

C. laevigata (Poir.) DC. (*C. oxyacanthoides*) Midland Hawthorn
Probably introduced (*Cens Cat*).
Rare; only in hedges in **38-40** (*FNE 1992*); see Synnott (1978), Hackney (1986) and Hackney & Hackney (1988) for a discussion of this species and its hybrid with *C. monogyna*.
Cens Cat **3, 21**.

MIMOSACEAE

{ **Acacia** Mill.

A. dealbata Link (‘Mimosa’ of florists)
1 Rossdohan garden, naturalized (Nelson 1979).}

{ **A. melanoxylon** R. Br.

Australian Blackwood

1 Rossdohan garden, naturalized and “almost weedy” (Morley 1979, Nelson 1979).
3 Ilnacullen garden (Garinish Island), “almost weedy” (Morley 1979).}

FABACEAE

Robinia L.

R. pseudoacacia L. **False-acacia**

Rare escape from cultivation.

6, 38.

6 Cappagh 1998, base of wall by road, probably self-sown (P. Green).

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

Colutea L.

C. arborescens L. **Bladder-senna**

Rare escape from cultivation.

32, 36.

32 Near Liscarney post-1994 (I. McNeill).

36 * Near Cookstown post-1980, in hedgerow (I. McNeill).

Onobrychis Mill.

O. viciifolia Scop. (*O. sativa*, *O. onobrychis*) **Sainfoin**

Rare relic of cultivation, or casual; 19th C records only. Introduced in wild flower seed mixture on a Dublin roadside in 2001.

5, 21, 38, 39.

5 (Allin 1883, *Cyb 1898*), **21** (*FDub 1904*), **38** and **39** (*FNE 1888*).

Lotus L.

L. corniculatus L. var. **sativus** Chrtková **Bird’s-foot-trefoil**

In resown road verges since early 1990s; also on disturbed ground; introduced in wild flower and amenity seed mixtures.

8, 14, 20, {21}, 22, 35, 39.

8 SE of Oola 1997, in resown grass verge (Reynolds 1998c).

14 Portlaoise by-pass 2001, numerous patches in grass verges (**DBN**).

20 Between turn-offs to Kilquade and Newtownmountkennedy since before 1994, grass verges and median of main road (Akeroyd 1994a, 1994b, Reynolds 1996b, **DBN**); abundant in 1994, and declining in subsequent years as grass became dominant (**SR**).

{**21** Irishtown Nature Park 1994, where wild flower seed mixture sown (Reynolds 1996b, **DBN**), and similarly in Cabinteely Park 2001 (**SR**, **DBN**).}

22 3 km N of Kilcock 1992, cul-de-sac of Kilcock-Summerhill road, roadside bank (**TCD**).

35 Meenmore, WNW of Dunglow 1997, in newly sown verge (Reynolds 1998c).

39 Belfast 1994, disturbed ground near motorway approach road (*FBel 1997*, **BEL**).

L. glaber Mill. (*L. tenuis*)

Narrow-leaved Bird's-foot-trefoil

Probably introduced (*Cens Cat*).

No modern records; formerly a rare casual (e.g. *FNE 1888*, *FDub 1904*, Wallace 1959a).

Cens Cat **6, 12, 21, 22, 25, 35**, [39]. 19th C record for **39** valid (*FNE 1992*).

Coronilla L.

C. scorpioides (L.) W.D.J. Koch

Annual Scorpion-vetch

21 Dundrum, 1922, weed in fruit garden; possibly introduced with flower and vegetable seeds from France (**DBN**).

Hippocrepis L.

H. emerus (L.) Lassen

Scorpion Senna

20 E of Kilmullin 1999, one well grown shrub in an otherwise ordinary hedgerow; no fruits produced, but young shoots rooting in the bank (**DBN**).

Securigera DC.

S. varia (L.) Lassen (*Coronilla varia*)

Crown Vetch

Rare garden escape or relic of cultivation.

6, 7/11, 8, 21, 24, 38, 39.

6 Near Waterford City 1988, roadside (P. Green).

7/11 Roadside between Carrick-on-Suir in **7** and Piltown in **11**, 1992 (**DBN**).

8 Limerick 1900, dock quarry; Cahirmoyle, Ardagh 1903, hen run (as *Coronilla securidaca* in Knowles 1903, Praeger 1909a; **DBN**). Limerick 1927 (Chase 1928, **BEL**).

21 * Howth, waste ground (Hart 1887). Between Castleknock and Blanchardstown opposite entrance to Laurel Lodge 1983-86, in roadside hedge (*FDub 1998*, **DBN**).

24 Beside Shrulce Bridge 1966, on gravel excavated from River Inney (**DBN**).

38 Stella Maris School, Strangford 1953, grassy bank (Kertland 1972, **BEL**).

39 * Windsor, Belfast 1880 (**DBN**).

