pot from a nursery, and spreading to other pots (Synnott 2001, and pers. comm.).

**39** Carrickfergus Grammar School 1995-96, in flower beds (S. Beesley, **BEL**).

**C. raphanifolia** Pourr.

**Greater Cuckooflower**

**39** Bank of River Maine between Gracehill and Galgorm 2000, 3-4 established clumps, garden escape (Beesley 2000, **BEL**).

### **Arabis L.**

[*A. borealis* Andrz. ex Ledeb.

**9** Kilrush docks 1930 (Scannell 1965, **DBN**); specimen redetermined as *Camelina* sp. (Titz 1973).]

- A. caucasica** Willd. ex Schldtl. **Garden Arabis**  
 Rare garden escape or relic of cultivation.  
**36, 39.**  
**36** Termon House, recently derelict, near Carrickmore 1999; well established on walls (I. McNeill).  
**39** \* One site in Belfast (*FBel 1997*).

[*A. glabra* (L.) Bernh. (*A. perfoliata*, *Turritis glabra*) Tower Mustard  
 Record for Belfast area (*Cyb 1866*, *FNE 1888*) was discounted as a casual or error in *FNE 1938*.]

- Aubrieta** Adans. **Aubretia**  
**A. deltoidea** (L.) DC.  
 Rather rare garden escape, usually not far from gardens.  
**6, 8, 11, 21, 36, 39.**  
**6** Knockanpower Upper 1997, disused quarry (P. Green and I. Green).  
 Gibbethill 2001, self-sown on bridge (I. Green).  
**8** ESE of Askeaton, wall by back gate of Curragh Chase 1987 (SR).  
**11** Thomastown 1999, roadside (P. Green).  
**21** \* Occasional escape (*FDub 1998*).  
**36** \* Occasional escape post-1980 (I. McNeill). Caledon 1998 (Hill 1999).  
**39** Belfast (*FBel 1997*).

- Lunaria** L. **Honesty**  
**L. annua** L.  
 Occasional garden escape or discard, usually not persisting.  
**3, 4, 6, 19, 21, 32, 36, 38, 39.**  
**3** Near Ringrone Bridge in Sandycove Creek, opposite Kinsale 2001, naturalized (O'Mahony 2002).  
**4** Ballinhassig area 1999, and Minane Bridge SW of Crosshaven 1999, on road verges (I. Green).  
**6** Cheekpoint, Kilrossanty and Coolhagh 1997, roadsides, in hedge and by ruin (P. Green and I. Green).  
**19** Maynooth College, in a ditch (Bowering *et al.* 1995).  
**21** \* St Doolagh's quarries 1983; near Clondalkin 1987, waste ground (*FDub 1998*). Phoenix Park, gravel pits (Reilly 1993).  
**32** Killyneill 1999 (I. McNeill).  
**36** \* Occasional post-1980, 1999 (I. McNeill).  
**38** S of Comber 1991, a strong colony (*FNE 1992*).  
**38, 39** Belfast area, quite common except in city centre and harbour estate (*FBel 1997*).  
**39** In eleven 10 km squares since 1985 (Beesley 1993b).



**L. rediviva** L.**Perennial Honesty**

- 4 On rocks by River Lee near Ardrum, and near Cork Waterworks (Allin 1883); garden escape or relic of cultivation.

**Alyssum** L.**A. alyssoides** (L.) L. (*A. calycinum*)**Small Alison**

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

**4, 5, [8], 19, 20, 21, 40.**

- 4 Cork City 1891, rubbish heap near distillery by River Lee (Scully 1895b, *Cyb 1898*, **DBN**; a second specimen labelled *A. 'campestre'* matches *A. alyssoides*).
- 5 Near Whitegate 1897, plentiful in a meadow (*Cyb 1898*).
- [8 Limerick City (Fogerty 1898); unreliable record.]
- 19 Curragh 1897, gravel pit by railway (Praeger 1898b, **DBN**).
- 20 S of Greystones 1894, in resown meadow; Bray Head 1928 (Brunker 1950, **DBN**).
- 21 \* Portmarnock 1817, 1837 (*Cyb 1866*, **TCD**). N Dublin coast from Portmarnock to Rush 19th C, in sandy ground (More 1872, Colgan 1895, 1903, *FDub 1904*, **DBN**).
- 40 Magilligan area sporadically between 1897 and 1935 (*Cyb 1898*, *FNE 1992*, **BEL**, **DBN**).

**Berteroa** DC.**B. incana** (L.) DC. (*Alyssum incanum*)**Hoary Alison**

Rare casual in 19th C.

- 21 Portmarnock 1869, single plant (More 1872). Howth, waste ground (Hart 1887, **DBN**).

**Lobularia** Desv.**L. maritima** (L.) Desv. (*Alyssum maritimum*)**Sweet Alison**

Occasional garden escape or discard, usually not persisting; sandy and waste ground, pavement cracks and rubbish tips.

**2, 4, [4/5], 6, 9, 12, 20, 21, 32, 36, 38, 39.**

- 2 Killarney, station yard (Druce 1907).
- 4 Newmarket 1999, in pavement cracks (P. Green).
- [4/5 About Cork (Allin 1883); record not confirmed (*Cyb 1898*).]
- 6 Ardmore 10 km square, 2000 (P. Green).
- 9 Parteenalax 1904 (**DBN**). Inishmore (Praeger 1909a).
- 12 Rosslare 1945, sand hills (**TCD**).
- 20 Dumps and waste places (Brunker 1950).
- 21 Sutton 1875 (**BEL**). Dalkey 1901-02 (*FDub 1904*). Dublin Port 1990, Dunsink tip 1993, Ballyogan tip 1993-95, Ringsend Dump 1999 (e.g. Reynolds 1994a, 1996a, *FDub 1998*).

