

CATALOGUE OF ALIEN PLANTS

CLUBMOSES

SELAGINELLACEAE

Selaginella P. Beauv.

S. kraussiana (Kunze) A. Braun

Krauss's Clubmoss

Occasional garden or greenhouse escape, mainly in S and SW; established by streams and rivers, in lawns and woodland, particularly in former demesnes and gardens.

* Belfast 1955, spreading in lawns (*FNE 1992*); Inishannon, W Cork 1957, in plantation beside river (Wallace 1959b); earlier record at Tullaghan, Co. Leitrim not confirmed (Lee 1917, Praeger 1929a, 1932b).

Cens Cat **1, 3, 5, 12, 13, 16, 20, 27**, [29]. Also **2, 4, 6, 21, 38, 39**.

Post-1970 and additional vice-county records:

- 1** Along Roughty River; Coláiste Íde 3 miles (c.5 km) from Dingle 1976, by avenue (O'Mahony 1980, **DBN**). Dunloe Castle Hotel 1981; persistent in the grounds, 2001 (J. O'Malley).
- 1/2** Just S of Killorglin and River Laune 1992, in alder carr (J. O'Malley); widespread in the wood there (Carruthers 1998).
- 2** Killarney National Park, Knockreer demesne c.1995 (T. Hodd).
- 3** Inacullin Garden, Garinish Island 1999, weed (Green 2000b). Kilmaloda Bridge on River Argideen 1999 (O'Mahony 2000b). Bantry House demesne 2000 (O'Mahony 2001c).
- 4** University College, Cork 1997, near S channel of River Lee (O'Mahony 1998).
- 5** Ashbourne House Hotel, Glanmire 1980 (**DBN**). Fota House demesne 1986, 2000, small quantity in lawns (O'Mahony 2001c).
- 6** Dunmore East 1998, much in grass on N side of church; Cappoquin House and Lismore Castle 2000, in lawns; Annestown 2000, small patch in churchyard (P. Green).
- 13** Lisnavagh 1980, lawn (**DBN**).
- 20** Powerscourt demesne 1972 (Carvill & Curtis 1973), also 1996, established along ditches (SR); first seen there 1964 (**DBN**). Mount Usher gardens, Ashford 1973 (**DBN**).
- 21** Massey (Massy) Woods, SW of Rockbrook early 1980s, 1994, by stream beside walled garden (Reynolds 1996b, *FDub 1998*), also 1999 (SR).
- 27** Old Delphi Lodge 1974 (**DBN**).
- 38** Annesley Arboretum at Castlewellan 1992 (*FNE 1992*).
- 39** Malone Road, Belfast c.1972, lawn (*FNE 1992*).

FERNS

PTERIDACEAE

Pteris L.

P. cretica L.

Ribbon Fern

21 Parnell Street, Dublin City 1981, under grating; commonly cultivated house plant (*FID 1984*, **DBN**).

POLYPODIACEAE

{**Phymatosorus** Pic. Serm.

P. diversifolius (Willd.) Pic. Serm. (*Phymatodes diversifolia*) **Kangaroo Fern**

1 Rossdohan garden, spreading vegetatively (Walker 1983).}

CYATHEACEAE

{**Cyathea** Smith

C. dealbata (J.R. Forst.) Sw.

Silver Tree-fern

1 Rossdohan and other gardens, reproducing freely and competing successfully (Nelson 1979, Walker 1983).}

DICKSONIACEAE

Dicksonia L'Hér.

D. antarctica Labill.

Australian Tree-fern

Garden plant, apparently establishing itself in parts of S Kerry.

1, {38}.

1 Woods W of Knightstown, Valencia Island 1960, in competition with native plants (Clement 1981). Rossdohan and other gardens, reproducing freely and competing successfully (Nelson 1979, Walker 1983). Previously noted as thriving in Kerry gardens (Praeger 1934b).

{38 Planted in a few gardens on the coast (*FNE 1992*).}

ASPLENIACEAE

Asplenium L.

A. fontanum (L.) Bernh.

Smooth Rock-spleenwort

39 Cave Hill near Belfast in 19th C, presumed to be an escape from cultivation (*FNE 1992*).

WOODSIACEAE

Matteuccia Tod.