Vicia L.

V. bithynica (L.) L.

Bithynian Vetch

Rare casual; no modern records.

2, 39.

2 Beaufort 1910, garden weed (**DBN**).

39 * Railway bank near Whitehouse, and at the Milewater, mid-1800s (*FNE 1888, FNE 1938*).

V. faba L.

Broad Bean

Rare casual, e.g. in Co. Dublin, discard with household rubbish (*FID 1984*), on infill at Dublin Port 1990, and Ballyogan tiphead 1993 (Reynolds 1994c, 1996a).

V. hybrida L.

Hairy Yellow-vetch

38 Tillysburn near Belfast 1939, waste ground (Brenan & Simpson 1949).

V. lutea L.

Yellow-vetch

38 Rostrevor 1944, among young trees in a nursery (Megaw 1945).

V. pannonica Crantz

Hungarian Vetch

39 Ballyruder, late 19th/early 20th C, on ground where fowl were kept (**BEL**); probably introduced with grain.

V. sativa L.

Common Vetch

Until the recognition of *V. sativa* subsp. *segetalis*, all introduced plants (widespread and frequent relics of, or escapes from, cultivation) were called *V. sativa* (e.g. *Cyb 1866, FNE 1888, FDub 1904*, Brunker 1950, *FNE 1992*) or *V. sativa* subsp. *sativa* (e.g. Webb 1977, *FCB 1983*, Harron 1986, *Cens Cat*, Webb *et al.* 1996).

[*V. sativa* subsp. *sativa*

3 Three islands in Roaringwater Bay, robust plants probably referable to *V. sativa* subsp. *sativa*, representing relic of a former fodder crop (Akeroyd 1996).]

V. sativa subsp. **segetalis** (Thuill.) Gaudin

Frequently established in cultivated and disturbed ground, on roadsides and rubbish tips. Most records date from the 1990s; some earlier records of *V. sativa* or *V. sativa* subsp. *sativa* may refer to this subspecies (see entry above).

2, 3, 8, 9, 12, 19-21, 25/29, 30, 31, 38, 39.

2 Ballybunion 1999, by track to cliffs (BSBI).

3 On many islands in Roaringwater Bay, sometimes on shingle strands

(Akeroyd 1996).

- 8** Gooig 1998, by main road; E of Askeaton 1999, disturbed ground (SR).
9 Killadysert 1990 (C. Brady and T. Rich).
12 Wexford Harbour area (FitzGerald 1996).
19 Maynooth College (Bowering *et al.* 1995).
20 Near Kilcoole 1999; N of Newtownmountkennedy 1999, weedy edge of potato field (SR).
21 Ballyogan tiphead 1993; Ringsend Dump (Reynolds 1994c, *FDub* 1998); and several other locations in SE Co. Dublin 1994-99 (SR).
25/29 * Map record (*Atlas* 1990).
30 White Lake 1991 (Reilly 2001).
31 * Map record (*Atlas* 1990).
38, 39 Belfast, common (*FBel* 1997, S. Beesley).

V. tetrasperma (L.) Schreb.

Smooth Tare

Probably introduced (*Cens Cat*).

Rare; few plants on Kilnap Amenity Walkway, E Cork 1997 (O'Mahony 1998); other records mainly late 19th C and early 20th C.

Cens Cat **4, 5, 21-23, 38-40**.

V. villosa Roth

Fodder Vetch

Rare casual.

38, 39.

38 * Belfast 1951, rubbish dump (*FNE* 1992, **BEL**).

39 Island Magee 1976, waste ground on site of demolished house; "vigorous and spectacular vetch" (Beesley 1978, **BEL**).

Lens Mill.

L. culinaris Medik.

Lentil

21 Dublin City 1979, waste ground near health food shop (Akeroyd 1980, **TCD**).

Lathyrus L.

L. aphaca L.

Yellow Vetchling

Rare casual; no modern records; probably introduced with grain (e.g. Brunner 1940) or seeds.

* 19th C records (see below).

Cens Cat **2, 5, 12/13, 21, 37, 38**. Also **39**.

All records:

2 Beaufort 1910-12, garden weed, probably introduced with bird seed (Scully 1916, **DBN**).

5 Near Ballycotton 1855 (*Cyb* 1898).

12/13 Map record (*Atlas* 1962).

21 Near Portmarnock 19th C, sandy field (**TCD**). Railway bank near Sutton Station 1898 (Mahaffy 1898). Near Howth Station 1900; tramway on Howth

1903 (*FDub 1904*).

37 Map record (*Atlas 1962*).

38 Tillysburn 1939, waste ground (Brenan & Simpson 1949).

38/39 Near Belfast pre-1851 (*Cyb 1898*).