- 32** Near Swans Cross Roads post-1994 (I. McNeill).  
**36** Occasional garden discard post-1980 (I. McNeill).  
**38** \* Sandy shore near Groomsport church 1866, persisted for many years (*FNE* 1888, **BEL**). Kinnegar, casual (*FNE* 1938).  
**38, 39** Belfast area (*FBel* 1997).  
**39** Stranmillis 1910, on slob land where rubbish dumped (Carrothers 1910, *FNE* 1938). Whiterocks near Portrush 1978, sandy ground near houses (*FNE* 1992, **BEL**). In five 10 km squares since 1985 (Beesley 1993b).

[*Clypeola* L.

*C. jonthlaspi* L. Disk Cress  
 21 Portmarnock 1823-24; records "should probably be referred to *Alyssum calycinum*" (*Cyb* 1866, *FDub* 1904); see *A. alyssoides* above.]

### **Draba** L.

#### **D. muralis** L.

#### **Wall Whitlowgrass**

Occasionally established on wall tops and gravel; also casual, and a weed in gardens, e.g. Trinity College Botanic Garden 1980s (*FDub* 1998) and Mount Usher, Co. Wicklow 1984 (SR).

\* Blarney Castle and near Old Botanic Garden, Cork; also Belfast, probably escaped from cultivation (*Cyb* 1866); on walls of a Newry nursery, from where it became a troublesome weed (Anon. 1896d, Waddell 1917), and also near a nursery at Hillsborough, Co. Down, where it was abundant (Foster 1918); abundant on walls of Botanic Gardens, Glasnevin; introduced with seeds or plants (*Cyb* 1898).

*Cens Cat* **4, 5, 11, 15, 20, 21, 25, 31, 36, 38-40**. Also **9, 10, 16, 18, 30, 33, 34, 37**.

Post-1987 and additional vice-county records:

- 5** Kildorrery Catholic church 1985-99, limestone wall top (O'Mahony 1986, 2000b).  
**9** Ballyvaughan, casual (*FCB* 1983).  
**10** Near Loughmore 1991, plentiful on bank and walls (Nash 1993a).  
**11** Kells Priory 1999 (Dines 2000a).  
**16** Glann 1966, waste ground by house (*FCB* 1983, **TCD**).  
**18** Birr 1999 (**DBN**).  
**30** Lough Ramor 1990, gravel car park (Reilly 1996, **DBN**).  
**33** Clabby 1988, church wall (**DBN**).  
**34** Donaghmore Church of Ireland 1998/99 (I. McNeill).  
**36** Elm Lodge near Dungannon, and around Fivemiletown, long established (I. McNeill).  
**37** Co. Armagh side of Newry (Waddell 1917).  
**38** Newtownbreda 1990, in flower pots (*FNE* 1992).  
**39** Churchyard and National School at Armoy 1990, and elsewhere (*FNE* 1992, Beesley 1992, **BEL**). Whitepark Bay 2000 (Hill 2000b).

**Camelina Crantz****C. alyssum** (Mill.) Thell. (*C. foetida*)

Rare casual; no confirmed modern records; sown with imported flax seed in 19th C (*Cyb 1866, FNE 1992*). Specimens listed below were determined as *C. alyssum* subsp. *integerrima* (Celak) Smejkal; there is also a specimen of cultivated *C. alyssum* subsp. *alyssum* in **DBN** (Rich 1995).

**8, 38, [39]**.

**8** \* Fields near Castleconnell 1804 (Rich 1995, **DBN**).

**38** Newtownards 1878 (*FNE 1992, DBN*).

[**39** Cushendun 1869, 1872, cultivated fields, "probably this species" (*FNE 1992, BEL*). Ballymoney 1984, one plant in amenity site; no voucher specimen (*FNE 1992*).]

**C. microcarpa** Andr. ex DC. (*C. sylvestris*)**Lesser Gold-of-pleasure**

Rare casual; one modern record from Co. Louth. Specimens redetermined (Rich 1995).

**19, 21, 31**.

**19** Near Straffan 1905, hen run by canal, introduced with grain (as *C. sativa* in Knowles 1906, **DBN**).

**21** \* Howth, waste ground (Hart 1887, **DBN**). [North Bull 1946, *C. cf. microcarpa*, but specimen immature (**TCD**).]

**31** Baltray 1984, beyond gateway to golf club (**DBN**).

**C. rumelica** Velen.

Rare casual in 19th C; probably introduced with grain.

**4** Cork City 1891, rubbish heap near distillery with *C. sativa s.s.* and other aliens (see Scully 1895b, **DBN**); predates the three known British records (Rich 1995).

**C. sativa** s.l.**Gold-of-pleasure**

Herbarium specimens were checked and records unsupported by voucher specimens were treated as *C. sativa* s.l. (Rich 1995).

Formerly a weed in tilled ground or casual on waste ground; decrease in frequency probably due to cleaner imported seed, use of selective herbicides and decline in linen industry (Rich 1995). Recent record from Co. Dublin (Farragher 1998), and in a Co. Down garden from birdseed (Day 2001).

