

## CYPERACEAE

### **Cyperus** L.

**C. eragrostis** Lam.

**Pale Galingale**

Rare garden escape or discard, capable of establishing itself and spreading.

**3-6.**

- 3** Just W of Bandon 1999, over 100 clumps on waste ground (Green 2000b).
- 4** By Lee Reservoir just S of Hartnett's Cross, Macroom 2001, extensive naturalized populations; freely seeding and apparently spreading (O'Mahony 2002). N bank of Lee Reservoir at Lower Dripsey 2001, two plants, on rock outcrop and gravel shore (T. O'Mahony).
- 5** Castlemartyr 1999, single clump on waste ground outside garden centre (P. Green).
- 6** \* Abbeyside, NE of Dungarvan 1997, single plant on roadside (P. Green).

**C. longus** L.

**Galingale**

Rare garden escape or discard.

**6, 21.**

- 6** Carrick-on-Suir 2001, patch on riverbank (Green 2002).
- 21** \* Sorrento, Dalkey 1902, few clumps near foot of sea cliffs; garden outcast or deliberate introduction (*FDub 1904*, **DBN**).

## POACEAE (Gramineae)

Most of the critical **DBN** specimens were checked by T.B. Ryves in 2000-01.

### **Semiarundinaria** Nakai

**S. fastuosa** (Lat.-Marl. ex Mitford) Makino ex Nakai

**Narihira Bamboo**

Rare relic of cultivation.

**1, 38.**

- 1** \* S side of Dingle Harbour 1976, naturalized at edge of damp wood (Ryves *et al.* 1996).
- 38** Castlewellan Forest Park 1978 (*FNE 1992*, **BEL**).

{ **Yushania** Keng f.

**Y. anceps** (Mitford) W.C. Lin (*Sinarundinaria anceps*)

**Indian Fountain-bamboo**

Murrisk Abbey in 27, and Downpatrick in 38 (Ryves *et al.* 1996); presumably persistent and thicket-forming. }

{ **Thamnocalamus** Munro

**T. spathiflorus** (Trin.) Munro

- 1** Glanleam on Valencia Island and Rossdohan gardens, covering large areas (Ryves *et al.* 1996). }

**{Pleioblastus Nakai**

**P. chino** (Franch. & Sav.) Makino **Maximowicz's Bamboo**  
12 Newtownbarry (House) (Ryves *et al.* 1996); relic of cultivation.}

**{P. humilis (Mitford) Nakai**

12 Newtownbarry House 1965 (Ryves *et al.* 1996); relic of cultivation.}

**{P. simonii (Carrière) Nakai**

**Simon's Bamboo**  
1 Rossdohan garden, in woodland (Ryves *et al.* 1996).}

**Sasa Makino & Shibata**

**S. palmata** (Burb.) E.G. Camus **Broad-leaved Bamboo**  
Rare garden discard, also established in parks and demesnes.

**4, 21, 30, 36, 38, 39.**

**4** Roskeen, W of Mallow 1999, between river and road (P. Green).

**21** Luttrellstown House, S of Clonsilla 1983, spreading by the river (*FDub 1998, TCD*).

**30** Bellamont, Cootehill 1999 (Reilly 2001).

**36** Occasional garden discard post-1980, forming stands (I. McNeill).

**38** \* Belvoir Park 1974, streamside; Castlewellan Forest Park 1978, beside lake (*FNE 1992, BEL*).

**39** Magheramorne House 1979, in planted woodland (*FNE 1992, BEL*).

**{S. veitchii (Carrière) Rehder**

**Veitch's Bamboo**  
12 Newtownbarry (House), in wood (Ryves *et al.* 1996); relic of cultivation.}

**{Sasaella Makino**

**S. ramosa** (Makino) Makino **Hairy Bamboo**  
1 Rossdohan garden, in woodland (Ryves *et al.* 1996).}

**Pseudosasa Makino ex Nakai**

**P. japonica** (Siebold & Zucc. ex Steud.) Makino ex Nakai **Arrow Bamboo**  
Rare garden discard, also spreading from where originally planted.

**6, 32, 36, 38, {39}.**

**6** Halfway House 1997, small patch by road under trees, probably dumped (P. Green and I. Green).

**32** Lisanisk post-1994, well established (I. McNeill).

**36** Infrequent garden discard post-1980, forming stands (I. McNeill).

**38** \* Belvoir Park 1974, streamside (*FNE 1992, BEL*).

{39 Castle Dobbs near Kilroot 1983, planted near lake (*BEL*).}

**{Chimonobambusa Makino**

**C. quadrangularis** (Franceschi) Makino **Square-stemmed Bamboo**  
Naturalized in woodland on Valencia Island (probably Glanleam garden) in 1,

and over a wide area at Fota (arboretum) in 5 (Ryves *et al.* 1996.)

{ **Anemanthele** Veldkamp

**A. lessoniana** (Steud.) Veldkamp

13 Reported to seed prolifically at Lucyswood (Lucy's Wood), Bunclody (Ryves *et al.* 1996.)

**Festuca** L.

**F. heterophylla** Lam.

**Various-leaved Fescue**

8 NW of Grange 1977, 1989, hundreds of plants established on steep hill in woodland of native and introduced tree and shrub species (Curtis *et al.* 1993, **DBN, TCD**).

[*F. indigesta* Boiss.

In *Cens Cat*, but records of this Pyrenean grass are considered erroneous (Ryves *et al.* 1996).]

**Lolium** L.

**L. multiflorum** Lam. (*L. italicum*, *L. perenne* subsp. *multiflorum*)

**Italian Rye-grass**

Common escape from, or relic of, cultivation; established mainly in grassland, on roadsides and waste ground; also shores of Lough Neagh (Harron 1986).

\* Fields and waste places, occasional (*Cyb 1866*); at end of 19th C, throughout Ireland (*Cyb 1898*).

*Cens Cat* **1-18, 20-40**. Also **19**.

Additional vice-county record:

**19** Maynooth College, by ditches and field edges (Bowering *et al.* 1995).

**L. remotum** Schrank (*L. linicola*)

**Flaxfield Rye-grass**

Rare casual; formerly a weed of flax fields; seeds also found in feeding stuff (Adams 1909d).

**35, 38, 40**.

\* 19th C records from **38** and **40** (*Cyb 1866, FNE 1888*).

**35** Kilmacrenan 1928, flax field (Druce 1929).

**38** Belfast 1902, waste ground (**BEL**).

**40** Near Dungiven 1928, flax field (*FNE 1938, BEL*).

**L. temulentum** L.

**Darnel**

Rare arable weed on Aran Islands; formerly widespread.