M. struthiopteris (L.) Tod.

Ostrich Fern

Rare garden escape or relic of cultivation; established in damp woodland by Lough Neagh, competing with natural vegetation.

* Massereene, NE Lough Neagh since at least 1928, spreading beyond the gardens of Shane's Castle (Carrothers 1948a, 1948b, 1964).

Cens Cat **29, 39**. Also **40**.

Post-1970 and additional vice-county records:

29 Lough Rynn House, Mohill 1973, near old castle (Scannell & McClintock 1974, **DBN**).

39 Still in woods at Massereene by Lough Neagh (Harron 1986, *FNE* 1992, **BEL**).

40 Roe Valley Country Park 1976, abandoned garden (*FNE* 1992, **DBN**), also 1979 (**BEL**).

DRYOPTERIDACEAE

Polystichum Roth

P. munitum (Kaulf.) C. Presl

Western Sword-fern

Persistent at one site; originally planted or rare garden escape.

20 Laneside bank near bridge in Glendalough village 1985 (Wyse Jackson 1995, **TCD**); previously found in same area 1917, 1926 (**DBN**) and 1951 (**TCD**).

Cyrtomium C. Presl

C. falcatum (L. f.) C. Presl

House Holly-fern

Rare garden escape.

3, 5.

3 * W of Schull pier 1983, crevice in cliff face at about extreme high tide level (Cullinane & Crowley 1985, **DBN**).

5 Cork City 2000, single stunted clump on railway boundary wall (O'Mahony 2001c).

Dryopteris Adans.

D. cristata (L.) A. Gray (*Aspidium cristatum*, *Lastrea cristata*)

Crested Buckler-fern

7 Rathronan near Clonmel pre-1836 (Parnell & Webb 1991, **TCD**); this record of Mackay's had been discounted in *Cyb* 1866.

{**D. submontana** (Fraser-Jenk. & Jermy) Fraser-Jenk. (*Lastrea rigida*)

Rigid Buckler-fern

31 Townley Hall, W of Drogheda pre-1859; planted on clay-slate wall (*Cyb* 1866, Parnell & Webb 1991, **TCD**).

BLECHNACEAE

Blechnum L.

B. cordatum (Desv.) Hieron. (*B. capense*, *B. chilense*, *B. magellanicum*)

Chilean Hard-fern

Rare garden escape; usually established close to where originally planted.

Cens Cat 1, 3. Also 38.

All records:

- 1 * Near Cloonee Loughs, SW of Kenmare 1952, single plant (Welch 1953). Dingle 1968 (**DBN**). Rossdohan garden, long established by vegetative spread (Walker 1983).
- 3 * Glengarriff 1952, naturalized (Welch 1953). Glengarriff 1977, near Reenmeen Bridge below a house (**DBN**).
- 38 Crawfordsburn Park c.1971, planted and established by stream; Castlewellan Forest Park 1990, in arboretum (*FNE* 1992).

{**Woodwardia** Sm.

W. radicans (L.) Sm.

Chain Fern

- 1 Rossdohan garden, reproducing vegetatively and by spores, and competing successfully (Nelson 1979, Walker 1983.)

AZOLLACEAE

Azolla Lam.

A. filiculoides Lam. (*A. caroliniana*)

Water Fern

Occasional escape from cultivation, apparently becoming more widespread; established in flowing and still, fresh and brackish water; also persistent in garden ponds; introduced as an aquatic plant for ponds and aquaria; potentially a troublesome weed, although the quantity at a site fluctuates from year to year (e.g. Wolfe-Murphy 1997, Lucey 1998).

Cens Cat 4, 5, 20, 22. Also 12, 21, 36-39.

All records:

- 4 Lough of Cork, 8 miles (c.13 km) W of Queenstown (Cobh) Junction, first seen there 1934 (Praeger 1946). Marsh by Tramore River, N of Frankfield c.1950 (**DBN**). Lee Fields 1970s, 1995; Clogheenmilcon marsh, Blarney 1995 (O'Mahony 1996).
- 5 * Near railway between Little Island and Glounthaune 1907, plentiful in large pond (**DBN**). Near Queenstown (Cobh) Junction 1911, plentiful in brackish water having spread from adjoining garden (Druce 1911, 1912). Little Island 1974, 1995 (O'Mahony 1996). Little Island 1994-95, and Great Island since 1994 (Lucey 1998). Castlemartyr demesne 1994, artificial lake (M. Scannell). Dower Lough near Castlemartyr 1999; Ballybutler Lough (Scannell 2000a).
- 12 Inish and Ballyteige Slob, Duncormick, 700 m S of Yaletown Bridge 1997 (**DBN**).
- 20 {Mount Usher garden, Ashford (Pim 1893).} Buckronev marsh 1949, considered a deliberate introduction (Brunker 1949); pond in Buckronev sand dunes 1965 (**DBN**).
- 21 [Near Dublin c.1904 (record in Simpson (1960, p. 413) from an unavailable publication).] Grand Canal and several ponds since early 1980s (*FDub* 1998, **DBN**).

- 22 S of Drogheda 1957 (Wallace 1959a, but 22 not 31).
 36, 37, 39 Lough Neagh 1988, washed up on the shore (Weyl *et al.* 1989).
 37 S of Derrytrasna 2001, ditch (I. McNeill).
 38 Clondeboye Lake 1985, introduced there (*FNE 1992*).
 38, 39 River Lagan in Belfast 1995-96 (Wolfe-Murphy 1997, *FBel 1997*).
 39 Dunore Point, Lough Neagh 1990, small ponds (*FNE 1992*).

CONIFERS

PINACEAE

Although plantations of conifers in this family are widespread, there are relatively few published records of self-sown trees in the wild. First or early records are not indicated except for *Pinus sylvestris*.

Abies Mill.

A. alba Mill.

European Silver-fir

Self-sown in plantations, rarely elsewhere. Saplings common in demesne woods in many parts of the country (Webb 1979).

6, 29, 30, 40.

6 Barranalira 2000, self-sown in plantation (P. Green).

29 NE shore of Lough Allen 1988, sapling remote from seed source; det. P.D. Sell (**TCD**).

30 Skeagh Lough 1968 (Reilly 2001); correct date 1968, not 1986 (P. Reilly).

40 Ness Wood, regeneration of *A. alba* from originally planted trees in oak-dominated woodland; affecting the aesthetic appearance rather than posing a severe threat (Binggeli & Crute 1990, Rushton 1990).

{**A. grandis** (Douglas ex D. Don) Lindl.

Giant Fir

Regenerates freely and potentially capable of becoming naturalized (*FNE 1992*).}

Pseudotsuga Carrière

P. menziesii (Mirb.) Franco

Douglas Fir

6 Knockroe 2000, self-sown (P. Green).

Tsuga (Antoine) Carrière

T. heterophylla (Raf.) Sarg.

Western Hemlock-spruce

Rarely self-sown in the wild. Regenerates freely and potentially capable of becoming naturalized (*FNE 1992*).

6 Lyre Bridge N of Cappoquin 1997, several self-sown on track by river (P. Green and I. Green). Glenmore, WNW of Lismore 2000, self-sown (P. Green).

Picea A. Dietr.**P. abies** (L.) H. Karst.**Norway Spruce**

Rarely self-sown in the wild.

2, 6.**2** Killarney National Park 1986, self-sown saplings (Kelly 1988).**6** Self-sown at several sites (P. Green).**P. sitchensis** (Bong.) Carrière**Sitka Spruce**

The most widely planted species for forestry; regenerates freely; numerous saplings usually adjacent to plantations, and scattered plants occasionally some distance away, on blanket bog, roadsides and in quarries. Details of vice-county distribution not known as there are few published records.

2, 6, 8, 20, 21, 30, 32, 36, 38-40.**2** Killarney National Park 1986, self-sown saplings (Kelly 1988).**6** Laurel Bridge area SE of Clonmel 1987, seedlings and saplings (D.A. Webb).**8** Near Combaun Wood, S side of Galtee Mountains 1997; E side of Slieveveagh 1998, in quarry near forestry; S of Montpelier 1998, etc. (SR).**20** Glenmalure valley 1995, many self-sown saplings on gravel track beside plantation; SE of Hollywood 1999, roadside; Mucklagh Bridge 1999, etc. (SR).**21** Occasionally self-sown in and around plantations (*FDub 1998*).**30** Skeagh Lough 1968; Slieve Rushen 1997 (Reilly 2001).**32, 36** Self-sown; no details (I. McNeill).**38-40** Regenerates freely and potentially capable of becoming naturalized (*FNE 1992*).**Larix** Mill.**L. decidua** Mill. (*L. europaea*)**European Larch**

Self-sown in woods and hedges (Booth 1979), and near plantations (*FDub 1998*); potentially capable of becoming naturalized (*FNE 1992*).

{**L. kaempferi** (Lindl.) Carrière (*L. leptolepis*)**Japanese Larch**Regenerates freely and potentially capable of becoming naturalized (*FNE 1992*).}**Pinus** L.**P. contorta** Douglas ex Loudon**Lodgepole Pine**

The second most important forestry species, but not nearly so commonly planted as *Picea sitchensis*; regenerates freely; saplings found adjacent to plantations and occasionally some distance away, on dry and wet bogs. Potentially capable of becoming naturalized (*FNE 1992*).

Some records of self-sown trees:

6 Cahergal 2000, along forest rides (P. Green).**8** Dromsallagh Bog NW of Cappamore 1997, and N side of Lough Gay, Mullaghareirk Mountains 1999, on wet bogs at both places (SR).

- 13** Seedlings reported by E. Booth (Clement & Foster 1994).
18 Near Pollagh, SW of Clara 1990, on cutaway bog (**TCD**).
21 Regenerating near forestry (*FDub 1998*), e.g. on Tibbradden Mountain and Two Rock Mountain 1996 (SR).
36 Divinagh bog 1998; Derrychrin 1999; also seedling trees near plantations (I. McNeill).

{**P. radiata** D. Don **Monterey Pine**
 19 Maynooth College, planted and self-sown in shelter belts (Bowering *et al.* 1995).}

P. sylvestris L. **Scots Pine**
 Common and widespread; planted in woods, parks and along boundaries; self-sown near planted trees and in a variety of natural habitats such as lake shores, boggy ground, fen and limestone pavement (Kelly 1981, 1985a, Harron 1986), and on islands in the Connemara lakes (Webb & Glanville 1962, *FCB 1983*). Formerly native in Ireland, and considered to have become extinct, then reintroduced from Scotland in 18th and 19th C.

* Reproducing abundantly on planted islands in Lough Mask, and spreading to non-wooded islands; naturalized in other places in the W (Praeger 1909a). *P. sylvestris* was not included in *ITB 1901*, but listed as self-sown in at least 15 vice-counties in Praeger's (1934b) Census List. It played an important part in the early afforestation programme, then fell out of favour after the Second World War (O'Driscoll 1980).

Cens Cat **2, 3, 9, 10, 14-16, 18-20, 23, 25-30, 33, 36, 37**. Also **6, 8, 39**.

Additional records:

- 6** In hedges and elsewhere, common (P. Green).
8 Foynes Island, self-sown (Reynolds & Reynolds 1992).
39 Belfast area, seedlings in plantations (*FBel 1997*).

TAXODIACEAE

{**Cryptomeria** D. Don **Japanese Red-cedar**
C. japonica (L. f.) D. Don
 5 Fota (arboretum), seeding freely (Nelson 1979).}

CUPRESSACEAE

Cupressus L. **Monterey Cypress**
C. macrocarpa Hartw. ex Gordon
 Rarely self-sown.
 {1}, **6, 8, 21**.
 {1 Rossdohan garden, reproduces freely and competes successfully (Nelson 1979).}
6 Tramore Burrow 1997, solitary tree, probably self-sown (P. Green and I.

Green).

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

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

Chamaecyparis Spach

C. lawsoniana (A. Murray) Parl.

Lawson's Cypress

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

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

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

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

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

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

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

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

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

FLOWERING PLANTS – DICOTYLEDONS

LAURACEAE

Laurus L.

L. nobilis L.

Bay

Rarely self-sown.

2, 6.

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

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

ARISTOLOCHIACEAE

[**Asarum** L.

A. europaeum L.

Asarabacca

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

NYMPHAEACEAE

{**Nuphar** Sm.

N. pumila (Timm) DC.

Least Water-lily

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