\* Frequent weed in flax crops (*Cyb 1866*); introduced with flax seed (*FNE 1888, Adams 1909c*), grain (e.g. Stewart & Praeger 1894-95, Bruncker 1940) and feeding stuff (Adams 1909d).

*Cens Cat* **4/5, 8, 12, 16, 19, 20, 21, 23, 26/27, 31, 38-40**, but most of these pre-1950. Also **1, 3-5, 9**.

Additional vice-county records:

**1** Dingle 1841 (**GLAM**; as **2** in Rich 1995).

**3-5** In flax fields 19th C (Allin 1883)

- 9 Kilrush 1930 (as *Arabis borealis* in Scannell 1965); specimen redetermined as *Camelina* sp. (Titz 1973, **DBN**).

**C. sativa** (L.) Crantz s.s.

**Gold-of-pleasure**

Rare casual; probably introduced with animal feed at Foynes Port and on some roadsides in Co. Limerick; formerly a weed in arable, including flax, fields. Specimens in Irish and British herbaria cited below were checked by Rich (1995).

4, 8, 12, 16, 20, 21, 26/27, 33, 38, 39.

4 Cork City 1891, rubbish heap near distillery, with *C. rumelica* (Scully 1895b, **DBN**).

8 Field near Castleconnell 1804 (**DBN**). Foynes Port 1988 (Reynolds 1990, **DBN**); Foynes Port, and roadsides at Glin and on outskirts of Limerick City 1989 (Reynolds 1992c, 1997b, **DBN**).

12 Ballycon(n)igar 1850, among flax (**BM, DBN**).

16 Several locations 1832-58 (Rich 1995, **DBN, E, LIV**).

20 Fassaroe 1876 (**DBN**).

21 North Bull Island 1965 (*FDub* 1998, **DBN**). Ballyogan tiphead 1994 (Reynolds 1996b).

26/27 \* Mayo c.1800 (Rich 1995, **K**).

33 Enniskillen 1953, waste ground (**BEL**).

38 Orlock Point near Groomspoint 1878, flax fields (*FNE* 1992, **BEL, DBN**).

39 Antrim 1918 (*FNE* 1992, **BEL**). Near Craiginorne 1996, disused quarry being infilled, two plants (S. Beesley and J. Wilde, **BEL**).

**Neslia** Desv.

**N. paniculata** (L.) Desv.

**Ball Mustard**

Rare casual; one recent record from Dublin Port, probably introduced with grain or animal feed.

19, 21, 38, 39.

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

21 Dublin Port 1993 (Reynolds 1994c, **DBN**).

38 Near Ballymacarrett Halt 1915, waste ground (Carrothers 1916). Campbell College, Belfast 1922 (**BEL**).

39 Stranmillis 1910, slob land where rubbish dumped (Carrothers 1910).

**Hornungia** Rchb.

**H. petraea** (L.) Rchb. (*Hutchinsia petraea*)

**Hutchinsia**

19th C records from Co. Cork, including one unlocalized (Reilly 1995); probably escapes from cultivation.

3/4 Old walls near Bandon 19th C; J.T. Mackay specimen (Parnell & Webb 1991, **TCD**).

- 4 Walls of former Botanic Garden, Cork 1864, where it had persisted for many years (*Cyb 1866*, **DBN**).

### **Thlaspi L.**

[*T. alliaceum* L.

Garlic Penny-cress

- 39 Reseeded pasture on shore of Lough Neagh, in error for immature *T. arvense* (Beesley 1988, Rich 1989).]

### **T. arvense L.**

**Field Penny-cress**

Fairly widespread casual at end of 20th C; roadsides, disturbed ground, landfill sites and ports, and more rarely in cultivated or formerly cultivated ground; sometimes in dense stands where obviously self-sown; found in assemblages of alien plants introduced with animal feed at ports and on roadsides (e.g. Reynolds 1992c). In a Co. Down garden from birdseed (Day 2001).

\* A consistent weed of Viking Dublin, and of crops in the early medieval period (Geraghty 1996); very rare in cultivated land and on roadsides in first half of 19th C, mainly E of Ireland (*Cyb 1866*); reported from some 15 vice-counties by end of 19th C, “a plant of uncertain appearance, and seldom permanent” (*ITB 1901*); introduced with grain (e.g. Praeger 1893g, Knowles 1906) and foreign seed (Adams 1909c); considered very rare in mid-20th C (e.g. Webb 1959c).

*Cens Cat* 3-6, 8, 9, 11-13, 15, 16, 20-23, 28, [29], 31, 36-40. Also 2, 7, 10, 14, 18, 19.

Post-1987 and additional vice-county records:

2-8, 10-14, 18-23, 38-40 (Beesley 1993a, FitzGerald 1996, Kelly 1990a, Nash 1993a, Reilly 1993, Reynolds 1990, 1992c, 1993, 1996a, 1997b, 1997e, 1998c, 1999c, Rich 1989, Scannell 1991, Wann 1999, *FNE 1992*, *FBel 1997*, *FDub 1998*, **BEL**, **DBN**, **TCD** and pers. comms).

[*T. perfoliatum* L.

Perfoliate Penny-cress

No reliable records for Ireland (Rich *et al.* 1989); possible confusion with *Lepidium perfoliatum* or other taxa.