39 Stranmillis 1864-72 (*FNE 1888, BEL*). Near Botanic Gardens Park 1903, in field (Carrothers 1903b, **BEL**).

L. grandiflorus Sm.

Two-flowered Everlasting-pea

Rare garden escape.

20, 30.

20 * Near Coolattin Park near Shillelagh 1984, roadside hedge, "presumably naturalized from a garden in the vicinity" (**TCD**).

30 S of Glasshouse Lough between Killashandra and Carrickallen 1996, roadside hedge (Reilly 2001).

L. hirsutus L.

Hairy Vetchling

Rare casual.

12, 38, 39.

12 In barley field 1942 (Anon. 1944, Praeger 1946).

38 Tillysburn near Belfast 1939 (Brenan & Simpson 1949). Rolly Island, Strangford Lough 1975, in long grass at field edge (*FNE 1992, BEL, DBN*).

39 * Ballyruder, late 19th/early 20th C, where fowl kept (**BEL**).

L. inconspicuus L.

2 Beaufort 1910, garden weed, probably introduced in bird seed (Scully 1916, **DBN**).

L. latifolius L.

Broad-leaved Everlasting-pea

Rare, but often persistent relic of, or escape from, cultivation; hedgerows, sand dunes, railway banks and waste ground; sometimes white-flowered.

3, 6, 20, 21, 36.

3 Sherkin Island; Heir Island, white-flowered variant near school (Akeroyd 1996).

6 Checkpoint 2000, single plant on waste ground (P. Green).

20 Between Greystones and Kilcoole 1972, sparingly along railway embankments (Carvill & Curtis 1973).

21 * S end of North Bull Island 1969 in mature sand dunes; E end of North Bull Island causeway 1989; near Killiney railway station 1992 (*FDub 1998*). Ballyogan tiphead (white-flowered), and abandoned garden by Pigeon House Road, Dublin 1994 (Reynolds 1996b).

36 Several hedgerow sites, presumably originally planted (I. McNeill).

L. nissolia L.

Grass Vetchling

Cork 1861, at the waterworks, casual (*Cyb 1898, Atlas 1962, DBN*). Introduced

in wild flower mixtures at a Belfast site 1999 (**BEL**) and at Tillysburn Urban Wildlife Reserve 2001 (**BSBI**), both in Co. Down.

L. odoratus L. **Sweet Pea**
21 Ballyogan tiphead 1994 (Reynolds 1996b); garden discard.

L. sylvestris L. **Narrow-leaved Everlasting-pea**
32 Ballyleck near Monaghan 1902; sown some years before for fodder and run wild (Praeger 1903a, **DBN**).

L. tuberosus L. **Tuberous Pea**
21 Stormanstown 1895 (**DBN**); source unknown.

Pisum L.

P. sativum L. **Garden Pea**
 Infrequent casual; ports, roadsides, rubbish tips and waste ground; probably introduced with animal feed or grain; also rare escape or discard from cultivation – garden peas or peas grown for fodder; some plants with bicolorous flowers (mauve/pink standard, and darker wings and keel) are probably referable to *P. sativum* var. *arvense* (L.) Poiret.

3, 8, 21, 39.

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

8 {Limerick docks 1990, seeds collected and grown on (SR).} Foynes Port 1992 (Reynolds 1997b). Near Mungret 1996, roadside (SR).

21 * Near Islandbridge 1987, waste ground (P. Wyse Jackson and M. Wyse Jackson). Dublin Port 1990, 1994 (Reynolds 1996a), also 1999, 2000 (SR). Ballyogan tiphead 1994; Ringsend Dump 1994, disturbed ground (*FDub* 1998, **DBN**), also 1995 (SR).

39 Near Craiginorne 1996, disused quarry being infilled (S. Beesley and J. Wilde). Belfast, waste ground (*FBel* 1997).

Cicer L.

C. arietinum L. **Chick Pea**
 Rare casual; one modern record; introduced with barley from India (Brunker 1940, **DBN**).

8, 21.

8 * Limerick City 1904 (Phillips 1905a, Praeger 1909a).

21 Ringsend 1906 (**DBN**). Dublin City 1979, waste ground near health food shop (Akeroyd 1980, **TCD**).

Melilotus Mill.

M. albus Medik. (*M. leucantha*, *M. vulgaris*) **White Melilot**
 Infrequent casual, mainly in disturbed ground; sometimes locally abundant and persistent.

* Very rare, and probably originated with imported seeds (*Cyb 1866, Cyb 1898*), or possibly grain (e.g. Praeger 1893g, Jagoe & Pate 1951); never widespread or common.

Cens Cat **1, 2, 4, 5, 8, 11-13, 21, 22, 36, 38-40**. Also **6, 9, 20, 28, 34**.

