

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:

- {3 Sherkin Island, planted to bind an eroding sand dune (Akeroyd 1996).}
28 Bent Hill, Bunduff Woods; Dunmorán Strand (Cotton & Cawley 1993).

HALORAGACEAE

Haloragis J.R. & G. Forst.

H. micrantha (Thunb.) R. Br. ex Siebold & Zucc. **Creeping Raspwort**

- 16** Near Lough Bola, 3 km N of Carna 1988, well established in wet peaty heath, preferring bare areas, with *Juncus planifolius* (Green 1989, **BEL, DBN, TCD**); still abundant there in 1999, on 1-2 year old cut peat surfaces (Scannell & Jebb 2000), also 2001 (P. Green). Source of introduction not known.

Myriophyllum L.

M. aquaticum (Vell.) Verdc.

Parrot's-feather

Rare aquatic escape or discard; also deliberate introduction for water purification purposes.

{6, 19}, **22, 25, 38**.

{6 Kilmeaden 1999, deliberate introduction with *Lagarosiphon major* in specially constructed wetlands for water purification purposes (J. Caffrey).}

{19 Near Prosperous 1999, in small pond; source material bought at a garden centre (J. Caffrey).}

22 Basketstown, SSE of Trim 1997, in water and on muddy ground amongst native plants (R. Goodwillie).

25 Shannon at Carranadoe Bridge, Lough Boderg 1998, with native *Spirodela polyrhiza*, *Lemna minor*, *L. trisulca* and *Hydrocharis morsus-ranae* (R. Goodwillie).

38 * Glastry clay pits 1990 (*FNE* 1992).

GUNNERACEAE

Gunnera L.

G. manicata Linden ex André

Brazilian Giant-rhubarb

Most records in error for *G. tinctoria* and no reliable records for its naturalization (e.g. *FCB* 1983).

- 16** Small lake SE of Ballynahinch Lake 1990 (Scannell & Jebb 2000); planted or relic of cultivation.

G. tinctoria (Molina) Mirb.

Giant-rhubarb

Fairly common escape from cultivation, mainly in W and SW; naturalized extensively in parts of W Mayo (Achill Island and Curraun) and W Galway (Connemara); boggy ground, damp pastures, ditches, roadsides, by streams etc.; freely seeding, and also spreading from discarded plants or from where originally planted; considered an invasive species, the effect of *G. tinctoria* on semi-natural grassland habitats has been studied (Hickey & Osborne 1998).

* Naturalized and plentiful by mid-1930s on rough hillsides on S side of Killary Harbour below Leenane in W Galway; also N side of Killary Harbour, and on shore and in gullies on S side of Curraun Achill in W Mayo (as *G. manicata* in Praeger 1939; see *FCB 1983*).

Cens Cat **3, 16, 27**. Also **1, 6, 10, 21, 28, 34, 38-40**.

All records:

- 1** Valencia Island 1994, by coast road S of Knightstown (SR).
- 3** Durrus 1979 (Scannell & Synnott 1990, **DBN**). Bantry, Castletownberehaven and Glengarriff area 1989 (Campbell & Osborne 1990). Near Rosscarberry 1993 (SR). Bere (Bear) Island, roadsides; Whiddy Island, extensively naturalized on low sea cliffs 1997 (L. Wolstenholme).
- 6** Cappoquin 2001, two plants by river, discarded or possibly planted (P. Green).
- 10** Shore of Lough Derg near Waterloo Lodge 1972 (Nash 1991).
- 16** Near Leenane mid-1930s (as *G. manicata* in Praeger 1939). Seedlings above Leenane Hotel 1957 (as **26** in Wallace 1960; see Synnott 1986). Abundantly naturalized in much of N and W Connemara (Scannell & McClintock 1974, *FCB 1983*, **DBN, TCD**).
- 21** Howth 1991, in wet birch grove (*FDub 1998*).
- 27** Near Leenane mid-1930s and Curraun Achill (as *G. manicata* in Praeger 1939). Bangor Erris 1957 (Wallace 1960). Clare Island 1968 (McClintock 1969); also 1984 (Doyle & Foss 1986). NW of Leenane 1973 (Scannell & McClintock 1974). Serious weed of damp pastures in SE part of Achill Island (*FCB 1983*). Achill Beg (Synnott 1986).
- 28** Lissadell estate; Ballyconnell, roadside (Cotton & Cawley 1993).
- 34** Carrick 1989, near Glen River (Campbell & Osborne 1990).
- 38-40** Frequently planted by streams in estates and large gardens, and often almost naturalized (*FNE 1992*).