20 Casual only (Brunker 1950).

21 North Strand, Dublin 1847 (**DBN**); good specimen, but locality given by David Orr may not be reliable (see Praeger 1949). Dublin Port, mid-1930s (Reynolds & Nash 2001).

39 Broughshane, casual (*FNE 1938*).]

### **Iberis L.**

**I. amara L.**

**Wild Candytuft**

Rare casual; no modern records.

[3], 15, 19.

[3 Castletown-Berehaven (Allin 1883); no voucher specimen.]

15 Shore of Lough Rea 1930, plentiful (**DBN**).

19 \* Lodge Park 1864, waste ground, “and at Kilkea, quite wild” (**DBN**).

**I. sempervirens L.****Perennial Candytuft**

**21** Glasnevin 1884 (**DBN**); probably garden relic or escape.

**I. umbellata L.****Garden Candytuft**

Rare garden escape or discard; apparently established at one site in Co. Antrim.

**20, 21, 39, 40.**

**20** Beside Vartry River, Wicklow town 1993, with other garden discards (DNFC).

**21** Leopardstown Racecourse 1994, on dumped soil (SR).

**39** \* Magheramorne 1983-88, apparently established on basaltic rock debris on quarry waste tip (*FNE 1992*, **BEL**). Belfast, seedling at one site (*FBel 1997*).

**40** Derrynaflaw sand pit 1984; Croaghan quarry 1989 (*FNE 1992*).

**Lepidium L.****L. campestre (L.) W.T. Aiton****Field Pepperwort**

Rare casual; probably confused with, and over-recorded for, native *L. heterophyllum* Benth. (*Atlas 1990*, Rich 1991).

\* Cultivated fields and waysides, rare (*Cyb 1866*), but some of these records considered doubtful (*ITB 1901*).

*Cens Cat* **7-9, 11, 13, 15, 18, 31, 37-40**. Also **16/17, 19**.

Post-1987 and additional vice-county records:

**8** Foynes Port 1997, on gravel (Reynolds 1998d).

**16/17** Near town of Galway 1838 (**DBN**; see *FCB 1983*).

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

**39** Belfast, dock area (*FBel 1997*).

**40** Muff Glen 1988, gravel path (*FNE 1992*).

**L. draba L. (*Cardaria draba*)****Hoary Cress**

Occasionally established on grass road verges, waste ground, by railways and in coastal sites; long persistent in places, e.g. Westport Quay, W Mayo for at least 60 years (Praeger 1903c, Perring 1966), Blackrock Park, Dublin since 1911 (*FDub 1998*, **DBN**), and S of Kilcoole Station, Co. Wicklow since 1927 (Brunker 1928, 1950, **TCD**), still there 1999 (SR). Plants checked in Co. Dublin were *L. draba* subsp. *draba*; those on the Bull Island causeway produced numerous flowers, but few mature fruits in 1996.

\* Near Newry docks, Co. Armagh 1892 (Praeger 1893b); also sites in Cork, Limerick, Wexford, Dublin, Mayo, Down and Belfast in 1890s and early 1900s where *L. draba* was introduced with ballast or foreign grain (Stewart & Praeger 1894-95, Britten 1896, *Cyb 1898*, Praeger 1900c, Colgan 1903, Knowles 1903, *FDub 1904*, Davies 1907, Adams 1909c).

*Cens Cat* **5, 6, 8, 11, 12, 16, 20-22, 27, 31, 37-39**. Also **1, 2**.

Additional vice-county records:

- 1 Illauntannig, Magharee Islands 1982 (Parnell *et al.* 1983, **TCD**).
- 2 Tralee, ring road from Ballymullen to Aquadome, early 1990s; det. Dr T.G.F. Curtis (K. Griffin).

[*L. incisum* Roth

Name misapplied to at least four *Lepidium* spp. (Clement & Foster 1994).

39 Stranmillis 1910 (*FNE 1938*; as *L. apetalum* in Carrothers 1910).]

**L. perfoliatum L.**

**Perfoliate Pepperwort**

Rare casual; no modern records; roadsides, railways, docks, waste ground, rubbish heaps and hen runs; introduced with grain at several sites.

**4, 8, 9, 13, 14, 19, 20, 21, 26, 28, 38, 39.**

**4** \* Cork City 1891, rubbish heap near distillery (Scully 1895b, **DBN**); thriving there over 20 years later (Holland 1918).

**8** Limerick City 1903 (Knowles 1903, **DBN**), 1927 (Chase 1928, **BEL**), and banks of River Shannon 1940 (**DBN**).

**9** Kilrush docks 1930 (**DBN**).

**13** Carlow 1931, river bank (**TCD**).

**14** Maryborough (Portlaoise) 1930, sand pit (**DBN**).

**19** Near Straffan 1904, hen run by canal (Knowles 1906, **DBN**). Leixlip Bridge 1910 (**DBN**).

**20** Kilcoole Station 1906, rubbish heap; railway near Greystones 1922; railway N of Avoca 1925 (**DBN**).

**21** S of Killiney, abandoned railway track (Colgan 1918). Strawberry Beds 1919 (**TCD**). Liffey Junction 1927; Sydney Parade 1935 (**DBN**).

**26** Swinford Station 1931 (**TCD**).

**28** Near Ballysadare Mills 1932 (**DBN**).

**38** Near Ballymacarrett Halt 1915 (Carrothers 1916). Campbell College 1922, hen run (**BEL**). Anahilt 1931 (Fisher 1931).