Post-1987 and additional vice-county records:

- 5** Tivoli Docks, Cork since 1970s, and still locally common there 2000 (O'Mahony 2001c).
- 6** Waterford City 1999, waste ground (P. Green).
- 9** Kilrush (Praeger 1909a).
- 12** Near New Ross 1989 (Reynolds 1992c, **DBN**).
- 20** Pre-1987 (Scannell & Synnott 1989).
- 21** North Bull Island 1969-91, persistent in closed sand dune communities; by M50 motorway 1995-97, abundant on disturbed ground; occasional elsewhere (Reynolds 1996a, 1998c, *FDub 1998*, **DBN**).
- 28** Ballysadare 1992, scattered plants on waste ground (Cawley 2002).
- 34** Near Greencastle, Inishowen, among sown grasses (Hart 1898).
- 39** Two sites in Belfast, including many plants in temporary carpark 1993 (Beesley 1994, *FBel 1997*). Carnmoney Hill 2000, quarry site with landfill (Beesley 2001).

M. altissimus Thuill.

Tall Melilot

Probably introduced (*Cens Cat*).

Infrequent casual, locally common. Where both *M. arvensis* (now *M. officinalis*) and *M. officinalis* are listed in old publications, the latter name is usually a synonym for *M. altissimus*, e.g. *Cyb 1866, ITB 1901*.

Cens Cat **4, 5, 9, 11, 12, 19-21, 36-40**.

Post-1970 records:

- 5** Tivoli Docks, Cork since 1970s, and still locally common there in 2000 (O'Mahony 2001c).
- 19** Maynooth College (Bowering *et al.* 1995).
- 21** Occasional on waste ground mainly near the coast (*FDub 1998*, **DBN**).
- 38, 39** Belfast, few sites but plentiful at some (*FBel 1997*, **BEL**).
- 39** Whitehead; known also in same area in late 19th/early 20th C (*FNE 1992*, Beesley 2001, **BEL**).

M. indicus (L.) All. (*M. parviflora/parviflorus*)

Small Melilot

Rare casual, locally common; disturbed and waste ground, also ports and rubbish tips.

* In NE and near Waterford 19th C (e.g. *FNE 1888*, Praeger 1893c, *Cyb 1898*, Davies 1899); in some cases introduced with grain (e.g. Stewart & Praeger 1894-95, Knowles 1906, Brunner 1940). An 1857 Co. Antrim record (G.E.H. 1858) is doubtful as the habitat given was "gravel of a country stream".

Cens Cat **6, 8, 20-22, 36-39**. Also **19**.

Post-1970 and additional vice-county records:

- 8** Foynes Port 1983 (Reynolds 1990).
19 Near Straffan 1904-05, hen run by canal; also specimens of *M. gracilis* from the same location redetermined as *M. indicus* (Knowles 1906, **DBN**).
21 Dublin City and suburbs, including Dublin Port (Reynolds 1996a, *FDub* 1998, **DBN**).
38, 39 Belfast (Hill 1992, *FNE* 1992, *FBel* 1997, **BEL**).
39 Carrickfergus 1990 (*FNE* 1992). Carnmoney Hill 2000, quarry site with landfill, many with *M. officinalis* and *M. alba* (Beesley 2001).

[*M. neapolitanus* Ten. (*M. gracilis*)

Specimens in **DBN** for 8, 19 and 21 redetermined by E.J. Clement as *M. indicus*, including the voucher specimen for Knowles (1906).]

M. officinalis (L.) Pall. (*M. arvensis*)

Ribbed Melilot

Infrequent casual, locally abundant; mainly on open waste ground, also roadsides, sand dunes and rubbish tips. Some confusion in the past with *S. altissimus* (e.g. see *FNE* 1992).

* On railway banks, waste ground etc., very rare (*Cyb* 1866); probably introduced with grain at one site (Stewart & Praeger 1894-95).

Cens Cat **5, 7, 8, 15, 21, 22, 31, 38-40**.

Post-1970 records:

- 8** W of Mungret 1996, roadside (Reynolds 1997g).
21 Locally abundant in Dublin Port area and occasional elsewhere (Reynolds 1990, 1996a, *FDub* 1998).
38-40 Rare in NE, but the most common *Melilotus* in Belfast area (*FNE* 1992, Beesley 1993a, *FBel* 1997, Beesley 2001).

M. sulcatus Desf.

Furrowed Melilot

- 2** Lahard House, Beaufort 1911, weed (**DBN**); where other casuals found, probably introduced with bird-seed (see Scully 1916).
 Also 1915 specimen grown from seed impurities (**DBN**).

Trigonella L.

T. caerulea (L.) Ser. (*Melilotus caerulea*)

Blue Fenugreek

- 21** Inchicore 1915, new roadway (**DBN**); casual.
 [39 As "*Trigonella caerulea*?", Belfast 1893/94, near distillery/flour mill, introduced with grain (Stewart & Praeger 1894-95).]