\* Cultivated fields among corn, locally abundant (*Cyb 1866*), and still frequent at end of 19th C (*Cyb 1898, ITB 1901*). Near Neale, E Mayo 1964, 1969 (Farragher 1973), but considered virtually extinct at that time (Webb & Hodgson 1968). Introduced with Californian grain at Guinness Brewery 1944 (Brunker 1944b, **DBN**).

*Cens Cat* 1-7, 9-40, but all these pre-1950.

Post-1970 records:

- 9 Inishmore, Inishmaan and Inisheer 1987, in rye and oat fields; also on thatched roofs on Inishmaan (Curtis *et al.* 1988, **DBN**). Inisheer 1994, rye field (**TCD**).

**Cynosurus L.**

**C. echinatus L.**

**Rough Dog's-tail**

Rare casual; no modern records.

*Cens Cat* 12, 13, 37, 39. Also 8, 38.

All records:

- 8 Carey's Road quarry, Limerick City 1904 (Phillips 1905a).  
 12 Near Bunclody 1947, field by River Slaney (**DBN**).  
 13 \* Sandbrook 1868 (More 1872, **DBN**). Near Browne's Hill 19th C (**DBN**).  
 37 No details (Scannell & Synnott 1989).  
 38 Ormeau Park, Belfast 1928/29, rubbish heap (Chase 1930, *FNE* 1938).  
 39 Near King's Bridge, Stranmillis 1926 (**DBN**); also Stranmillis 1928/29 (Chase 1930, *FNE* 1938). Established near ruined farm buildings on outskirts of Portrush golf links 1941 (Chase 1941).

**Puccinellia Parl.**

[*P. festuciformis* (Host) Parl.

Formerly reported as *Atropis festucaeformis*, *A. foucaudi(i)*, *Glyceria festucaeformis*, *G. foucaudi(i)* or *P. foucaudi(i)*, this is now considered a robust variant of native *P. maritima* (Huds.) Parl. which forms erect clumps and occurs mainly in the Shannon estuary, also Strangford Lough and possibly Co. Dublin (e.g. Knowles 1903, Praeger 1909a, *FNE* 1992, Ryves *et al.* 1996, *FDub* 1998, **DBN**).]

**P. rupestris** (With.) Fernald & Weath. (*Sclerochloa procumbens*,

*Festuca procumbens*)

**Stiff Saltmarsh-grass**

Casual in Co. Antrim at Larne, and plentiful for a few years at Albert Quay, Belfast in 1870s (*FNE* 1888, **BEL**); elsewhere records unreliable, probably in error for native species (*Cyb* 1866, *Cyb* 1898, Phillips 1924b).

**Briza L.**

**B. maxima L.**

**Greater Quaking-grass**

Casual, occasionally found on disturbed ground in a variety of habitats; cultivated as an ornamental grass and discarded plants may be a source of seeds; persistent at one site in Cork City for nearly 20 years.

3, 4, 20, 21, 38, 39.

3 Inchageela 1996, on sandstone outcrop (O'Mahony 1999).

4 By River Lee near Cork City Hall 1983, and firmly established on wharf timbers there in 1998, 2001 (O'Mahony 1999, 2002). Cork City, near railway

station 1990 (Scannell 1991).

- 20** S of Kilcoole Station 1999, by railway at The Breaches (Reynolds 1999c).  
**21** \* N of Bray River, new bank by railway (Meade 1901). Pigeon House Road 1994; Howth 1970s, 1992 (*FDub 1998*), and 1995 (D. Nash).  
**38** Newcastle 1971, garden weed (**BEL**). Belfast, one site (*FBel 1997*).  
**39** Stranmillis 1910, slob land where rubbish dumped (Carrothers 1910).

**B. minor** L.

**Lesser Quaking-grass**

- 4** Near railway station at Blackrock, Cork 1859, "in considerable quantity" in a field; some doubt cast on second record from the same area (*Cyb 1866*).

**Poa** L.

**P. bulbosa** L.

**Bulbous Meadow-grass**

- 12** Rosslare Harbour 1997, in sand at road edge near ferryport; det. Dr J.R. Edmondson (P. Green and I. Green; **DBN**); still there 2001 (P. Green); possibly introduced with ferry traffic.

**P. chaixii** Vill.

**Broad-leaved Meadow-grass**

Rare garden escape or relic of cultivation; introduced as an ornamental grass; one large population in Co. Down.

*Cens Cat* **38**. Also **21**, {36}.

All records:

- 21** S end of Leopardstown Racecourse 1993, under trees (Wyse Jackson 1995, *FDub 1998*), also 1994 (SR).  
 {36 Grounds of Glenavon House, Cookstown (I. McNeill).}  
**38** \* Helen's Bay area 1978 at three sites, especially thriving below sapling tree-growth; thousands of plants in the population by track between Ballygilbert and Ballysallagh Lower (Harron 1979).

**P. compressa** L.

**Flattened Meadow-grass**

Occasional; established on walls, and on dry or rocky ground.

\* Derry, old walls (*Cyb 1866*), where it maintained itself for many years (*Cyb 1898*).

*Cens Cat* **7, 8, 10-12, 14-18, 20-22, 25, 27, 30, 31, 34, 37-40**. Also **5, 19**.

Post-1970 and additional vice-county records:

- 5** Cork City, wall near junction of Grattan's Hill/O'Mahony's Avenue 2000 (O'Mahony 2001c).  
**11** Ruins of Jerpoint Abbey 1971 (**TCD**); found there previously (Praeger 1939). Kilcreen area 1999 (Dines 2000a).  
**19** SE of Straffan 1996, on railway bridge (D. Doogue), where it has persisted (**DBN**).  
**21** Howth 1984; S of Brittas 1986; E of Colganstown 1987 (*FDub 1998*). [National Botanic Gardens 1987-88, on wall; voucher specimens redetermined by Dr J.R. Edmondson as *P. pratensis* L. (*FDub 1998*, **DBN**).]

**31** Carlingford 1976 (**DBN**).

**39** Blackrock Point by Lough Neagh 1981, on basalt rock (Harron 1986, *FNE 1992*).

**P. infirma** Kunth

**Early Meadow-grass**

Rare weed; considered to be possibly native at its W Cork site, and perhaps overlooked elsewhere.

**3, 40.**

**3** Castlepark near Kinsale 2000, several hundred plants on roadside at foot of a wall (Selby 2000, Hackney 2001, O'Mahony 2001c).