**39** Belfast 1894, near distillery/flour mill (Stewart & Praeger 1894-95, **DBN**). Stranmillis 1910, where rubbish dumped (as *L. perforatum* in Carrothers 1910).

**L. ruderale L.**

**Narrow-leaved Pepperwort**

Rather rare casual, although not uncommon in Belfast; probably introduced with animal feed or grain at ports and on some roadsides; also on open ground and rubbish tips; bunch of dried flowers purchased in Belfast in 1989 contained this species with numerous dehiscent fruits. Without voucher specimens, old records are unreliable (*Cyb 1866*, *Cyb 1898*, *FDub 1904*, Praeger 1909a, Carrothers 1916, Colgan 1918, *FNE 1938*, *FNE 1992*, Reynolds & Scannell 1992).

**1, 2, 8, 12, [19], 21, 38, 39.**

**1** St Brendan's cemetery, Milltown, Dingle 1990 (**DBN**).

**2** S of Tarbert 1990 (Reynolds 1993, **DBN**).

- 8** Near Foynes Port 1989, roadside (Reynolds 1992c, **DBN**). Foynes Port 1990, 1995-96 (Reynolds 1993, 1997d, **DBN**), also 1997, 1999.
- 12** Clonroche 1994 (Reynolds 1996b), and 1995 (**DBN**).  
[19 Near Straffan (Knowles 1906); voucher specimen redetermined as *L. virginicum*.]
- 21** Dublin City 1991; Dunsink tiphead 1993 (Reynolds 1993, 1994c, **DBN**). Dublin Port 2000 (**DBN**).
- 38, 39** Belfast, frequent in places including city centre sites (Beesley 1995, *FBel* 1997).
- 39** \* Dargan Road near Belfast Lough 1986, landfill site (*FNE* 1992, Beesley 1993b, **BEL**).

**L. sativum** L.**Garden Cress**

Rather rare casual; disturbed and cultivated ground, roadsides and rubbish tips.

**8, 12, 20, 21, 24, 35, 38, 39.**

- 8** S of Gooig 1997, many plants in disturbed ground by main road (Reynolds 1998c).
- 12** Clonroche 1993 (Reynolds 1994c, **DBN**).
- 20** Bray 1989, introduced with road metal (T. Curtis).
- 21** \* Shore of Dublin Bay near Howth 1799, perhaps from the wreck of a vessel (*FDub* 1904). Bog of the Ring 1964, waste ground (*FDub* 1998, **DBN**). Ballyogan tip 1994 (Reynolds 1996b).
- 24** Granard 1986, in reseeded lawn (**DBN**).
- 35** Tory Island 1993, in potato plot (Wyse Jackson 1995, **TCD**).
- 38** Near Holywood c.1880; Campbell College 1919 (*FNE* 1992, **BEL**). Near Ballymacarrett Halt 1915 (Carrothers 1916). Belfast 1999 (**BEL**).
- 38/39** \* Shore near Belfast pre-1837 (*FNE* 1888).
- 39** Flaxfields 1920 (**DBN**). Mouth of Six Mile Water 1970, sparingly on gravel (Harron 1986). Three places 1983-87, including reseeded field and landfill site (*FNE* 1992, **BEL**).

**L. virginicum** L. (*L. densiflorum*)**Least Pepperwort**

Rare casual; recent records from Foynes Port and Co. Limerick roadsides in 1989 where introduced with animal feed; earlier records as casuals in late 19th C and early 20th C.

**8, 12, 19, 21, 38, 39.**

- 8** Limerick 1900 (Praeger 1900c, 1909a, **DBN**). Foynes Port, roadsides E and W of Foynes, and E of Newcastle West 1989 (Reynolds 1992c, **DBN**).
- 12** Enniscorthy 1898 (**DBN**).
- 19** Near Straffan 1904, hen run by canal (as *L. ruderale* in Knowles 1906, **DBN**); voucher specimen redetermined.
- 21** \* Howth, waste ground (Hart 1887, **DBN**). North Bull 1903, sandy fallows (*FDub* 1904, **DBN**). Unlocalized 1918 specimen (**DBN**).
- 38** Belfast 1887, shipyard (**DBN**). Near Ballymacarrett Halt 1915 (Carrothers



1916). Campbell College 1922 (**BEL**).

- 39** Ballyruder 1903, roadside (**DBN**). [Stranmillis 1910, on slob land where rubbish dumped (Carrothers 1910); no voucher specimen.]

#### **Coronopus** Zinn

**C. didymus** (L.) Sm. (*Senebiera didyma*)

#### **Lesser Swine-cress**

Common, particularly in S half; well established in a variety of urban and rural habitats including cultivated and waste ground. Considered an alien plant in the British Isles (Clement & Foster 1994), and 'probably introduced' in Ireland (*Cens Cat*).

\* In first part of 19th C, very local and mainly near harbours, towns and houses; apparently increasing rapidly near Cork since 1819; introduced with ballast at quarries near Larne (*Cyb 1866*) and at the harbour of Magheramorne also in Co. Antrim (*FNE 1888*). *C. didymus* continued its spread, e.g. not common inland in Co. Dublin in early 1900s, but had become so by end of the century (*FDub 1904*, *FDub 1998*).

*Cens Cat* **1-17, 20, 21, 27, 31, 37-39**. Also **28, 36, 40**.