T. hamosa L.

Egyptian Fenugreek

- 40** Londonderry 1923, casual (Anon. 1924, *FNE* 1938).

T. polyceratia L.

- 21** Ringsend 1906 (**DBN**); casual.

Medicago L.**M. arabica** (L.) Huds. (*M. maculata*)**Spotted Medick**

Not common, but long established in places; mainly in S and SE; usually in grassy places, including road verges.

* Little Island in E Cork 1840, cultivated land in Co. Cork, also Dublin (*Cyb 1866*); still at Little Island in early 1890s (Phillips 1895); other Co. Cork sites, also Co. Wexford (*Cyb 1898, DBN*); persistent at Ardglass, Co. Down (Praeger 1902b, Carrothers *et al.* 1947a); in some cases, introduced with grain or possibly poultry food (Brunker 1940, 1950).

Cens Cat **3-5, 11, 12, 20, 21, 38, 39**. Also **6**.

Post-1970 and additional vice-county records:

- 4** Scilly near Kinsale 1976, in long established station (O'Mahony & Scannell 1977, O'Mahony 1978).
- 5** Pier at Youghal 1979 (**TCD**). East Ferry 1988, neglected garden (**DBN**); previously found on river banks near East Ferry 1894 (Phillips 1895, **DBN**).
- 6** Helvick Head and Curragh 1997 (P. Green and I. Green). Dungarvan 1998 (P. Green).
- 11** Graiguenamanagh 1990, on W side of River Barrow (SR).
- 12** Ballyhack 1981, grassy roadside (**TCD**). Wexford Harbour area (FitzGerald 1996). Near Carnsore Point 1999, much in grass by ruined church (I. Green).
- 20** Newcastle 1999, grass verge (Reynolds 1999c).
- 21** Blackrock Park 1972, in grass (*FDub 1998, DBN*).

M. arborea L.**Tree Medick**

21 Near Dalkey station 1880 (**DBN**); relic of, or escape from, cultivation.

[*M. minima* (L.) Bartal.

Bur Medick

Rare casual, only found in Co. Cork in 19th C; at Cork Corn Market 1836, also in cultivated and sandy fields (*Cyb 1866, Cyb 1898*); no voucher specimens (a specimen in **DBN** labelled *M. minima* from Guinness Brewery 1944 was redetermined as *M. polymorpha*.)]

M. polymorpha L. (*M. denticulata, M. apiculata, M. hispida*) **Toothed Medick**

Rare casual on waste ground; recent record from Co. Dublin; formerly introduced with grain at several places. Some specimens in **DBN** have fruits lacking spines.

3, 4, 8, 19, 21, 38, 39.

- 3, 4** * Bandon and near Blarney, cultivated ground (*Cyb 1866*).
- 8** Limerick City 1904 (Phillips 1905a, Praeger 1909a).
- 19** Near Straffan 1904-05, hen run by canal (Knowles 1906, **DBN**).
- 21** * Between Dolphin's Barn and Crumlin (*Cyb 1866, TCD*). North Lotts, Dublin, near the port (Praeger 1894a). Between Kimmage and Dolphin's Barn 1918-21, beside field path (Brunker 1922). Dublin 1919 (Druce 1920). Guinness Brewery 1943-44 (Brunker 1944b, **DBN**). By River Tolka 1985,

waste ground; Ringsend Dump 1990 (Reynolds 1993, *FDub 1998*, **DBN**).

- 38** Victoria Park 1927, rubbish tip (Chase 1927b).
39 Belfast 1893/94, near distillery/flour mill (Stewart & Praeger 1894-95). Ballyrudder, late 19th/early 20th C, where fowl were fed (**BEL**). Lagan bank 1905 (**BEL**). Stranmillis 1910, slob land where rubbish dumped (Carrothers 1910, **BEL**).

M. rugosa Desr.

- 39** Ballyrudder, late 19th/early 20th C, where fowl were fed (**BEL**).

M. sativa L. subsp. **falcata** (L.) Arcang. (*M. falcata*)

Sickle Medick

Rare casual; no modern, and mostly late 19th C records.

5, 8, 9, 21, 39.

- 5** By Middleton Mills, on corn screenings (Allin 1883). Queestown (Cobh) Junction 1892, 1897, railway embankment and roadside (*Cyb 1898*, **DBN**).
8 Corbally 1898; Limerick 1900, docks, disused quarry and waste ground (Praeger 1900c, 1909a, Reynolds & Scannell 1992, **DBN**). Limerick 1927 (Chase 1928, **BEL**).
9 Killaloe 1896 (Colgan 1897, Praeger 1909a, **DBN**).
21 * Portmarnock pre-1836; “not seen recently” (More 1872, **TCD**). Near Dalkey 1880; Chapelizod 1907, waste ground (**DBN**).
39 Milewater, waste ground after railway construction in 1847 (*FNE 1888*). Whitehouse 1851 (**TCD**). Belfast (More 1872). Belfast distillery 1896; Scawt Hill 1898 by farm house; Ballyrudder, late 19th/early 20th C (Stewart & Praeger 1894-95, **BEL**).