**40** \* Castlerock 1987-92, garden weed (*FNE 1992*).

**P. nemoralis** L.

**Wood Meadow-grass**

Probably introduced (*Cens Cat*).

Fairly common in E half; in demesne woodlands and shrubberies, possibly deliberately sown or introduced in grass seed mixtures for shady places (e.g. Davies 1902b, Scully 1916).

*Cens Cat* **1-3, 5, 8-14, 16, 18-25, 31, 33, 34, 36-40.**

**P. palustris** L.

**Swamp Meadow-grass**

Rare; established by rivers and lakes; widespread in Lough Neagh basin since 1970 (Kertland 1972, Harron 1986, *FNE 1992*, **BEL**); possibly introduced as a fodder grass.

\* By River Boyne at Beuparc, Co. Meath 1895-96; voucher specimen checked by T.B. Ryves (Praeger 1897a, **DBN**); extending some miles downstream from Navan (Praeger 1934b).

*Cens Cat* **22, 32, 33, 37, 39, 40.** Also **28, 30, 38.**

Additional vice-county records:

**28** Outlet of Lough Meharth and on the Unshin 1988, competing well with native vegetation (Douglas *et al.* 1993).

**30** "Co. Cavan" 1958 (Reilly 2001).

**38** N shore of Magherascouse Lake 1986 (*FNE 1992*).

**Dactylis** L.

**D. hispanica** Roth (*D. glomerata* subsp. *hispanica*)

**3** Rabbit Island, W of Glandore Harbour 1963, 1969, on rock outcrop and in pasture (Scannell 1964b, **DBN**); its status in Ireland needs clarification (Kent 1965, Ryves *et al.* 1996); this species is similar-looking to coastal variants of *D. glomerata* L., but differs by having a split lemma (Stace 1997).

**Desmazeria** Dumort.

**D. sicula** (Jacq.) Dumort.

Co. Kerry pre-1865, in some quantity by roadsides (as *Brizopyrum siculum* in Moore 1865; *Cyb 1866*); not seen since (Scully 1916).

[*Helictotrichon* Besser ex Schult. & Schult. f.

*H. pratense* (L.) Besser (*Avena pratensis*)

Meadow Oat-grass

Most, if not all, records unreliable (*FNE 1888, Cyb 1898*).

21 Hollybrook, Howth Road 1867 (*FDub 1904*); voucher specimen appears to be native *H. pubescens* (Huds.) Pilg. (**DBN**.)]

### **Avena L.**

#### **A. fatua L.**

#### **Wild-oat**

Frequent casual, apparently more common in recent years; roadsides, disturbed ground and ports; also arable fields where it can be a problem weed (Curran 1965, 1983, *FNE 1992, FDub 1998*); prohibited in Republic of Ireland by Noxious Weeds (Wild Oat) Order, 1973. Robust plants were an attractive feature of newly planted banks by motorways in the 1990s (e.g. Reynolds 1996b).

\* Corn fields and cultivated land, rare and very local (*Cyb 1866*); species not included in *ITB 1901* nor Praeger's (1934b) Census List. Known in Viking Dublin (Geraghty 1996).

*Cens Cat* **1, 4-8, 10-14, 16, 18-25, 30-32, 37-40**. Also **15**.

Additional vice-county record:

**15** Ardrahan 1974, in field of barley (Scannell & Jebb 2000, **BEL, DBN**).

#### **A. sativa L.**

#### **Oat**

Fairly common and widespread casual; escape from, or relic of, cultivation; arable land and field margins, roadsides, ports, waste ground and tipheads. Less usual habitats were sandy shore of North Bull, Co. Dublin in 1894, rock crevices on Inishtrahull, E Donegal in 1939 (**DBN**), and old thatched roof on Inishbofin, W Galway in 1987 (Brodie & Sheehy Skeffington 1990).

**3, 4, 6, 8, 10-13, 16, 18-21, 25, 30, 34, 38-40**.

\* 19th C specimens from **16** and **21** (**DBN**).

**3** (Akeroyd 1996), **6** (P. Green), **8** (Reynolds 1997b, 1997e), **13** (Booth 1979), **16** (Brodie & Sheehy Skeffington 1990), **19** (Bowering *et al.* 1995), **21** (*FID 1984, FDub 1998*), **30** (Reilly 2001), **34** (**DBN**), **38-40** (*FNE 1992, FBel 1997*), and in 1990s noted also in **4, 10-12, 18, 20** and **25** (SR).

#### **A. strigosa** Schreb.

#### **Bristle Oat**

Rare arable weed; formerly more widespread, and also apparently cultivated (see Doyle 1935, Curtis *et al.* 1988).

\* Cornfields and cultivated land, rather rare (*Cyb 1866*); species not included in *ITB 1901* nor Praeger's (1934b) Census List. *Atlas 1962* was the source for many of the *Cens Cat* records (Scannell & Synnott 1989).

*Cens Cat* **1, 5, 6, 9, 12, 13, 15, 18-21, 23, 25-27, 31, 34/36, 35, 38-40**, but most of these pre-1950. Also **3, 16, 33**.

Post-1970 and additional vice-county records:

**3** Near Garrylucas marsh 1996 (Scannell 1997a).

**9** Aran Islands 1987 (Curtis *et al.* 1988, **DBN, TCD**). Inisheer 1992, weed in

- rye field (**TCD**). Inishmaan 1999 (Scannell & Jebb 2000).  
**16** Inishbofin c.1987 (Brodie & Sheehy Skeffington 1990).  
**21** NE Co. Dublin, occasional (*FDub 1998*).  
**33** Glenross, Lower Lough Erne 1988, waste ground (**DBN**).  
**35** Meenlaragh, E of Bloody Foreland 1989 (**DBN**). Tory Island, Bloody Foreland and The Rosses 1989 (T. Curtis).  
**38-40** Weed in arable land, frequent in all three counties (*FNE 1992*, **DBN**).

**Gaudinia** P. Beauv.

**G. fragilis** (L.) P. Beauv.

**French Oat-grass**

Rare; on roadsides and in old pastureland; possibly introduced in early 18th C by Palatine settlers in Co. Limerick (O'Sullivan 1967), or more recently with grass seed mixtures (e.g. Farragher 1968, McClintock 1972b).

*Cens Cat* **3, 4, 8, 9, 21**.

All records:

- 3** Toormore, W of Schull (Skull) 1963 on grassy roadside, also 1964, 1979 (Scannell 1964a, **BEL, DBN**); still there 1992 (Ó Críodáin 1992, **TCD**).  
**4** Lombardstown, W of Mallow c.1964, 1967 (Farragher 1968, but in **4** not **5**).  
**8** Patrickswell, Croom and Newcastle West 1965, in old permanent pasture (O'Sullivan 1967, **DBN**). SE of Pallas Grean 1997, by main road (Reynolds 1998d), also 1998. About 4 km WSW of Croom 2000, numerous plants on compacted gravelly soil beside unoccupied house, also on adjacent roadside (**SR, DBN**).  
**9** Near Slievecarran 1966 (Booth 1967, **DBN**). Cleedagh Bridge, Spanish Point 1988 (Reynolds & Sheehy Skeffington 1989, **DBN**).  
**21** \* Ringsend 1906 (McClintock 1972b, Scannell 1972, 1973b, **K**).

**Anthoxanthum** L.

**A. aristatum** Boiss. (*A. puelii*)

**Annual Vernal-grass**

Cork, Old Ballyhooly Road on walls, probably 19th C (**DBN**).

**Phalaris** L.

**P. arundinacea** L. var. **picta** L.

**Gardener's Garters**

**21** Occasional garden discard (*FDub 1998*).

**P. canariensis** L.

**Canary-grass**

Infrequent casual; mainly on disturbed ground including roadsides, rubbish dumps and at ports; also in arable land (Farragher 1998); sometimes originating from birdseed.

\* Near houses and gardens, occasional (*Cyb 1866*).

*Cens Cat* **1, 2, 6, 8, 12, 20, 21, 23, 24, 28, 33, 36-40**. Also **4, 13, 17, 31**.

Additional vice-county records:

- 4** Suburb of Cork City 1991 (Scannell 1992, **DBN**).  
**13** In arable land (Farragher 1998).



17 Lettera 1988 (Norton 1997).

31 Dominant in a field of barley (Farragher 1998).

**P. minor** Retz.

**Lesser Canary-grass**

Rare arable weed, at one location in each of four eastern counties in 1990s; infesting particularly cereal crops; freely seeding, tangling in farm machinery, difficult to eradicate and potentially a more widespread problem weed. Probably introduced with high protein cattle feed in Co. Meath; formerly introduced with foreign grain at Guinness Brewery in Dublin.

12, 19-22, 38/39, 39.

12 Kilrane near Rosslare Harbour 1998, in cereal crop (Mhic Daeid & Reynolds 1999).

19 Coursetown, Athy 1999, in malting spring barley and sugar beet crops (H. Fox, **DBN**).

20 NE of Ballinglen 1999, one plant seen in reseeded field (Reynolds 1999c, **DBN**).

21 Guinness Brewery 1944 (as *P. canariensis* in Bruncker 1944b, **DBN**).

22 Moydorrugh townland SW of Nobber 1993-98, in barley fields (Mhic Daeid & Reynolds 1999, **DBN**).

38/39 Belfast 1923 (**BEL**).

39 \* Stranmillis Road, Belfast 1915, rubbish heap; det. T.B. Ryves (**DBN**).

**P. paradoxa** L.

**Awne Canary-grass**

Rare casual; no modern records; introduced with grain.

19, 21, 38.

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

21 Guinness Brewery 1944 (as *Setaria viridis* in Bruncker 1944b, **DBN**).

38 Near Ballymacarrett Halt 1915-16, waste ground (Carrothers 1916, **BEL**).

**Agrostis** L.

[*A. curtisii* Kerguelen (*A. setacea*)

Bristle Bent

Two specimens in **DBN** (Knockagh 1886; Rathcormack, Co. Cork 1929) redetermined by T.B. Ryves as *A. canina* L. subsp. *montana* (Hartm.) Hartm. (*A. vinealis* Schreb.); record of *A. curtisii* not confirmed (see Ryves *et al.* 1996).]

**A. scabra** Willd.

**Rough Bent**

36 Near Lough Fingrean reservoir, NE of Omagh 1990, hundreds of plants forming colonies on margins of gravelled lane, with *Alopecurus geniculatus* L. and *Persicaria hydropiper* (L.) Spach; source of introduction unknown; voucher specimen deposited in **E** (J. Harron).

**Calamagrostis** Adans.

**C. epigejos** (L.) Roth

**Wood Small-reed**

Only found at Dublin Port; *C. epigejos* is also a rare native species, protected in

Republic of Ireland by Flora (Protection) Order, 1999; however, most unlikely to be of Irish origin at the port where it was possibly introduced with soil attached to a shipping container; this species is becoming a weed in N America and elsewhere.

**21** Dublin Port 1999, but probably there for several years as it was well established beside stacked shipping containers (Reynolds 1999c, **DBN**); still there 2000-01, but not spreading.

**Gastridium** P. Beauv.

**G. phleoides** (Nees & Meyen) C.E. Hubb.

**Eastern Nit-grass**

**11** Bennettsbridge 1906, casual (**DBN**).

[*G. ventricosum* (Gouan) Schinz & Thell. (*G. australe*)

Nit-grass

**11** Bennettsbridge 1906; Irish record queried in Ryves *et al.* (1996), and specimen in **DBN** since redetermined by T.B. Ryves as *G. phleoides* (see entry above).]

**Lagurus** L.

**L. ovatus** L.

**Hare's-tail**

Established on sand at Rosslare Harbour, Co. Wexford and near the Pigeon House, Dublin; rare casual elsewhere.

**12, 21.**

**12** Rosslare Harbour since early 1980s, naturalized on sandy beach (Reynolds 1994c, 1996a, **DBN**); possibly introduced with ferry traffic from NW France.

**21** \* Salthill (in Dun Laoghaire) 1874 (**TCD**). Dublin City since 1973 (*FID* 1984, Reynolds 1994c, 1997e, *FDub* 1998, **DBN**). Just E of Pigeon House 1998; well naturalized in sandy ground there 2001 (SR).

**Apera** Adans.

**A. spica-venti** (L.) P. Beauv. (*Agrostis spica-venti*,

*Anemagrostis spica-venti*)

**Loose Silky-bent**

Rare casual; introduced with grain at Dublin Port.

**21** Near Sandymount 1859 (*Cyb* 1866, Parnell & Webb 1991, **TCD**). Dublin Port 1994-96 (Reynolds 1996b, 1997e, 1998c, **DBN**). St James' Hospital 1998, waste ground (D. Kelly, **TCD**).

**Polypogon** Desf.

[*P. fugax* Nees ex Steud.

**20** Near Kiloughter 1858, sea shore (**DBN**); good specimen, but location given by David Orr may not be reliable (see Praeger 1949).]

**P. monspeliensis** (L.) Desf.

**Annual Beard-grass**

Rare casual; no modern records; introduced with grain at Dublin and Belfast breweries.

**5, 8, 21, 38, 39.**

**5** \* Saleen 1893 and Corkbeg 1897, on strands (*Cyb 1898*).

**8** Limerick 1900-01, docks and waste ground (Praeger 1900c, **DBN**).

**21** North Bull 1894, introduced with seeds (Scully 1895a, **DBN**). Cabra 1922, roadside (Brunker 1922). Guinness Brewery (Brunker 1940, 1944b).

**38** Belfast 1915, at several sites including distillery waste ground (Carrothers 1916, *FNE 1938, FNE 1992, BEL*). Victoria Park, Belfast 1927 (Chase 1927b, **BEL**).

**39** Stranmillis Road, Belfast 1915, rubbish heap (**DBN**).

**P. viridis** (Gouan) Breistr.

**Water Bent**

**21** Richmond Road, Fairview, Dublin 1998-2000, scattered along base of walls, self-seeding (C. Breen and P. Grant, **DBN**).

### **Alopecurus L.**

**A. bulbosus** Gouan

**Bulbous Foxtail**

**21** Ringsend Park 1906, waste ground; det. T.B. Ryves (**DBN**); record confirmed (see Ryves *et al.* 1996).

**A. myosuroides** Huds. (*A. agrestis*)

**Black-grass**

Rare casual or arable weed.

**3, 4/5, 5, 8, 12, 15, 21.**

\* 19th C records from **4/5, 5, 12** and **15** (*Cyb 1866, Cyb 1898*).

**3** Carrigskullihy 1999, potato field (P. Green).

**8** Foynes Port 1999 (Reynolds 1999c, **DBN**).

**21** South Lotts by River Dodder 1906 (**DBN**). Near Corduff Hall 1985, cabbage field; Luttrellstown 1991; Dublin Port 1994-95 (Reynolds 1996b, 1997e, *FDub 1998, DBN*). Near Milltown c.4 km W of Clondalkin 1998, plentiful on road edge beside wheat field (Mhic Daeid & Reynolds 1999).

### **Bromus L.**

**B. arvensis** L.

**Field Brome**

Formerly a rare casual in cultivated ground and elsewhere; 19th C records for **4, 14, 21** and **39** (*Cyb 1866, Allin 1883, FNE 1888, Cyb 1898*).

**B. lepidus** Holmb. (*B. britannicus*)

**Slender Soft-brome**

Probably introduced (*Cens Cat*).

Rare casual, formerly widespread; perhaps introduced with grass seed by new road near Bray, Co. Wicklow 1994 (SR); other recent records from Co. Derry (*FNE 1992*).

*Cens Cat* **1-3, 5, 6/11, 9, 10, 12-14, 16, 18-27, 30, 31, 33-35, 37-40.**

**B. pseudosecalinus** P.M. Sm.

**Smith's Brome**

Rare grass; "a recently recognized species" (Webb 1977); specimens

determined by P.M. Smith.

*Cens Cat* **9, 23, 25**.

All records:

**9** Near Glencolumkille House, N of Kilkee 1955 (Smith 1973, **TCD**).

**23** \* Knockdrin near Mullingar 1894, meadow (Smith 1973, **DBN**).

**25** No details (Scannell & Synnott 1989).

**B. secalinus** L.

**Rye Brome**

Rare casual; recent records of single plants from Belfast and Dublin Port only; formerly also in arable land, but never common; probably introduced with agricultural seed or grain.

\* Cornfields, rare and probably sown with the crop (*Cyb 1866*).

*Cens Cat* **1-6, 8, 12, 20, 21, 31, 35, 36, 38-40**. Also **19, 34**.

Post-1970 and additional vice-county records:

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

**21** Dublin Port 1995 (Reynolds 1997e, **K**).

**34** Buncrana 1906 (**DBN**).

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

**Anisantha** K. Koch

**A. diandra** (Roth) Tutin ex Tzvelev (*Bromus diandrus*, *B. maximus*)

**Great Brome**

Established and locally abundant on the N Co. Dublin coast and at Rosslare Harbour in Co. Wexford, casual elsewhere; mainly in sandy and disturbed ground by the sea, and on roadsides; freely seeding; most records date from the early 1980s on. Old records of *Bromus diandrus* in *Cyb 1866* refer to *A. madritensis* (see next entry).

**6, 12, 21, 37**.

**6** Kilbeg W of Tramore 1998, and several other places along the same road (P. Green).

**12** Top of sandy beach at Rosslare Harbour since 1980s (Reynolds 1996a, **DBN**).

**21** \* Royal Canal 1894, and near pond between Sutton and Howth 1905, on dry banks; det. T.B. Ryves (**DBN**). N Co. Dublin coast since 1982, e.g. at Rogerstown, Rush and Corballis (Doogue 1988, *FDub 1998*, **TCD**). National Botanic Gardens 1982, 'meadow' under trees near vegetable garden; det. L.M. Spalton (**DBN**).

**37** Loughgall Manor 1982, one plant in winter rye crop (Dawson 1983).

*A. madritensis* (L.) Nevski (*Bromus madritensis*)

**Compact Brome**

Probably introduced (*Cens Cat*).

Still established around Carrick-on-Suir, especially on walls of the castle, where it has been known since 19th C (as *Bromus diandrus* in *Cyb 1866*; *Cyb 1898*), rare elsewhere; on walls and waste ground; formerly a casual in Dublin (*FDub*

1904).

*Cens Cat* **6, 7, 21**. Also **12**.

Additional and post-1987 records:

- 6** Waterford City 1998, abundant on bridge over John's River, on waste ground and around car park (P. Green). Greenan 2001, plentiful (Green 2002), and Portnaboe 2001, also on waste ground (P. Green).
- 7** Carrick-on-Suir 2001, on walls and grass road verges about the old castle (P. Green).
- 12** Tintern Abbey 1989-90 and Clonmines Abbey, Wellingtonbridge 1990, on wall tops of ruins (**DBN**).

**A. rigida** (Roth) Hyl.

**Ripgut Brome**

This taxon is considered difficult to separate from *A. diandra* and dubiously distinct (Ryves *et al.* 1996, Stace 1997). A specimen collected at Rush 1983, from the same area in Co. Dublin where *A. diandra* was recorded (see above), was determined by L.M. Spalton as *A. rigida* (**DBN**).

**A. tectorum** (L.) Nevski (*Bromus tectorum*)

**Drooping Brome**

Rare casual; recent introduction with seed mixture; formerly introduced with grain.

**4, 19, {21}, 39.**

- 4** \* Cork City 1891, rubbish heap by River Lee near distillery, "in great abundance" (Scully 1895b, **DBN**); still thriving at Scully's site (Holland 1918).
- 19** Near Straffan 1904, hen run by canal (Knowles 1906, **DBN**).
- {21} Trinity College 1994, on bank sown with seed mixture (**TCD**); still there 2001 (D. Kelly).}
- 39** Belfast 1893/94, waste ground near distillery/flour mill (Stewart & Praeger 1894-95).

**Ceratochloa** DC. & P. Beauv.

**C. carinata** (Hook. & Arn.) Tutin (*Bromus carinatus*)

**California Brome**

- 21** Ringsend, Dublin 1987-94, grass verge and stony soil by Pigeon House Road (Reynolds 1988b, 1996a, **BEL, DBN, TCD**).

**C. cathartica** (Vahl) Herter (*Bromus unioloides*)

**Rescue Brome**

Rare casual on waste ground; no modern records.

**8, 21, 39.**

- 8** Limerick 1900 (Phillips 1905a, **DBN**).
- 21** Dublin area (Grierson 1922).
- 39** \* Belfast 1895, near distillery (**BEL**).

**Elymus L.****E. canadensis L.**

Rare casual; no modern records.

**19, 39.**

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

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

**Hordeum L.****H. distichon L.****Two-rowed Barley**

Fairly common casual on roadsides, waste ground and at ports; also relic of cultivation. Less usual habitats were dunes near The Umbra, Co. Derry in 1977 (**BEL**), and shingle shore on Foynes Island opposite Foynes Port, Co. Limerick in 1992 (M.V. O'Brien). From discarded birdseed in a Dublin garden and probably elsewhere.

**3-6, 8, 10-12, 19-21, 31, 38-40.**

\* Victoria Park, Belfast, Co. Down, on rubbish tip (Chase 1927b).

**3** (Akeroyd 1996), **6** (P. Green), **8** (e.g. Reynolds 1997b), **21** (*FID 1984*, *FDub 1998*), **38-40** (*FNE 1992*), and in 1990s also noted in **4, 5, 10-12, 19, 20** and **31** (SR).

**H. jubatum L.****Foxtail Barley**

Rare casual on disturbed ground; probably introduced with grass seed mixture at one site; formerly also on rubbish dumps and waste ground.

**19, 21, 37-39.**

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

**21** Kimmage 1947; at three coastal golf courses 1993-94 (*FDub 1998*, **BEL**, **DBN**). {Howth 1998, in resown lawn (SR).}

**37** Craigavon 1974 (Dawson 1983).

**38** Near Ballymacarrett Halt 1915 (Carrothers 1916). Sydenham (*FNE 1938*).

**39** Stranmillis 1910 (Carrothers 1910). Fortwilliam, N Belfast 1981-83 (*FNE 1992*, **BEL**).

**H. murinum L.****Wall Barley**

Still a characteristic plant of Dublin City and suburbs, mainly at pavement edges and on waste ground (*FDub 1998*); becoming more common in Belfast (*FNE 1992*, Beesley 1995, *FBel 1997*), but not common in Cork, Limerick and Galway cities in mid-1990s; occasional elsewhere. Dublin and Wicklow plants did not key out clearly to the subspecies described in Stace (1997).

\* Dublin 18th C, and common there by mid-19th C; few other localities (*Cyb 1866*, *FDub 1904*).

*Cens Cat* **5, 7, 8, 11, 13, 15, 19-22, 25, 31, 38, 39**. Also **1, 3, 6, 36**.

Additional vice-county records:

- 1** Ballyferriter 1999, roadside (P. Green).
- 3** Bere (Bear) Island 1997, roadside (L. Wolstenholme).
- 6** Tramore 2000 (P. Green).
- 36** Cookstown, persistent in a garden for several years, and possibly arrived when car mats shaken out (I. McNeill).

**H. vulgare L.**

**Six-rowed Barley, Four-rowed Barley**

Rather rare casual from spilt grain on roadsides, disturbed ground and at ports.

**4, 8, 14, 21, 38-40.**

- 4** Near Ballinhassig 1994 (SR).
- 8** Foynes Port 1989 (Reynolds 1997b).
- 14** S of Portlaoise, by main road 1994 (SR).
- 21** \* Dublin Port and elsewhere (*FID 1984, FDub 1998*).
- 38-40** (*FNE 1992*).

**Secale L.**

**S. cereale L.**

**Rye**

Rare casual, or relic of cultivation.

**1, 9, 16, 21, 34, 38-40.**

- 1** Dingle 1964 (**DBN**).
- 9** Inisheer 1987 (**DBN**). {Cultivated on Inishmore 1976 (**DBN**), and Inisheer 1992 (**TCD**).}
- 16** \* S of Cleggan 1911, sand hills (**DBN**).
- 21** Dublin Port 1988, 1996 (Reynolds 1996a, 1998c).
- 34** \* Rossnowlagh 1911, sandy marshy ground near sand hills (Leebody 1911, **DBN**).
- 38-40** Cultivated, also casual on roadsides and disturbed ground (*FNE 1992*); not common in recent years (P. Hackney).

**Triticum L.**

**T. aestivum L.**

**Bread Wheat**

Fairly frequent casual on roadsides, waste ground, rubbish dumps and at ports; some plants with long awns, particularly noticeable at Dublin Port.

**3-6, 8, 12, 19-21, 31, 38-40.**

- \* Belfast, casual on waste heaps 1891 (**BEL**) and near distillery/flour mill 1894 (as *Aegilops caudata* in Stewart & Praeger 1894-95, **DBN**).
- 6** (P. Green), **8** (Reynolds 1997b), **20** (port at Arklow 1994, SR), **21** (*FID 1984*, Reynolds 1996a), **31** (port at Greenore 1989, SR), **38-40** (*FNE 1992, FBel 1997*), and in 1990s also noted on roadsides in **3-5, 12** and **19** (SR).

**T. spelta L.**

**Spelt**

- 21** Dublin Port 1990, one patch of many plants (Reynolds 1993, 1997e, **DBN**).

[*T. turgidum* L. Rivet Wheat  
Formerly cultivated; scattered in Ireland (Stace 1997); unconfirmed.]

### **Aegilops** L.

[*A. caudata* L.

39 Belfast 1894, near distillery/flour mill (Stewart & Praeger 1894-95); voucher specimen in **DBN** redetermined as *Triticum aestivum*.]

[*A. comosa* Sm.

19 Near Straffan 1905 (Knowles 1906); voucher specimen in **DBN** redetermined as *A. speltoides* subsp. *ligustica*.]

**A. speltoides** Tausch subsp. **ligustica** (Savign.) Zhuk.

19 Near Straffan 1905, hen run by canal, introduced with grain (as *A. comosa* in Knowles 1906); voucher specimen in **DBN** redetermined (Reynolds 1997e).

### **Cortaderia** Stapf

**C. selloana** (Schult. & Schult. f.) Asch. & Graebn.

**Pampas-grass**

Rare garden discard.

**6, 12, 38.**

**6** Tramore 2001, edge of rubbish tip (P. Green).

**12** \* (Stace 1991, 1997); Rosslare area, reported by D. McClintock (C. Stace).

**38** Tillysburn, established on waste ground, presumably from garden discard (*FBel* 1997).

### **Eragrostis** Wolf

**E. cilianensis** (All.) Vignolo ex Janch. (*E. major*)

**Stink-grass**

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

### **Spartina** Schreb.

**S. anglica** C.E. Hubb.

**Common Cord-grass**

Common around the coast; naturalized on intertidal, often estuarine, mud flats; for the history and current understanding of *S. anglica*, see McCorry *et al.* (in press); they consider the spread of this vigorous grass unlikely to continue unabated, and discuss beneficial effects versus adverse impacts. Until the recognition of a separate fertile taxon in 1957, named *S. anglica* in 1963, all records were made as *S. townsendii*, and nearly all early records are now referable to *S. anglica* (e.g. Scannell & Synnott 1972, 1989). All species of *Spartina* are prohibited by Wildlife (Northern Ireland) Order, 1985.

\* *Spartina* planted at Little Island, Cork 1925 to reclaim soft tidal mud, and subsequent spread described including a mention of self-sown plants and seeds (indicating *S. anglica*); plants also sent to Co. Clare in 1925 for use in Fergus estuary (Glavin 1947); within a few years, *Spartina* was planted elsewhere (e.g.



Praeger 1932b, 1934b, Doyle 1934); initial spread slow, but *Spartina* continued to be planted and found at new sites (e.g. Praeger 1939, 1946, Carrothers & Moon 1960, Anon. 1961a, Wallace 1962).

*Cens Cat* for *S. anglica* and *S. townsendii* s.l. **1-6, 8, 9, 12, 21, 22, 27, 31, 35, 38**. Also **40**.

Additional records:

- 5** E side of Cork Harbour 1999 (Scannell 2000a).
- 6** Tramore 1994 (BSBI). Lackaroe 1997, River Blackwater near bridge (P. Green and I. Green).
- 8** Shannon estuary (Reynolds 1988a, **DBN**), and S side of estuary from NE of Glin to Ringmoylan, late 1980s-1990s (SR).
- 9** Shannon estuary 1990 (Brady & Rich 1992).
- 12** Wexford Harbour area (FitzGerald 1996).
- 21** N Co. Dublin estuaries and North Bull Island, widespread (*FDub* 1998).
- 38** Belfast Lough; Carlingford Lough; Strangford Lough, especially W shore (*FNE* 1992, **BEL**). Dundrum Bay 1997 (Hackney 1998b).
- 40** Lough Foyle at Willsborough near Eglinton 1998/99 (I. McNeill).

**S. maritima** (Curtis) Fernald f. **dublinensis** **Small Cord-grass**  
*Cens Cat* **21**.

- 21** North Bull Island, Baldoyle and Corballis 1970s, in saltmarshes (Boyle 1976, 1977, **DBN**); not refound (*FDub* 1998).

**S. pectinata** Bosc ex Link **Prairie Cord-grass**  
Rare relic of cultivation.

*Cens Cat* **16**.

- 16** Costelloe Lodge near Costelloe 1967, in damp peaty soil (Boyle 1968, **BEL, DBN, TCD**); planted some 50 years before with other ornamentals and slowly spreading among mainly native vegetation (*FCB* 1983); still there in 1990s (Scannell & Jebb 2000).

**S. × townsendii** H. & J. Groves (*S. maritima* × *S. alterniflora*)

**Townsend's Cord-grass**

Rare sterile hybrid which cannot compete with *S. anglica* where they occur together on coastal mud; see McCorry *et al.* (in press).

**21**, [40].

- 21** North Bull Island, probably planted c.1934 with *S. anglica*; specimens collected in 1957 were determined by C.E. Hubbard; declining by early 1970s (Boyle 1977, **BEL, DBN**); not refound (*FDub* 1998).

[40 Carrickhue, Lough Foyle, planted 1933, refound 1978-79 (Hackney 1980a, **BEL**); identity not confirmed (*FNE* 1992).]

**Panicum L.****P. capillare L.****Witch-grass**

Rare casual; no modern records.

**8, 19.**

**8** \* Limerick 1894 (**DBN**). Limerick 1900, docks and disused quarry (Praeger 1900c, **DBN**).

**19** Near Straffan 1904, hen run by canal, introduced with grain (Knowles 1906, **DBN**); specimen of *P. miliaceum* from the same place redetermined as *P. capillare* (**DBN**).

**P. miliaceum L.****Common Millet**

Rare casual; probably introduced with grain at Dublin Port, and possibly from discarded birdseed on rubbish dumps.

[19], **20, 21, 38, 39.**

[19] Near Straffan (Knowles 1906); voucher specimen redetermined as *P. capillare* (**DBN**).]

**20** Bray 1972, rubbish dump (Carvill & Curtis 1973, **DBN**).

**21** Dublin Port 1990; Ballyogan tiphead 1995; Ringsend 1997, pavement edge (Reynolds 1993, 1997e, 1998c, **DBN**).

**38** \* Near Ballymacarrett Halt 1915, waste ground (Carrothers 1916). Ormeau Park 1928 (*FNE 1938*, **BEL**).

**39** Islandmagee 1984, farmyard (*FNE 1992*).

**Echinochloa P. Beauv.****E. colona (L.) Link****Shama Millet**

Rare casual.

**21, 38.**

**21** \* Dublin Port 1999, one plant (Reynolds 1999c, **DBN**), probably introduced with grain.

**38** Newtownards town centre 2000, single plant; also in a garden from birdseed (Day 2001).

**E. crus-galli (L.) P. Beauv. (*Panicum crus-galli*)****Cockspur**

Rather rare casual; at ports, on roadside, former dump and waste ground, also in cultivated ground.

*Cens Cat* **12, 20, 38, 39.** Also **6, 8, 21.**

All records:

**6** Waterford City 2001, waste ground (P. Green).

**8** Foynes Port 1990; SE of Foynes 1992, roadside (Reynolds 1993, **DBN**). Foynes Port 2001 (**DBN**).

**12** \* Near Camolin 1847 (*Cyb 1866*). Enniscorthy 1865 (*Cyb 1898*).

**20** Arklow 1966, among carrots (Chuter 1967, **DBN**).

**21** National Botanic Gardens, Glasnevin 1984, weed (**DBN**). Dublin Port, occasional 1988-96 (Reynolds 1990, 1992c, 1993, 1998c, **DBN**), also 1998,

2001.

- 38** Campbell College 1934, in potato field (Chase 1934b). Near Tillysburn roundabout 1989, disturbed ground incorporating former rubbish dump (Hill 1992).
- 39** Belfast 1894, near distillery/flour mill, introduced with imported grain (Stewart & Praeger 1894-95, **DBN**).

**E. frumentacea** Link**White Millet**

- 21** Beside Botany Department, Trinity College, Dublin 1990, one large plant; det. T.B. Ryves (SR).

**Setaria** P. Beauv.**S. italica** (L.) P. Beauv.**Foxtail Bristle-grass**

- {**21** Grown from packet of mixed grass seed 1990, with *S. verticillata* (L.) P. Beauv. (C. Brady); confirmed by T.B. Ryves.}
- 38** Near Ballymacarrett Halt 1915, casual on waste ground (Carrothers 1916).

**S. pumila** (Poir.) Schult. (*S. glauca*)**Yellow Bristle-grass**

Rare casual; probably introduced with grain at Dublin Port.

**19, 21, 38, 39.**

- 19** \* Near Straffan 1904, hen run by canal, introduced with grain (Knowles 1906, **DBN**).
- 21** Dublin area 1921 (Grierson 1922). Dublin Port 1990 (Reynolds 1993, **DBN**).
- 38** Near Tillysburn roundabout 1989, reseeded ground incorporating former rubbish dump (Hill 1992, **BEL**).
- 39** Beside Fortwilliam golf course 1994, in open soil (*FBe1* 1997, **BEL**).

**S. viridis** (L.) P. Beauv.**Green Bristle-grass**

Infrequent casual; most records made in late 1980s and in 1990s, mainly in S half; ports, roadsides and disturbed ground; introduced with grain and animal feed; often with *Amaranthus retroflexus*, but not as frequent or persistent; self-sown patches at one site W of Foynes for six consecutive years (Reynolds 1996b). In a Co. Down garden 2000 from birdseed (Day 2001).

**2, 6-8, 10-12, 14, 18-21, 38, 39.**

- 2** S of Tarbert 1989 (Reynolds 1992c). E of Tarbert 1990 (SR).
- 6** E of Cappoquin 1989 (Reynolds 1992c). Near Tallowbridge and NW of Dungarvan 1997 (P. Green).
- 7** Cashel; W of Kilfeacle; near Bansha; all 1989 (Reynolds 1992c).
- 8** Foynes Port, most years 1984-2001; roads to E, S and W of Foynes, near Newcastle West and Kilmallock, Limerick City and roads to S and W of city, occasional 1989-95 (e.g. Reynolds 1988a, 1990, 1992c, 1993, 1996b, 1997b, 1997e, Reynolds & Reynolds 1992, **DBN**).
- 10** NE of Birdhill; near Monard; Roscrea; all 1989 (Reynolds 1992c). NE of Birdhill 1990 (SR).

- 11** Rosbercon 1988 (Kelly 1990a, **TCD**). Rosbercon and N of Waterford City 1989 (Reynolds 1992c, **DBN**), also near the ports at Rosbercon 1993 and Waterford 1994 (SR). Inistioge 1990 (R. FitzGerald). Thomastown 1990 (SR).
- 12** New Ross 1989 (Reynolds 1992c, **DBN**). Bennettsbridge 1990 (R. FitzGerald). Enniscorthy 1990 (N. Tirard). Clonroche 1990 (R. FitzGerald), 1994 (Reynolds 1996b), also 1995 (SR). Killurin, WNW of Wexford town 2001, on dump (R. Goodwillie).
- 14** Abbeyleix 1989 (Reynolds 1992c).
- 18** Moneygall 1989 (Reynolds 1992c), also 1990.
- 19** Near Straffan 1904-05, hen run by canal (Knowles 1906, **DBN**). Kildare town 1989 (Reynolds 1992c, **DBN**). Monasterevin 1990 (**DBN**).
- 20** Just S of Arklow 1990 (SR).
- 21** \* Clonliffe 19th C (**DBN**). Dublin area 1921 (Grierson 1922). Dublin Port, occasional 1988-2001 (e.g. Reynolds 1990, 1992c, 1996a, 1998c, 1999c, **DBN**, **RNG**). Ringsend 1990 (*FDub* 1998).
- 38** Near Ballymacarrett Halt 1915 (Carrothers 1916). Near Tillysburn roundabout 1989, reseeded ground incorporating former rubbish dump (Hill 1992, **BEL**).
- 39** \* Belfast 1893/94, near distillery/flour mill (Stewart & Praeger 1894-95).

### **Digitaria** Haller

- D. sanguinalis** (L.) Scop. (*Panicum sanguinale*) **Hairy Finger-grass**  
Rare casual; early records not substantiated (e.g. Druce 1932, Webb 1952).  
**39** Entrance to Falls Park 1975 (*FNE* 1992).

### **Sorghum** Moench

- S. halepense** (L.) Pers. (*Andropogon halepensis*) **Johnson-grass**  
**21** Guinness Brewery 1943, stable yard; "from Indian grain or possibly brought from the aviary at the dispensary by sparrows" (Brunker 1944b, **DBN**).

### **Zea** L.

- Z. mays** L. **Maize**  
Rare casual. Only seeds found at Limerick docks 1990 (SR).  
**21** Dublin Port and N end of Sandymount Strand 1995 (Reynolds 1997e).  
Dublin Port 2000, S end of Bond Road in cracks and at pavement edge (SR).

## **BROMELIACEAE**

### {**Fascicularia** Mez

- F. bicolor** (Ruíz & Pav.) Mez (*F. pitcairniifolia*) **Rhodostachys**  
Co. Donegal, behaves as if it might "jump the fence" from gardens; produces lateral rosettes which build up substantial colonies rapidly (Nelson 1994).}