Additional vice-county records: **28** (Cotton & Cawley 1993), **36** (Dungannon town centre post-1980, I. McNeill) and **40** (*FNE 1992*).

#### **Conringia** Heist. ex Fabr.

**C. orientalis** (L.) Dumort. (*Erysimum orientale*, *E. perfoliatum*)

#### **Hare's-ear Mustard**

Infrequent casual; no modern records; waste ground, railways, ports and garden weed; introduced with grain at several sites.

**1, 3-6, 8, 12, 20, 21, 22, 36, 38, 39**.

**1** \* Flax fields near Dingle (*Cyb 1866*).

**3** Clonakilty, with foreign wheat (Allin 1883).

**4** Cork City 1891, rubbish heap near distillery (Scully 1895b, **DBN**); still there over 20 years later (Holland 1918).

**5** Middleton Mills, with foreign wheat (Allin 1883).

**6** Railway near Cappagh (Praeger 1929b).

**8** Limerick City 1897 (Praeger 1909a, Reynolds & Scannell 1992).

**12** \* Enniscorthy 1865, waste ground (*Cyb 1866*, **DBN**).

**20** Three places, including Arklow docks 1939 (Brunker 1950).

**21** Howth (Hart 1887). Rathmines 1891-92, garden weed (*FDub 1904*, **DBN**). Ringsend 1906; Dublin City 1921, garden (**DBN**). Dublin Port area 1936 (Reynolds & Nash 2001).

**22** Kilmessan railway station (*Cyb 1898*).

**36** Ballygawley 1939 (Gillespie 1940). Stewartstown 1948 (**BEL**).

**38** Ballymacarrett 1909 (**BEL**), and 1915 (Carrothers 1916).

**39** Greenisland 1893, with food for fowl (Praeger 1893g). Cushendun 1903 (*FNE 1992*, **BEL**). Stranmillis 1910 (Carrothers 1910). Larne (*FNE 1938*).

**Diplotaxis DC.****D. muralis (L.) DC.****Annual Wall-rocket**

Occasional; by railways, in sandy and waste ground, and on walls. Considered an alien plant in the British Isles (Clement & Foster 1994), and 'probably introduced' in Ireland (*Cens Cat*).

\* Lower Glanmire Road, Cork pre-1833 (record initially doubted); Portmarnock 1837 and Baldoyle, Co. Dublin; also Ardmore, Co. Waterford (*Cyb 1866*). By end of 19th C, *D. muralis* was spreading chiefly along the railways (e.g. Praeger 1893b, 1894a, 1897a, Phillips 1895, *Cyb 1898*), and continued to do so in the early decades of 20th C (e.g. Praeger 1909a, Scully 1912, Phillips 1924a, Praeger 1934a, Cole 1939b); then it declined due to weed killer which was already being used on railways in 1930s (e.g. Praeger 1934b, Anon. 1961a).

*Cens Cat* **1-23, 25, 27, 28, 30, 31, 37-40.**

**D. tenuifolia (L.) DC.****Perennial Wall-rocket**

Rare casual; one recent record of a single plant in Belfast.

**4, 5, 21, 27, 39.**

**4** Plentiful at Haulbowline 1896 (*Cyb 1898*); abundant there 1933 (**DBN**).

**5** Whitepoint, Great Island 1896 (*Cyb 1898*).

**21** \* Portmarnock pre-1857 (*Cyb 1898*).

**27** \* Westport 1840, single plant (*Cyb 1866*).

**39** Milewater near Belfast, on rubbish heaps where railway under construction (*FNE 1888*). Dargan Road, Belfast 1995, single large plant (*FBel 1997*, **BEL**).

**Brassica L.****B. fruticulosa** Cirillo**Twiggy Turnip**

**21** Dublin Port 1990, one plant (Rich & Reynolds 1991, Reynolds 1993, **DBN**).

**B. juncea (L.) Czern.****Chinese Mustard**

Rare casual; recent records from Foynes Port and roadsides in Co. Limerick, where introduced with animal feed; previously introduced with grain, and possibly flax seed at one site. From discarded birseed in a Co. Down garden (G. Day).

**8, 19, 22, 38.**

**8** E of Foynes 1992-93, 1995, roadsides; Foynes Port 1993 (Reynolds 1993, 1994c, 1997e, **DBN**).

**19** \* Near Straffan 1905, hen run by canal, introduced with grain (Knowles 1906, **DBN**).

**22** Trimblestown 1915/18, in field of Canadian flax (**DBN**).

**38** Victoria Park 1927 and Sydenham, rubbish heaps; Knock 1937 (Chase 1927b, *FNE 1938*, **BEL**). Tillysburn 1938 (Brenan & Simpson 1949).

**B. napus** L. (*B. rutabaga*)**Rape**

Fairly common escape from, or relic of, cultivation; mainly on roadsides and waste ground. *B. napus* subsp. *oleifera* (DC.) Metzg. was recorded at Foynes Port and near the Pigeon House, Dublin; probably the more common subspecies.

\* Occasional in fields, waste ground and elsewhere (*Cyb 1866*). Several old specimens in **DBN** redetermined as *B. rapa*.

*Cens Cat* **9, 12, 16, 23, 25, 26**. Also **5, 6, 8, 10**, [19], **20-22, 30, 38-40**.

Additional vice-county records:

- 5** Near Glanmire Road, Cork City 1971, waste ground (**TCD**).
- 6** Ballyduff 1975 (R.J. Pankhurst). Moord 2001, waste ground (P. Green and I. Green).
- 8** Foynes area 1906, roadsides and tilled ground (as *B. rutabaga* (Swede), **DBN**). Between Limerick and Foynes 1988, roadsides; Foynes Port 1988-89 (Reynolds 1989a, 1990, 1997b, **DBN**).
- 10** E of Roscrea 2001, by main road (SR).
- [19] Near Straffan 1905 (Knowles 1906); specimen redetermined as *B. rapa* (**DBN**).]
- 20** {Kilmacanoge 1894, cultivated land (**DBN**).} N of Arklow by main road 1996, plentiful (SR).
- 21** Occasional on waste ground in 1980s (*FDub 1998*, **DBN**). W of Kilmainham 1995, roadside (SR).
- 22** N of Ashbourne 1984, roadside (**DBN**).
- 30** Virginia-Mullagh area 1960; Eonish and Killykeen 2000 (Reilly 2001).
- 38-40** A much rarer escape in NE than *B. rapa* (*FNE 1992*).
- 39** Belfast area (*FBel 1997*).

**B. oleracea** L.**Cabbage**

Infrequent discard or escape from cultivation.

*Cens Cat* **3, 5, 39**. Also **8, 21, 38-40**.

All records:

- 3** No details (Scannell & Synnott 1989).
- 5** \* Near Youghal (*Cyb 1866*).
- 3-5** Occasional where escaped from cultivation (Allin 1883).
- 8** Between Mungret and Clarina 1995, and E of Foynes 1995, roadsides (SR).
- 21** Waste ground and rubbish dumps, occasional (*FID 1984*, Reynolds 1996a, *FDub 1998*).
- 38** Belfast, seedling at one site (*FBel 1997*).
- 39** \* Rathlin Island (*Cyb 1866*).
- 38-40** Rubbish dumps, occasional (*FNE 1992*).

*B. rapa* L. (*B. campestris*)**Turnip**

Probably introduced (*Cens Cat*).

Common, and locally abundant; on roadsides, at ports, in arable and disturbed ground as well as in more natural habitats; *B. rapa* subsp. *rapa* with swollen

roots appears to be much less common than subspecies with normal tap roots.

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

**B. tournefortii** Gouan

**Pale Cabbage**

**21** Ringsend, Dublin City 1906 (**DBN**), casual.

**Sinapis** L.

**S. alba** L. (*Brassica alba*)

**White Mustard**

Infrequent casual, less common than formerly; cultivated and disturbed ground, roadsides and rubbish tips (e.g. Dawson 1983, *FCB* 1983, *FNE* 1992, Reynolds 1997b, *FDub* 1998). From discarded birdseed in a Co. Down garden (G. Day).

\* Cultivated fields, local and rather rare (*Cyb* 1866); "probably imported with seed" in a Co. Down field (*FNE* 1888); widespread by late 19th/early 20th C (e.g. *ITB* 1901, *FDub* 1904).

*Cens Cat* **1-31, 33-38, 40**. Also **39**.

Additional vice-county record:

**39** Edge of Belfast Lough 1986, landfill site (*FNE* 1992, Beesley 1993b).

**Eruca** Mill.

**E. vesicaria** (L.) Cav. (*E. sativa*)

**Garden Rocket**

Rare casual or escape from cultivation.

**3, 8, 19, 20, 21, 38, 39**.

**3** Heir Island 1996, waste ground (L. Wolstenholme).

**8** \* Limerick City 1894 (**DBN**), and 1905 (**BM**).

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

**20** Kilcoole Station 1906, rubbish heap (**DBN**).

**21** Ringsend 1906 (**DBN**). Dublin area 1921 (Grierson 1922).

**38** Kinnegar (*FNE* 1938).

**39** Stranmillis 1910, on slob land where rubbish dumped (Carrothers 1910).

**Erucastrum** C. Presl

**E. gallicum** (Willd.) O.E. Schulz (*E. pollichii*, *Brassica gallica*) **Hairy Rocket**

Infrequent casual, mostly in S half; in late 1980s and in 1990s, mainly at ports and on roadsides where it was associated with other alien plants introduced with animal feed; no evidence that it is spreading.

**2, 5, 6, 8, 10-12, 14, 18, 21, 33**.

**2** S of Tarbert 1989 (Reynolds 1992c).

**5** Youghal 1988, pavement edge (**TCD**).

**6** NE of Dungarvan 1989 (Reynolds 1992c), and 1997 (P. Green).

**8** \* Limerick 1927 (Chase 1928, Druce 1932, **BEL**). Foynes Port and roadsides near Foynes 1988-2001; more rarely in Limerick City and roadsides elsewhere in the county (e.g. Reynolds 1990, 1992c, 1993, 1997b, 1997d, 1997e, **DBN**).

- 10** Roscrea and near Birdhill 1989 (Reynolds 1992c), also near Birdhill 1990. Between Thurles and Templemore 1994 (D. Nash).
- 11** Rosbercon 1988, abandoned railway line near port (Kelly 1990a, **TCD**). Rosbercon 1989, near port entrance and on roadsides (Reynolds 1992c), also 1990 (**DBN**), 1991, 1993 and 1995 (SR). Waterford City 2000, roadsides N of River Suir (P. Green).
- 12** New Ross area 1989 (Reynolds 1992c), and 1990 (N. Tirard). Clonroche 1993-94 (Reynolds 1996b), also 1995.
- 14** Portlaoise 1989 (Reynolds 1992c), also 1990.
- 18** Moneygall 1989 (Reynolds 1992c).
- 21** Near Cabinteely 1984, waste ground; Finglas Industrial Estate 1988; Howth 1991 (*FDub* 1998, **DBN**). Dublin Port 1993, 1995 (Reynolds 1996a, 1997e).
- 33** Near Lisbellaw 1995, disturbed roadside (Northridge 1996).

[*Coincya Rouy*

*C. monensis* subsp. *cheiranthos* (Vill.) Aedo, Leadlay & Muñoz Garm.

(*C. monensis* subsp. *recurvata*, *Brassica erucastrum*) Wallflower Cabbage  
Not reliably recorded from Ireland (Rich 1991).

**38** Ballymacarrett, casual (*FNE* 1938).]

**Hirschfeldia Moench**

**H. incana** (L.) Lagr.-Foss. (*Brassica adpressa*, *B. incana*) **Hoary Mustard**

Established in Dublin City and suburbs, and a rare casual elsewhere; mainly on disturbed ground, also on gravel, roadsides and rubbish tips; possibly introduced with grain at Dublin Port; persistent at Foynes Port for 10 years where it was not associated with alien plants introduced with animal feed.

*Cens Cat* **21**. Also **4**, [5], **8**, **12**, **14**, **20**, **31**, **32**, **36**.

All records:

- 4** Cork City 1996 at bus depot (Scannell 1997a).
- [5 Apparently this species, dried plants in tea shop, collected near Fota 1995 (Scannell 1996).]
- 8** E end of Foynes Port since 1992 (Reynolds 1993, 1997b, **DBN**); still on gravel there 2000-01 (SR, **DBN**).
- 12** New Ross 1992, by ring road (R. FitzGerald).
- 14** E of Mountrath 1990, roadside (**DBN**).
- 20** Bray Station 1989 (T. Curtis). Just N of Kilcoole 1999, new roadside bank (SR).
- 21** \* Portmarnock 1867 (More 1872). Sutton 1890 (*Cyb* 1898). Dublin area 1921 (Grierson 1922). Dublin Harbour area 1968, building site (**BEL**). Irishtown 1977 (as *Brassica nigra* in Carvill 1980). Mainly in port area in early 1980s, becoming widespread in Dublin City and suburbs by 1990s, and scattered elsewhere in the county; abundant on waste ground at Dublin Port (Rich 1988, Reynolds 1988c, 1990, 1994a, 1996a, *FDub* 1998, **BEL**, **DBN**, **TCD**; as *B. nigra* in Wyse Jackson (1981), *FID* 1984).

- 31** Drogheda 1986, waste ground by River Boyne (**DBN**).  
**32** By main Aughnacloy-Emyvale road 1998 (**DBN**).  
**36** Sluggan gravel pits near Carrickmore, and car park in Dungannon 1992; not refound at latter site in 1995 (McNeill 1996, **BEL**).

### **Rapistrum Crantz**

**R. rugosum** (L.) J.P. Bergeret (*R. orientale*)

**Bastard Cabbage**

Almost confined to Co. Dublin; establishing itself in Dublin City and suburbs since the 1970s, and scattered elsewhere in the county; mainly on waste ground, also rubbish tips and roadsides; common around Dublin Port where it may have been introduced with grain.

*Cens Cat* **12, 21, 22, 38**. Also **20**.

Summary of records:

**12** \* Enniscorthy 1898 (**DBN**).

**20** Roadside S of Blessington 1999 (SR).

**21** Dublin area 1921 (Grierson 1922). Sydney Parade, Dublin 1935 (**DBN**). Killiney strand 1948 (**TCD**). Records for Co. Dublin up to 1981 (Wyse Jackson 1981), and records post-1981 (*FID 1984*, Reynolds 1996a, 1997b, *FDub 1998*, **DBN, TCD**).

**22** Enfield 1978 (Wyse Jackson 1981).

**38** Near Sydenham Station 1929 (Chase 1930, **BEL, DBN**).

### **Raphanus L.**

**R. raphanistrum** L. subsp. **raphanistrum** (*R. raphanistrum*)

**Wild Radish**

Fairly common; cultivated and disturbed ground, also on roadsides (e.g. Reynolds & Reynolds 1992, FitzGerald 1996, *FBel 1997*, Reynolds 1997f, *FDub 1998*, Wann 1999). Yellow-, lilac- and white-flowered plants (e.g. *FNE 1992*).

\* Frequent in cultivated fields (*Cyb 1866*). An urban and cereal weed in Viking Dublin (Geraghty 1996).

*Cens Cat* **1-6, 8-14, 16-24, 26-40**.

**R. sativus** L.

**Garden Radish**

Rare casual; roadsides and disturbed ground; in some cases an escape from cultivation.

[8], **11, 21, 38-40**.

[8 *R. cf sativus*, Limerick 1894 (**DBN**).]

**11** Rosbercon 1995, at port entrance (Reynolds 1997e, **DBN**).

**21** \* Ringsend 1906 (**DBN**). Guinness Brewery 1943, introduced with foreign grain (**DBN**). Killiney Strand 1948 (**TCD**). Several records (*FDub 1998*, **DBN**).

**38-40** Rare garden escape, nowhere naturalized (*FNE 1992*).