M. sativa subsp. **sativa** (*M. sativa*)

Lucerne

Rather rare casual or relic of cultivation; sandy and waste ground, grassland and roadsides; probably introduced with grass seed mixture at the one recent Belfast site.

Many **DBN** specimens lacked fruits, and some with fruits are referable to *M. sativa* subsp. *varia*.

* Plentiful at Portmarnock, and well established on sand hills near Rush, Co. Dublin (*Cyb 1866*). Seed introduced and formerly more commonly cultivated (e.g. *ITB 1901*, *FDub 1904*, Praeger 1909a, Scully 1916, Farragher & Curran 1962).

Cens Cat **2, 3, 5, 6, 8-10, 12, 19-23, 37-39.**

Post-1970 records:

- 9** Aran Islands 1972-76, in pastures and meadows (Webb 1980, *FCB 1983*, **TCD**).
12 Wexford Harbour area (FitzGerald 1996).
21 Scattered coastal and urban sites, including Dublin Port (Reynolds 1996a, *FDub 1998*, **DBN**); still at Ringsend Dump in 1997, with *M. sativa* subsp. *varia* (SR).

38 Occasional escape; Ballyhornan 1981, 1983, 1988, roadside bank (*FNE 1992*).

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

M. sativa subsp. **varia** (Martyn) Arcang. (*M. sylvestris*, *M. × varia*;

M. falcata × *M. sativa*)

Sand Lucerne

Apparently confined to Co. Dublin; still at coastal sites in sandy ground; also Ballyogan tiphead 1994, and on grassy bank by seafront path at Ringsend Dump (*FDub 1998*, **BEL**, **DBN**) where it was already established in 1984, and has persisted for at least the next 15 years (SR).

* Portmarnock 1867 or possibly earlier (Praeger 1900d); in considerable quantity on dry sandy banks at Portmarnock 1894-96, and at Malahide 1896 (Praeger 1896b, *FDub 1904*, **DBN**, **TCD**); persistent since then in these localities as well as at Rush and Baldoyle, all on the N Co. Dublin coast (e.g. *ITB 1901*, Praeger 1934b, Anon. 1961a, 1961b, Farragher & Curran 1962). Some records of *M. sativa* subsp. *sativa* may refer to this subspecies (see entry above).

Cens Cat 21.

Trifolium L.

T. aureum Pollich (*T. agrarium*)

Large Trefoil

Rare; modern records from along the Tyrone and Armagh banks of the River Blackwater. Plants of the native species *T. campestre* Schreb. with golden-yellow flowers, superficially resembling *T. aureum*, were noted in 1998 in a Howth, Co. Dublin garden which had been planted with a seed mixture of unknown origin, 'suitable for a coastal site' (SR).

* Dundrum, Co. Down 1879 (*FNE 1938*, **DBN**), Kilderry, E Donegal (Hart 1898, **DBN**) and Old Grange, Co. Carlow (Praeger 1908, **DBN**). Other late 19th C and early 20th C records were incorrect or unreliable, usually in error for *T. campestre* (Praeger 1933, 1934a).

Cens Cat 36, 37, 38. Also **13, 34** (see early records above).

Post-1970 records:

36, 37 Banks of River Blackwater, including at Verners Bridge (Harron 1974, 1986, Dawson 1983, **BEL**).

T. hybridum L.

Alsike Clover

Fairly widespread but uncommon casual; roadsides, including resown verges, disturbed and waste ground, ports and rubbish tips; formerly more common. A component of clover seed mixtures in NE (*FNE 1992*).

* At many sites, but in all cases a relic of cultivation, showing little tendency to become established (*Cyb 1898*); however, by beginning of 20th C, in most vice-counties, appearing established in NE and possibly so elsewhere (*ITB 1901*); recorded in all vice-counties by early 1930s (Praeger 1934b).

Cens Cat 1-40.

Post-1987 records:

e.g. **2** Listowel-Tralee road 1990 (SR); **6** Tramore 2001, waste ground (P. Green); **8** Foynes Port 1988 (Reynolds 1990), also 1997; Raheenagh 1999, one plant in disturbed ground (SR); **11, 12** (Reynolds 1992c); **12** (FitzGerald 1996); **20** W of Bray 1994, new road verge (SR); **21** (*FDub* 1998); Dublin Port (Reynolds 1996a, 1997e, 1999c); Leopardstown Racecourse and Waterstown Park 1994, few plants; N of Loughlinstown 1999, roadside (SR); **22** Drogheda 1999, one plant on roadside (M. Norton); **30** (Reilly 2001); **35** Meenmore WNW of Dunglow 1997, resown road verge (SR); **38, 39** (*FBel* 1997); **38-40** (*FNE* 1992).