LYTHRACEAE

Lythrum L.

L. hyssopifolium L.

Grass-poly

Rare casual; recent record from Co. Wexford.

8, 12, 21, 38.

- 8** Limerick 1900, waste ground (Praeger 1900c, 1909a, **DBN**).
- 12** * Ballymadder near Bannow pre-1836 (*Cyb 1866, Cyb 1898*). Near Rosslare Harbour 1989, damp hollow on football pitch; determined by Dr D.E. Coombe (R. FitzGerald and J. Akeroyd); basis of record in Webb *et al.* (1996).
- 21** Terenure, Dublin 1915, between chinks in stones of backyard (**DBN**).
- 38** Ballymagee near Bangor 1916-17, path through old oat field (Wear 1923).

L. junceum Banks & Sol.

False Grass-poly

In NE, but no details (McClintock 1973).

L. virgatum L. **Slender Purple-loosestrife**
31 Meadow W of Dundalk 1819 (Parnell & Webb 1991, **TCD**).

THYMELAEACEAE

Daphne L.

D. laureola L. **Spurge-laurel**
 Infrequent garden escape; self-sown in a variety of habitats including woodland, hedgerows, rocky places and walls.

6, 10, 15, 19, 21, 32, 36, 38, 39.

6 Lackaroe 1997, over 30 plants scattered among bushes and on castle walls (P. Green).

10 Nanny Moran's Rock, Kilbarron Hills 1986; scattered bushes on rocky limestone terrain in mixed deciduous scrub-to-forest, remote from habitations (**TCD**).

15 Portumna 1909, self-sown in woods (**DBN**).

19 * Farm Hill, Athy 1889 (**DBN**).

21 Near Cross Guns Bridge 1981, railway bank by Royal Canal (*FID 1984*). Castleknock College 1983, in beech wood; Luttrellstown 1984 (*FDub 1998*).

32 S of Emyvale post-1994, roadside (I. McNeill).

36 Annaghone near Tullyhogue 1982 (Lambert 1985). Near Roughan Lough, abundant in hedgerows; and apparently well established in places (I. McNeill).

38 Drumbo 1987, "wild" in hedgerow (*FNE 1992*).

39 Knockagh, SW of Carrickfergus 1986 (Beesley 1993b). Crumlin Glen 1990, basalt cliff by waterfall below dam (*FNE 1992*).

D. mezereum L.

Mezereon

36 Near Omagh 1896, "escape?" (**DBN**). Near Ballygawley 1960, apparently self-sown (Lambert 1985).

MYRTACEAE

{**Leptospermum** J.R. & G. Forst.

Leptospermum spp.

Tea-trees

1 Rossdohan garden, naturalized (Nelson 1979).

3 Inacullen garden (Garinish Island), self-sown seedlings common (Morley 1979).}

{**Eucalyptus** L'Hér.

E. globulus Labill.

Southern Blue-gum

1 Rossdohan garden, reproducing freely and competing successfully there (Nelson 1979).}

{**E. johnstonii** Maiden (Johnston's Gum), **E. urnigera** Hook. f. (Urn-fruited Gum), and **E. viminalis** Labill. (Ribbon Gum)
All planted for forestry in a few areas and now self-seeding (Webb *et al.* 1996).}

Luma A. Gray

L. apiculata (DC.) Burret (*Amomyrtus luma*, *Myrtus apiculata*, *M. luma*)
Chilean Myrtle

Rare escape from cultivation; freely self-seeding.

{1}, 3.

{1 Rossdohan garden, naturalized (Nelson 1979). Glanleam, Valencia Island, thousands of self-sown plants throughout the woodland garden (Galvin 1983), also 1994 (SR).}

3 Glengarriff area, several fair-sized trees in hedges, undoubtedly bird-sown from adjacent gardens, and seedlings on roadsides; Ballylickey area, several self-sown trees in hedges (Webb 1979, 1989). Roadside near Glengarriff oakwoods 1993 (Scannell & O'Donnell 1994).

ONAGRACEAE

Epilobium L.

E. brunescens (Cockayne) P.H. Raven & Engelm. (*E. nummulari(i)folium*, *E. nerter(i)oides*, some records of *E. pedunculare*) **New Zealand Willowherb**
Common garden escape; naturalized particularly in damp habitats, from near sea-level to mountain tops; by streams, rivers and lakes, on gravel, wet rocks and tracks in conifer plantations, in quarries and on walls; on open ground and in pavement cracks in Belfast (*FBel* 1997). Hybridizes with native species (Kitchener & McKean 1998).

* Blackstairs Mountains 1933 on Carlow/Wexford boundary; "this species has been recorded sporadically from different parts of Ireland" (O'Leary 1934); Killybegs in W Donegal, on laneway near shore; "often grown on pathways in our rock gardens" (Stelfox 1934); and on railway ballast at Helen's Bay in Co. Down, roadsides in Co. Antrim etc. (Praeger 1934b). Established at many new sites by mid-20th C (e.g. Praeger 1939, 1942, 1946, 1950, Barry 1940, Webb 1943, 1948a, Stelfox 1947, Brunner 1950, 1955) and continued to spread (e.g. *FCB* 1983, *FNE* 1992, Cotton & Cawley 1993). Sold by Irish nurseries in early 1900s (Nelson 1994).

Cens Cat 1-9, 12, 13, 16, 20, 21, 25, 27-29, 31-40. Also 10, 30.

Additional vice-county records:

10 Hill NE of New Grove 1991; W slopes of Keeper Hill 1992 (Nash 1993a).

30 Blackrocks Cross 1987; quarries at Coronea and Knocknagiolla 1988; Bruse Hill and Ardkill 1999 (Reilly 1989, 2001).

E. ciliatum Raf. (*E. adenocaulon*)

American Willowherb

Common and widespread; waste ground, ports, railway tracks, disturbed ground at edge of forestry, roadsides, streamsides, walls, nurseries, as a garden weed etc.;

very common in urban areas, e.g. Dublin, Cork and Belfast (*FID 1984*, O'Mahony 1991, *FBel 1997*); in some cases probably introduced with imported plants; hybridizes with native species (e.g. Doogue *et al.* 1985, Kitchener 1996, *FDub 1998*, **DBN**).

* Arklow, Co. Wicklow 1958; island in Lough Neagh, Co. Antrim 1971; "explosive" spread since 1980 (Doogue *et al.* 1985, Preston 1989); Irish records first published by Synnott (1981a, 1983).

Cens Cat **1-5, 8, 10-12, 16, 17, 19-23, 26, 30, 31, 33, 34, 38, 39**. Also **6, 9, 27-29, 35, 36, 40**.

Additional vice-county records:

6 Laurel Bridge, SE of Clonmel 1987 (D.A. Webb). Many records since 1997 (P. Green).

9 Ogonnelloe and Mountshannon 1990 (Brady & Rich 1992).

27-29 Widespread (Kitchener 1996).

28 Sligo Port 1989 (Reynolds 1992b). Union Woods, Ballysadare 1995 (Kitchener 1996).

35 Glenveagh National Park, near Visitors' Centre 1990 (Wyse Jackson 1995).

36 Cookstown 1989, "now quite frequent in Co. Tyrone"; Ballyrenan 1989; Augher Lake, Castlehill demesne 1989 (**BEL**).

40 Widespread and locally abundant, as elsewhere in NE (*FNE 1992*).

E. komarovianum H. Lév.

Bronzy Willowherb

Rare garden weed.

{21}, **38**, [39].

{21} Beech Park, Clonsilla 1973, planted in rockery garden (Scannell & McClintock 1974, **DBN**).

38 Newcastle 1961, garden weed; Mountstewart Garden 1966 (McClintock 1972a, Scannell & McClintock 1974, **BEL**).

[39] Lisburn 1941; voucher specimen redetermined as narrow-leaved form of *E. brunnescens* (Scannell & McClintock 1974).]

E. pedunculare A. Cunn. (*E. linnaeoides*)

Rockery Willowherb

Rare garden escape, established mainly on roadsides in W Galway. Due to confusion of names, some early records of *E. pedunculare* refer to *E. brunnescens* (see entry above).

Cens Cat **16, 27**. Also **6**, {21}.

All records:

6 Croughaun Hill NNW of Kilmacthomas 2000, small amount on edge of forest ride (P. Green).

16 * W of Leenane 1953, established for about a mile (c.1.6 km) along roadside (Gordon 1954, Moon 1955a); persistent there; also between Leenane and county boundary with W Mayo, and small quantity on roadside banks E and W of Kylemore Abbey (*FCB 1983*, **DBN**, **TCD**). Salrock 1980, shaded glen by roadside (**DBN**). Currarevagh demesne N of Oughterard 1991, on earthen

banks near house (Scannell & Jebb 2000, **TCD**). Kylemore Abbey 1998 (as “*Epilobium brunnescens* with toothed leaves” in Dublin Naturalists’ Field Club’s July 1998 newsletter). Maam 1999, on steep roadside bank just NW of Keane’s Bar (Conaghan 2000).

{21 Co. Dublin garden 1938 (McClintock 1972a, **DBN**).}

27 Ashleigh (Aasleigh) near Leenane 1972; forest track at Lough Feeagh N of Newport 1977 (Synnott 1986, **DBN**).

E. tetragonum L. (*E. adnatum*, *E. lamyi*) **Square-stalked Willowherb**

Established in Mid Cork, East Cork and Waterford, and a rare casual elsewhere. Some early records are referable to native *E. obscurum* Schreb. (*FNE* 1888, *Cyb* 1898, *FDub* 1904, *FNE* 1992).

1, 3-7, 21, 38, 39.

1 Killorglin 10 km square, 1999 (P. Green).

3 Carravilleen W of Ahakista 1999 (P. Green).

4, 5 Established in several places, e.g. along defunct Cork-Youghal railway line (O’Mahony 1991, 1995, 1996).

5 Tivoli Docks, Cork since 1970s; Carrigtwohill 2000, sand quarry (O’Mahony 2001c).

6 Caherbrack 1997, roadside; Knockadullaun East 1997, by ruin; common in the county 2001, disturbed ground (P. Green and I. Green).

7 Clonmel 1958, rubbish heap behind hotel (*Atlas* 1962, **TCD**).

21 St Margaret’s 1986, damp pasture; by Royal Canal 1989; Trinity College, Dublin 1989-90 (*FDub* 1998).

38 Aghnamoira 1988, laneside (*FNE* 1992, **BEL**).

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

39 * Cushendall 1939, cultivated ground at Glenville Hotel (Brenan & Simpson 1949). Magheramorne 1984, 1988 on shore of Larne Lough below tips of quarry spoil (*FNE* 1992, **BEL**).

Oenothera L.

O. biennis L.

Common Evening-primrose

Rare garden escape.

* Near Carrick-on-Suir, Co. Waterford 1864; Shane’s Castle, Co. Antrim 1886; and near Straffan, Co. Kildare 1905 (**DBN**); occasional escape from cultivation (e.g. *Cyb* 1866, *FNE* 1888, Praeger 1895, 1909a, *FDub* 1904, Carrothers 1910); a favourite in cottage gardens in Kerry (Scully 1916).

Cens Cat **1, 6, 7, 19, 39.** Also **3, 21.**

Post-1970 and additional vice-county records:

3 Courtmacsherry 1969; det. E.J. Clement (**DBN**). Near Baltimore, and on Cape Clear 2001 (J. Akeroyd).

6 Farranalahesery 2001, roadside (P. Green).

7 W outskirts of Clonmel, “in wilderness”; W of Cahir, waste ground and roadside (O’Keefe 1984).

21 Dublin City (*FID 1984*), but some records may refer to *O. glazioviana*. Ringsend Dump 1986 (*FDub 1998*, **DBN**).

O. × fallax Renner (*O. glazioviana* × *O. biennis*)

Intermediate Evening-Primrose

12 *O. cf. × fallax*, coast E of Kilmuckridge 1990, in dunes (R. FitzGerald).

O. glazioviana P. Micheli ex Mart. (*O. erythrosepala*, *O. lamarckiana*)

Large-flowered Evening-primrose

Occasional garden escape; established on sand dunes in NE (*FNE 1992*, **BEL**); sandy and waste ground, railway banks and rubbish tips; freely seeding; some modern records of *O. biennis* may refer to this species.

* Malahide, Co. Dublin 1873, grassy place at edge of sand hills (Brady 1974, **DBN**); Portstewart dunes, Co. Derry 1943 (Megaw 1944a). Most records date from the 1970s on.

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

Additional records:

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

5 Barryscourt 1995, spoil heaps of sand quarry (Scannell 1996). Carrigtwohill 2000, sand quarry (O'Mahony 2001c).

21 Scattered sites (*FDub 1998*, **DBN**).

39 Coastal and inland sites, including Belfast (Anderson & Christie 1991, *FNE 1992*, Beesley 1993a, 1993b, *FBel 1997*).

40 Gortanewry and Killybearn 2001, waste ground (I. McNeill).

O. laciniata Hill (*O. sinuata*)

Cut-leaved Evening-primrose

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

O. stricta Ledeb. ex Link (*O. odorata*)

Fragrant Evening-primrose

Cens Cat [5], **12**.

[5 Error in *Cens Cat* (Scannell & Synnott 1989).]

12 Established near Rosslare 1922 (Praeger 1934b, *Atlas 1962*, **DBN**); in the same area since then, on Curraclloe sand hills and open dunes fringing the Raven (FitzGerald 1996, **DBN**); garden escape.

Clarkia Pursh

C. amoena (Lehm.) A. Nelson & J.F. Macbr.

Godetia

21 Ballyogan tiphead 1994, garden discard (Reynolds 1996b). [*C. cf. amoena* at Guinness Brewery 1944, introduced with Californian grain (as *Godetia purpurea* in Brunner 1944b, **DBN**).]

C. concinna (Fischer & C. Meyer) E. Greene

Red-ribbons

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

Fuchsia L.

{**F. excortica** (Forster & Forster f.) L. f.

Tree Fuchsia

1 Rossdohan garden, naturalized (Nelson 1979).}

F. magellanica Lam. (including *F. gracilis*, *F. 'Riccartonii'*)

Fuchsia

Widespread and common relic of cultivation in hedgerows and near houses; not much suckering, but occasionally self-sown or growing from detached pieces; established in scrub, by streams, on rocky ground and in quarries; also on wall tops and urban waste ground, and as a casual on rubbish tips. Two forms recognized, with different bud shapes and fruiting habits (e.g. Webb 1980, Nelson 1983).

* Early records from Co. Kerry and W Galway (Druce 1907, Scully 1912, 1916). Formerly considered widely naturalized in the W (e.g. Praeger 1934a, 1934b), but closer observation in Connemara and the Burren showed that *F. magellanica* was usually growing where originally planted (*FCB* 1983). Seed sold in Kerry "until recently" for sowing along banks where it served as feed for cattle and sheep (Donaldson *et al.* 1976).

Cens Cat 1-9, 12, 16, 20, 22, 25, 27, 31, 34-40. Also 10, 21, 28, 29, 30.

Additional vice-county records:

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

21 Dublin City, probably planted in all but a few cases (*FID* 1984). Sometimes persisting in hedges (*FDub* 1998).

28, 29 In many hedgerows, and spreading naturally in some places (Cotton & Cawley 1993).

30 N of Bailieborough 1968; Blacklion 1990; Skeagh Lough 1996 (Reilly 2001).

[*Circaea* L.

C. alpina L.

Alpine Enchanter's-nightshade

All records are referable to *C. × intermedia* Ehrh. (*C. lutetiana* L. × *C. alpina*) (e.g. *ITB* 1901, Praeger 1934b, 1946).]

CORNACEAE

Cornus L.

C. alba L.

White Dogwood

3 Gearagh Causeway 1998, two long-established bushes (O'Mahony 1999).

C. mas L.

Cornelian-cherry

18 Near Kinnetty (Kinnitty) 1912, in hedge (DBN).

C. sericea L. (*Thelycrania sericea*)

Red-osier Dogwood

Widely planted as an ornamental shrub; usually spreads by layering and more or less naturalized at many sites; an aggressive invader of natural and semi-natural

open and wooded wetland habitats, forming dense thickets and suppressing the herbaceous flora; it does not set seed, so control should be possible; see Kelly (1990b) for details and many vice-county records.

* Arvagh, Co. Cavan 1958 (Reilly 2001); roadside E of Roscommon town 1962 (Wallace 1963); most other records date from early 1970s on.

Cens Cat **2, 8, 14, 16, 25, 29**. Also **4-6, 9, 11, 12, 19, 21-23, 28, 30, 33, 36, 37, 39, 40**.

Additional records (except those in Kelly 1990b):

- 4** By Aghthying Stream near Lee Reservoir 2001, small naturalized population (O'Mahony 2002).
- 5** By Sheep River at O'Brien's Bridge ENE of Kildorrery 1999 (SR, DBN).
- 6** On several riverbanks, originally planted but spreading well in some areas (P. Green).
- 28, 29** Several new locations (Cotton & Cawley 1993).
- 30** Arvagh 1958; W of Cootehill 1999 (Reilly 2001).
- 39** Massereene Park and Langford Lodge by Lough Neagh, in shrubby woods (Harron 1986).
- 40** N of Maghera 1988, roadside banks (*FNE* 1992).

Aucuba Thunb.

A. japonica Thunb.

Spotted-laurel

Rare garden escape; also relic of cultivation.

- 6** Checkpoint 1997, single bush self-sown at base of cliff; Portlaw 2000, single bush on bank of Clodiagh River; also by ruins (P. Green and I. Green).

Griselinia G. Forst.

G. littoralis (Raoul) Raoul

New Zealand Broadleaf

Rare garden escape.

6, 16, 38-40.

- 6** Ballyvohalane 2001, single bush in conifer plantation; Newtown Cove 2001, single bush in wooded coomb; both possibly self-sown (P. Green).
- 16** * Head of Killary Harbour just NE of Leenane 1973, seedling (Scannell & McClintock 1974).
- 38-40** Commonly planted; very rarely found as an almost naturalized shrub; in Belfast area, trees produce abundant viable seed and seedlings plentiful in suitable situations, but rarely permitted to grow to maturity (*FNE* 1992).

SANTALACEAE

[*Thesium* L.

T. humifusum DC.

Bastard-toadflax

- 30** Between Mount Nugent and Kilnaleck pre-1850, plentiful in potato field (as *T. linophyllum* in Reilly 1995); habitat unlikely as this parasitic species is, for example, a localized native in chalk and limestone grassland in Britain.]