T. incarnatum L. subsp. **incarnatum**

Crimson Clover

Rare casual in sown grassland in 19th C.

14, 21, 38/39.

14 Durrow 1898, in sown meadow (**DBN**).

21 * Dundrum, among sown grass 1894-95 (**BEL, DBN, TCD**).

38/39 Belfast 1898 (**BEL**).

T. lappaceum L. (*T. latipaceum*)

Bur Clover

Rare casual; no modern records.

38, 39.

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

39 * Belfast 1894, near distillery/flour mill, introduced with grain (Stewart & Praeger 1894-95, **DBN**). Stranmillis (*FNE* 1938).

T. ochroleucon Huds.

Sulphur Clover

39 Magheramorne 1929, single plant (Chase 1930, **BEL**); did not persist (*FNE* 1938).

T. patens Schreb.

4 Cork City 1994, bank of Curragheen River just below Carrigrohane Bridge; established in an inundation meadow seeded in 1992 with a wild flower seed mix, possibly of European mainland origin; determination confirmed by Dr D.E. Coombe; gone by 1997 (T. O'Mahony).

[**21** Donnybrook tram terminus 1906, grassy bank (**DBN**); specimen referable to *T. campestre*.]

T. pratense L. var. **americanum** Harz

Red Clover

27, 34 Field at Bundoran in E Donegal 1937, with characteristic patent hairs; also at Keel and Dugort in W Mayo (Praeger 1939); probably relic of cultivation.

T. pratense var. **sativum** Schreb.

Red Clover

Agricultural variants frequently escape and establish themselves in the wild in NE (*FNE* 1992), and no doubt elsewhere; road verges and fields on Sherkin,

Cape Clear and Heir Islands, W Cork (Akeroyd 1996); on median of main road between turn-offs to Kilquade and Newtownmountkennedy, Co. Wicklow 1999 with *Lotus corniculatus* var. *sativus*, and sown with wild flower seed mixture at Cabinteely Park, Dublin 2001 (SR, **DBN**).

T. resupinatum L.

Reversed Clover

Rare casual; no modern records; some early records in NE considered unreliable (*FNE 1888*).

4/5, 12, 21, 38, 39.

4/5 * Cork 1861 (*Cyb 1898*, **DBN**).

12 Newtownbarry 1948, beside a cornfield (**DBN**).

21 Ballymun 1906, roadside; "Co. Dublin" 1918 (**DBN**).

38 Saintfield (*Cyb 1898*).

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

T. retusum L.

21 Kilbarrick Church near Howth 19th C, originally identified as *T. maritimum* (= *T. squamosum*) (*Cyb 1866*, Parnell & Webb 1991, **TCD**).

[*T. squamosum* L. (*T. maritimum*)

Sea Clover

Records from Dublin and Clare were in error for other *Trifolium* species (*Cyb 1866*, Hart 1883, *Cyb 1898*, **DBN**); see also *T. retusum* above.]

{**T. stellatum** L.

Starry Clover

38 Greyabbey 1916; Magherascouse Lough near Ballygowan 1917, grown from seed from S of England (**BEL**, *Atlas 1962*.)

Lupinus L.

L. angustifolius L.

Narrow-leaved Lupin

3 Cape Clear 1995, disturbed ground above South Harbour, probably introduced with wild flower seed (Akeroyd 1996).

L. arboreus Sims

Tree Lupin

Occasional garden escape; locally established on sand dunes and sandy ground in SE and NE, and rare casual on disturbed ground elsewhere.

Cens Cat **6, 12, 38, 39**. Also **3**, {20}, **21, 40**.

All records:

3 Toormore 1999, one on roadside (P. Green).

6 Map record (*Atlas 1962*). Bunmahon 1997, dunes and waste ground; Cheekpoint 2000, waste ground (P. Green and I. Green). Knockmahon 2001, waste ground (P. Green).

12 * N of Rosslare 1948, escaped from Rosslare gardens and spreading rapidly (Webb 1948b). South Slob 1961 (**DBN**). Near Kilmore Quay 1994, roadside

- (Reynolds 1996a). Still in Rosslare and Wexford Harbour areas (FitzGerald 1996).
 {20 Brittas Bay 1995, grassy roadside verge, possibly planted (SR).}
21 Ringsend Dump 1980s; waste ground at Malahide 1988 (*FDub 1998*); also at Ringsend Dump 1995 (SR).
38 Ballyferis 1953, on old dune (**BEL**). Portavogie since 1975, abundant and totally naturalized, derived from nearby gardens (Hackney 1976, *FNE 1992*, **BEL**).
39 Whiterocks 1978, top of cliffs (*FNE 1992*).
40 Limavady Junction 1985, two plants in dump (*FNE 1992*).

[*L. nootkatensis* Donn ex Sims Nootka Lupin
35 Loughros More Bay 1955 (Moon 1955b, *Atlas 1962*); in error for *L. polyphyllus*.]

L. polyphyllus Lindl. **Garden Lupin**

Rare garden escape, or relic of cultivation; some records may refer to hybrids (see Clement & Foster 1994).

35, 38, 39.

- 35** * Loughros More Bay 1955, colony in potato field beside sand dunes (as *L. nootkatensis* in Moon 1955b, *Atlas 1962*); in 1965 D. McClintock redetermined Moon's 1949 specimen from Rosbeg (Rossbeg) on N side of the bay, noting that Moon had not known of *L. polyphyllus* (**BEL**).
38 Loughbrickland, planted c.1980 on roadside embankments and central reservations, and gradually dying out (*FNE 1992*).
39 Parkmount, Belfast 1980, on Belfast Lough cliffs (*FNE 1992*). Belfast 1993, and Ballynure 1998, both waste ground sites (S. Beesley and J. Wilde).

L. × regalis Bergmans (*L. arboreus* × *L. polyphyllus*) **Russell Lupin**

Rare garden escape.

6, 38, 39.

- 6** Ringnasilloge, Dungarvan 2001, waste ground (P. Green and I. Green).
38, 39 * Belfast, seedling plants of garden origin (*FBel 1997*).

Laburnum Fabr.

L. alpinum (Mill.) J. Presl

Scottish Laburnum

Relic of cultivation, mainly in hedgerows; locally abundant in one area of NE; very rarely self-sown.

- 36, 40** Common in Slieve Gallion area, often planted in stone-faced banks, some trees possibly c.150 years old; sets good seed but self-sown trees apparently very rare (C.R. Hackney 1989, *FNE 1992*, **BEL**).

L. anagyroides Medik.

Laburnum

Occasional garden escape on waste ground and elsewhere; also discard on

rubbish tips (e.g. Reynolds 1994a, *FNE 1992*); usually self-sown near parent trees in urban areas (e.g. *FID 1984*, *FBel 1997*).

* Near Swatragh, Co. Derry 1938, apparently self-sown (Kertland 1972); other early (map) records in *Atlas 1962*.

Cens Cat **17, 20-23, 30, 31, 38-40**. Also **10**, {19}.

Additional vice-county records:

10 Maudemount Bog, Annacarty 1991; Newchapel Turlough 1992 (Nash 1993b).

{19} Maynooth College, self-sown (Bowering *et al.* 1995).}

Genista L.

G. linifolia L. (*Teline linifolia*)

Narrow-leaved Broom

39 Belfast 1996, commercial premises off Distillery Street, waste ground (*FBel 1997*, **BEL**).

[*G. tinctoria* L.

Dyer's Greenweed

21 Between Killiney Hill and Bray, in fields (*Cyb 1866*); probably in error for procumbent form of native *Cytisus scoparius* (L.) Link (More 1872, *Cyb 1898*).]

Ulex L.

U. minor Roth

Dwarf Gorse

Probably introduced (*Cens Cat*).

Rare (see *FNE 1992*, **BEL**). In error for native *U. gallii* Planch. in Webb *et al.* (1996).

Cens Cat [38].

ELAEAGNACEAE

Hippophae L.

H. rhamnoides L.

Sea-buckthorn

Naturalized and locally abundant on sand dunes and sandy ground, mainly on E and N coasts; spreading and establishing itself by suckering and self-seeding; considered a threat to native vegetation on sand dunes in NE.

* Planted in late 1830s, and thoroughly established some 30 years later on sand hills at Kiltannel N of Courtown, Co. Wexford; also at Raven Point near Wexford Harbour, and planted at Rush, Co. Dublin (More 1868a, 1868b, 1872). Initially often planted to stabilize sand, then becoming established, e.g. in Kerry on Dingle peninsula (*ITB 1901*, Scully 1916); still in Wexford Harbour area (FitzGerald 1996); planted along railway near Kilcoole and Newcastle stations in Co. Wicklow (Carvill & Curtis 1973), and established there 1999 (SR); still along coasts of N Co. Dublin (*FDub 1904*, *FDub 1998*) and in NE (e.g. *FNE 1938*, Carrothers & Moon 1952, *FNE 1992*).

Cens Cat **1, 2, 6, 12, 20, 21, 35, 38-40**. Also {3}, **28**.

Additional vice-county records: