

An Outline of the Flora of Mayo

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INTRODUCTION

References to the Mayo flora have been gathered together and are here presented in the form of a bibliography and annotated botanical list. Records for the two vice-counties, East Mayo (H26) and West Mayo (H27), are included. In addition, those collectors whose names appear in the botanical literature are listed and an indication of their principal contributions to the study of the Mayo flora is given. There is a topographical index with mostly six figure grid references.

THE VICE-COUNTY BOUNDARIES

The vice-county boundaries are as defined by Praeger (1901) and clarified by Webb (1981), being essentially as illustrated in the map which forms the frontispiece to *Irish Topographical Botany* (Praeger 1901) and which was reproduced with some place-name changes in the *Census Catalogue of the Flora of Ireland* (Scannell & Synnott 1972).

A number of changes in county boundaries resulted from the Irish Local Government Act of 1898. No account was taken of the changes affecting the Mayo border by Praeger (1901) when he adapted Babington's suggestion (1859) for a division of the country for botanical recording.

Three changes in the Mayo boundary did take place as a result of the 1898 Act:

1. Part of the modern boundary between West Mayo and Connemara is further south than the older one on which the vice-county is based. The eastern slopes of Maumtrasna, including Lough Nadirkmore and all of the Owenbrin River and the shores of Lough Mask to about Churchfield, although now in Mayo for administrative purposes, belong to the vice-county of West-Galway

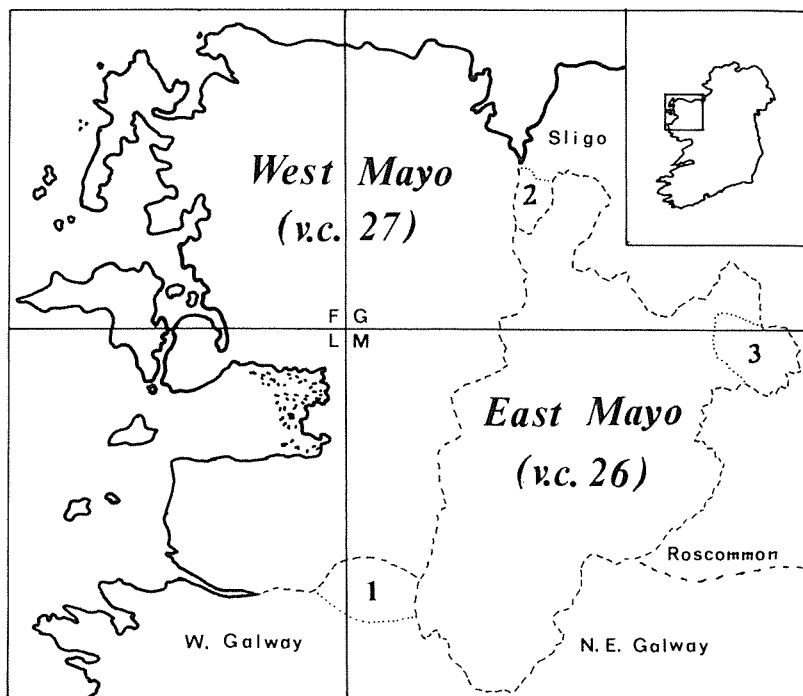


Fig. 1. The vice-counties of Mayo. The areas numbered 1, 2, 3 are those areas where the vice-comital boundaries differ from those of the modern administrative county of Mayo.

(H16), and records from this area have been included in the *Flora of Connemara and the Burren* (Webb & Scannell 1983).

2. "An area on the east bank of the River Moy opposite Ballina, transferred in 1898 from Sligo to Mayo but still in vice-county H28, Sligo" (Webb 1981). The area has not been much botanised.

3. On the east side of the county there is an area to the west of Lough Gara which has been transferred to County Roscommon but which belongs to the vice-county of East Mayo (H26). This area includes the town of Ballaghaderreen from where many of Praeger's first records for vice-county 26 were reported.

The boundary between East and West Mayo was first defined by Babington (1859). This definition was accepted by Praeger (1901). A more precise definition of the boundary was given by Webb (1981) and is repeated here:

“The line separating H26 from H27 runs from near the middle of Lough Mask to the mouth of the Cloon River at the northern end of the lake, then up this river and its tributary through Cooley Lough, Ballyhean Village and Buncam Lough to the small lake immediately west of the hamlet of Tully. From here it follows the road to Castlebar, then down the Castlebar River, across Lough Cullin and down the River Moy till it meets the former boundary with County Sligo 2½ miles above Ballina”.

THE PLANT RECORDS

The check-list is based on the published records of the flora but includes additions from a card index of plant records kept at Glasnevin for the second edition of *Census Catalogue of the Flora of Ireland* (Scannell & Synnott, in press), from the field record cards of the Botanical Society of the British Isles, and from personal field notes.

Records published in the *Atlas of the British Flora* (Perring & Walters 1962) and its *Critical Supplement* (Perring & Sell 1968) presented a special problem. Information for the atlases was collected on the BGX Grid system and all of the Irish field cards (now housed at the Irish Biological Records Centre, An Foras Forbartha) had the BGX grid reference. It has been possible to assign many of these cards to a 10km square of the National Grid, and so to include most of the *Atlas* records in the list of grid squares following each species. Closer scrutiny of the *Atlas* records may make it possible to assign many more to a National Grid square but considering the time involved in attempting this, it seems hardly justifiable at this stage.

“THINGS LEFT UNDONE”

Much work remains to be done before a *Flora of Mayo* can be written. In addition to the need for an extensive fieldwork programme, herbarium collections should be combed for unpublished records and for voucher material, literature records need to be critically assessed, individual record cards should be assigned as far as possible to the 10km squares of the National Grid, a more thorough search of the botanical literature

would undoubtedly add useful records and observations, and many observations on the botany of Mayo possibly languish in the notebooks of botanists who have visited the county.

Meanwhile it is hoped that this check-list may provide a stimulus for further work and be a useful source of reference to the botany of Mayo.

CONTRIBUTORS TO THE FLORA

A formal history of the botany of Mayo has not been attempted. However, the following annotated list may give an indication of the contributions of individuals to the botany of the county. Dates refer to entries in the bibliography; place names and plant names associated with some botanists are given. The list is essentially those names which appear in the Check-list of the Flora.

Argent, G.: (Halliday *et al.* 1967).

Babington, C. C.: Erris (1838). Vice-counties (1859).

Ball, J.: (1839). Lough Carra.

Ball, R.: (Scannell 1984).

Barnes, Mrs. —: White-flowered *Daboecia* (Webb 1970).

Barrington, R. M.: *Alisma lanceolata*.

Barry, T. A.: Discovered the iron flush at Bellacorick which contains *Saxifraga hirculus*, *Cochlearia alpina* and *Thelypteris palustris*, and the rare mosses, *Messia triquetra* and *Homalothecium nitens* (see King & Scannell 1960). *Eulogy on Western Achill* (1975).

Booth, E. M.: *Taraxacum*.

Breen, C.: *Calystegia soldanella* and *Senecio viscosus* (1975).

Brewis, Lady A.: *Taraxacum*.

Browne, P.: The *Fasciculus* (1788) contains records for 46 Mayo species and is one of the oldest documents to refer to the Mayo flora; it also contains Irish and English names for many species.

Browning, F. R.: *Hieracium hebridense*.

Cabot, D.: (1969). *Spiranthes spiralis*.

Carvill, P.: *Lathyrus japonicus*.

Colgan, N.: Mayo Highlands (1900). Irish plant names, Clare Is. (1911).

Curtis, T.: *Orchidaceae*.

Dickie, G.: (1864). Some Mayo plant records in *Fl. Ulster* — *Verbascum thapsus* and *Carex bigelowii*.

Dillwyn, H. D. B.: *Saxifraga hirculus* (Ballycastle). *Daboecia* (Corraun).

Donnelly, J.: *Sorbus hibernica*.

Doyle, G. J.: (1982; 1986). Vegetation studies. History.

Druce, G. C.: (1929; 1931). Achill.

Farran, G. P.: *Sambucus ebulus* and *Inula helenium*.

- Foot, S.: With Joseph Hooker — *Erica erigena* on Mweelrea (Mackay 1836a).
- Foss, P. J.: *Erica erigena*.
- Gainsborough, Earl of: *Trifolium micranthum*.
- Goodwillie, R.: *Lathyrus japonicus*.
- Gough, Mrs. —: *Veronica peregrina*, etc. (Praeger 1939). Halliday, G.: (*et al.* 1967). Lough Mask.
- Halliday, G.: (1967).
- Harmon, Lady: *Spiranthes spiralis*.
- Hart, H. C.: Botany of the Mayo mountains (1883).
- Heslop-Harrison, J.: (1949). *Orchidaceae*.
- Hooker, J.: With Simon Foot — *Erica erigena* on Mweelrea (Mackay 1836a).
- Hudson, H. J.: (1943).
- Ingrouille, M.: *Limonium*.
- Jackson, Miss M. F.: Records from about Cong in *Cybele Hibernica*, 2nd ed. and *Irish Topographical Botany*.
- Kane, W. deV.: Achill.
- Kelly, D. L.: (1985). *Salix*, etc., TCD.
- Kenny, S.: *Geranium pusillum*.
- Kertland, M. P. H.: (1968). *Sarracenia*.
- Kinahan, G. H.: (1871). Ferns — *Botrychium*, *Adiantum*, *Asplenium viride*.
- King, A. L. K.: (1960). Mineral flush at Bellacorick. Bryophytes.
- Knowles, M. C.: Garden form of *Saxifraga hirsuta* (Praeger 1911).
Louisburgh. DBN.
- Knox, Lady Louisa: *Erica erigena* on Achill.
- Knox, Mrs. U.: *Cichorium intybus*.
- Lambert, A. B.: *Saxifraga spathularis*, Croaghpatrick (Templeton MS).
- Lawless, Hon. Emily: *Carduus nutans*.
- Lewin, Miss A. C.: *Cichorium intybus*.
- Lindsay, Miss —: *Ranunculus trichophyllus*.
- McArdle, D.: *Callitriche hamulata*. Mweelrea.
- McClintock, D.: (1966, 1969, 1971). *Ericaceae* and various plant records.
- Mackay, J. T.: (1806, 1830, 1836a, 1836b).
- Marshall, E. S.: (1899a, 1899b, 1900). Mallaranny. Clonbur (1896).
- Melville, Prof. —: *Humulus lupulus*. Old Abbey of Mayo.
- Miller, Agatha: *Epilobium brunnescens* (Praeger 1939).
- Moon, J. McK.: *Cicendia filiformis* on Achill.
- Moore, D.: (1852, 1859, 1860). *Erica erigena*. Botany of Erris.
- Moore, Prof. J. J.: (1970). Glenamoy; International Biological Programme coordinator.
- Montford, J. O. and K. C.: *Mycelis. Erinus*.

- More, A. G.: (1860, 1889). *Erica erigena* and other records.
- More, Miss Frances M.: (1904). *Iris foetidissima*.
- Nelson, E. C.: (1979, 1982). *Ericaceae*.
- Newman, E.: (1839). Achill.
- Newton, A.: *Rubus*.
- O'Donnell, H.: DBN.
- O'Hare, P. J.: Officer in Charge, Glenamoy research station 1959-1970. Ecological study of blanket bog (1959). *Erica erigena*.
- O'Malley, J.: Serpentine form of *Asplenium adiantum-nigrum*.
- Parnell, J.: (1982). *Jasione montana*.
- Perring, F. H.: (1966) B.S.B.I. Westport Meeting. *Atlas and Critical Suppl.*
- Persse, Mrs. D. D.: *Epipactis helleborine*. Ballinrobe (Praeger 1901).
- Praeger, R. Ll.: (1898, 1900, 1901, 1903a, 1903b, 1903c, 1904, 1905, 1906a, 1906b, 1906c, 1907, 1909a, 1909b, 1909c, 1911a, 1911b, 1912, 1913, 1922, 1927, 1932a, 1932b, 1934, 1937, 1943).
- Praeger's interest in the flora of Mayo, amounting almost to an obsession, began about Easter 1898, when he spent a week in Achill. Further work on the islands was deferred until the completion of *Irish Topographical Botany*. For this latter work he has marked his itineraries on maps from Philips' *Handy Atlas of the Counties of Ireland* (c. 1886). These maps are kept at Glasnevin together with the *London Catalogues* on which are marked the field records for *Irish Topographical Botany*.
- Despite his comment on the poverty of the Achill flora he went back for a further ten days in July 1904 to complete his field-work for the *Flora of Achill*. Further studies followed of Clare Island, Inishturk, Inishkea Islands, the peninsulas of Corraun and Mullet and the coastal area of Dooaghtry, which prepared the way for the Clare Island Survey. Reports were published also of the inland areas of Lough Conn, Lough Carra and Lough Mask. In addition to his own records Praeger published notes on the Mayo flora from Mrs. Gough, Miss M. F. Jackson, W. deV. Kane, Mrs. D. D. Persse, J. Sheridan, and others.
- Rake, Dr. G. R.: *Wahlenbergia*.
- Reid, Fionola: *Epilobium pedunculare*.
- Reilly, J.: *Ranunculus auricomus* (Barrington 1877).
- Roden, C.: (1986). Mountains of Mayo and Galway.
- Rohu, R. L. C.: *Mycelis muralis*. *Polygonum bistorta*. *Lysimachia punctata*. *Calystegia soldanella*.
- Sayers, Miss —: *Erigeron acer*.
- Scannell, M. J. P.: (1958, 1972, 1982, 1984, see King 1960). *Pilularia*. *Rumex hibernicus*. Bellacorick. R. Ball and W. Thompson.
- Scourfield, D. J.: *Cephalanthera longifolia*.
- Sheridan, J.: *Erica erigena*. Achill.

- Shoolbred, A.: With Marshall 1896, Clonbur.
 Shuttleworth, R. J.: *Aquilegia*.
 Sledge, W. A.: *Thalictrum alpinum*.
 Stelfox, A. W.: *Cephalanthera* at Dooaghtry.
 Synnott, D.: (1970, 1983). Achill Beg. Bellacorick. Westport. Corraun.
Thelypteris palustris. *Malaxis paludosa*. *Saussurea alpina*.
 Teacher, Mrs. Dorothy: *Allium schoenoprasum*.
 Thompson, W.: (Scannell 1984).
 Vanden Berghen, C.: (1972). Vegetation of Achill and Corraun.
 Vowell, R. P.: *Frangula alnus*. *Carex limosa*.
 Wade, W.: *Conopodium majus*. *Nepeta cataria*. *Calamintha ascendens*.
 Wallace, W. A.: *Pyrola minor*.
 Walsh, F. E. R.: (1968). *Vicia sepium*.
 Watson, W.: *Drosera*.
 Watts, T.: *Asplenium ruta-muraria* on Achill.
 Webb, D. A.: (1948, 1952, 1953, 1954, 1957, 1959, 1969, 1970).
Saxifraga. *Erica*. *Pedicularis sylvatica* subsp. *hibernica*. *Hypericum canadense*.
 Vice-counties. Mapping. *An Irish Flora*.
 Webster, M. McCallum: *Stellaria palustris*.
 White, J.: Vegetation studies.
 White, R. M.: (1968). Corraun.
 Wynne, J.: *Arctostaphylos*.

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As a general rule only those papers which have added to our knowledge of plant distribution in the county have been listed but some historical, ecological and phytosociological papers have crept in.

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Anon. (1971) *The International Biological Programme. Irish contribution*. (Chapter 2 — The Glenamoy Project).
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Babington, C. C. (1838) On the botany of Erris. *Mag. Zool. & Bot.*, 2: 119.
Babington, C. C. (1841) On *Cuscuta epilinum*. *Trans. Linn. Soc.*, 18 (4): 563.
Babington, C. C. (1859) Hints towards a Cybele Hibernica. *Nat. Hist. Review*, 6 (2): 533-537.

- Babington, A. M. (1897)** *Memorial Journal of C. C. Babington* (cf. pp 44, 52, 92).
- Baker, J. G. (1863)** On *Hypericum lineolatum* *J. Bot.*, 1: 227-278.
- Baker, J. G. (1865)** Thirsk Botanical Exchange Club: Curator's report for 1864. *J. Bot.*, 3, 115-122.
- Ball, J. (1839)** Botanical notes of a tour of Ireland. *Ann. Nat. Hist.*, 2: 35.
- Ball, J. (1843)** *Saxifraga stellaris* (var. on Corslieve). *Ann. Mag. Nat. Hist.*, 11: 483.
- Barrington, R. M. (1877)** Plants of Ireland. *J. Bot.*, 15: 179-179.
- Barry, T. A. (1975)** The back of beyond: North-West Achill, beyond the mountains, an area of great scientific interest and extraordinary beauty. *Capuchin Annual*.
- Belfast Nat. Field Club (1895)** Report of excursion to Benmore and Murlough. *Report Belfast Nat. Field Club*, 2 (4): 165.
- Bennett, A. E. (1883)** *Saxifraga pedatifida* Sm. as a British plant. *J. Bot.*, 21: 152.
- Bennett, A. E. (1894)** Notes on *Potamogeton*. *J. Bot.*, 32: 204.
- Bennett, A. E. (1919)** *Potamogeton longifolius* in England. *Trans. Bot. Soc. Edin.*, 27: 312.
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THE FLORA LIST

Arrangement and nomenclature are according to the second edition of *Census Catalogue of the Flora of Ireland* (Scannell & Synnott, in press).

Following each species name there is a list of numbers from the series E 1-33 and W 1-62, representing the 10km squares of the National Grid, covering East Mayo and West Mayo respectively, from which the species was recorded in field-work for the *Atlas of the British Flora* (Perring & Walters, 1962), and which could with confidence be referred to a National Grid square. The numbers are arbitrary codes for the grid squares and are related to the National Grid as indicated in Fig. 3.

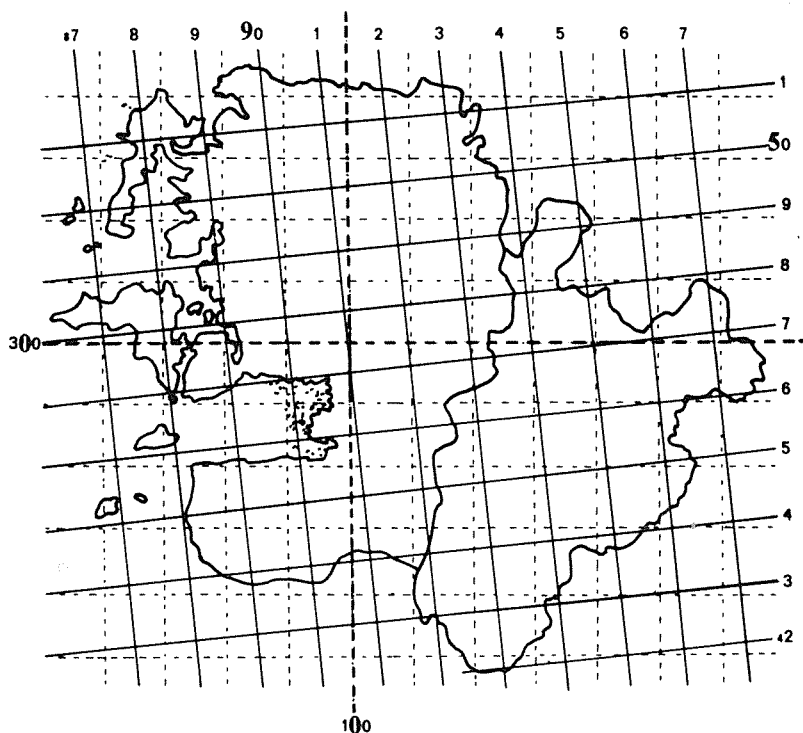


Fig. 2. British Grid Extension in relation to Irish National Grid for Mayo.

The published records for all but the commonest species are then listed, first for East Mayo and then for West Mayo. The published record is so overwhelmingly the work of R. Ll. Praeger that his name has not been used throughout and it may be taken that an unqualified record is attributable to him. My own records are indicated by an exclamation mark (!); others are attributed to the finder or recorder whose name appears in brackets. Dates are given only occasionally since it should be clear in most cases which publication is referred to from the location of the records, e.g. Clare Island (Praeger 1911), Mullet (Praeger 1905).

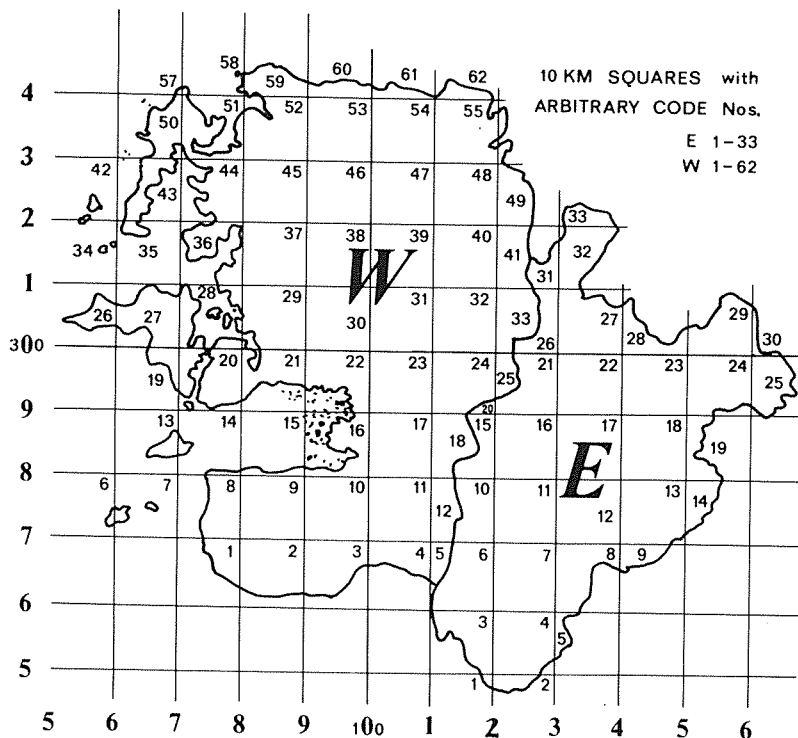


Fig. 3. Mayo, with National Grid and arbitrary code numbers (see text).

PTERIDOPHYTA

LYCOPODIACEAE

- Lycopodium clavatum* W 9, 30.
W: Bengorm (Hart).
- Lycopodiella inundata* W 5, 28.
W: Achill — Sraheens Lough. West shore of Lough Mask.
- Huperzia selago* E 18, 30.
W 2, 13, 16, 19-20, 26-27, 32, 38, 40, 47, 50, 60.
E: Glenaduff.
W: Nephin. Mullet. Achill. Clare Island.
- Diphasiastrum alpinum* W 1, 9, 20.
W: Mweelrea; Loughy; Corraun Plateau (Hart). Sheeffry (Colgan).

SELAGINELLACEAE

- Selaginella selaginoides* E 10-12, 17-18, 23, 27.
W 1-2, 7-9, 13, 17, 19-21, 23, 27, 32-33, 39-40, 47, 55-56, 62.
E: Callow. Claremorris. Lough Carra.
W: Mallaranny (Marshall). Sheeffry (Colgan). Killala. Pontoon. Lough Conn. Lough Bawn. Dooaghtry. Achill. Inishturk.
- Selaginella kraussiana* W 2, 15.
W: Ditch in woodland at Old Head, and below ruins of Doolough House, in woodland (Perring).

ISOETACEAE

- Isoetes lacustris* E (10).
W 7, 20, 22-23, 26-27, 30, 53, 60.
E: (North shore of Lough Mask, 1963, Field Card - confirmation desirable).
W: N.W. end of Lough Pollagowly (Marshall). Cushcamcarragh (Colgan).
Achill — Bunafreva Lough East, Keel Lough, and Annagh Lough.
Inishturk — Lough Namucka.
- Isoetes echinospora* W 20.
W: N.W. end of Lough Pollagowly (Marshall).

EQUISETACEAE

- Equisetum x trachyodon* E 6, 10, 26.
W 33.
E: Lough Carra. Lough Mask — near the bridge over to Inishcoog (Halliday).
W: Drummin Wood, Lough Cullin (More).
- Equisetum variegatum* E 10.
W 27.
E: Rush Is., L. Carra. (J. Ball's L. Carra record was *E. x trachyodon*).
W: 03/60.
- Equisetum fluviatile* E 10-12, 16, 18, 23, 25, 27.
W 1-2, 7-8, 10, 13, 16-17, 20-24, 27, 29-33, 39-41, 45-48, 50, 53, 55, 61.
E: Ballaghaderreen.
W: Ballina. L. Conn. Achill. Mullet. Clare Is. Inishturk.
- Equisetum arvense* E 6, 10-12, 16, 18, 22-23, 25, 27, 31.
W 1-2, 4, 7, 13, 15-17, 19-24, 27-32, 35, 38, 43, 45-48, 50, 52, 55-56, 61-62.
E: Ballaghaderreen.
W: Ballina. Achill. Clare Is. Inishturk. Mullet.
- Equisetum x litorale* W 33.
W: Peat banks, N.W. shore of L. Cullin.
- Equisetum sylvaticum* E 16, 27.
W 17, 30, 33, 38-39, 60, 62.
E: Callow.
W: Pontoon.
- Equisetum palustre* E 10-11, 16, 18, 23, 25, 27.
W 1, 7-8, 13, 16-17, 20, 22-24, 27, 30, 32-33, 39-42, 46-48, 50, 52-53, 55-56, 61-62.
E: Ballaghaderreen.
W: Ballina. Achill. Clare Is. Inishturk. Mullet. Inishkea.
- Equisetum telmateia* E ?
W 1, 13, 15-16, 20, 22, 24, 30, 46, 61.
E: Recorded in *Irish Topographical Botany* but the record has not been traced.
W: Leckany. Clare Is.

OPHIOGLOSSACEAE

- Botrychium lunaria* W 7, 14, 28, 49-50.
W: Near Louisburg (Kinahan). Rathroeen Lough. Clare Island. Inishturk.
- Ophioglossum vulgatum* E 3.
W 1, 7, 13, 18, 27-28, 42, 50, 56.
E: S. of L. Mask (Marshall and Shoolbred).
W: Dooaghartry. Clare Island. Achill. Inishkea. Mullet. (Inishturk ?).
- Ophioglossum azoricum* W 7, 28.
W: Inishturk — hill 588. 03/70.

OSMUNDACEAE

- Osmunda regalis* E 6, 10-12, 18, 23-24, 26-27.
W 1-2, 4, 7, 9-10, 13, 15-17, 19-21, 23, 26-33, 35-37,
39-43, 45-48, 50-53, 55, 60-61.
E: Kilmovee. Lake N.W. of Claremorris.
W: Mallaranny (Marshall). Ballina, Pontoon, Achill, etc. . . . A fine cristate form
found near Ballytoohy, Clare Island, is figured in *Irish Naturalist*, vol. 12, p. 291.

ADIANTACEAE

- Adiantum capillus-veneris* W 10, 26.
W: Croaghaun (Hart). Sheeffry (Kinahan) — "Five miles from E. end of Killary
Harbour, on the hill NNE of Sheeffry — only a few small stools".

HYMENOPHYLLACEAE

- Hymenophyllum tunbrigense* W 20, 26-27, 31, 39.
W: Croaghaun, at 1,900ft. (Colgan). On rock ledge in gully of Glendavoolagh
stream, Nephin Beg (Perring).
Hymenophyllum wilsonii E 30.
W 1-2, 9, 13, 19-20, 26-27, 32, 38-39, 53.
E: Glenaduff.
W: Nephin. Lough Bawn. Achill. Achill Beg. Clare Island — forming bosses with
Mnium hornum.

POLYPODIACEAE

- Polypodium vulgare* W 20, 22, 50.
W: Achill Beg !
Polypodium interjectum W 16, 21, 23, 30.
W: (All Atlas records).

HYPOLEPIDACEAE

- Pteridium aquilinum* E 3, 6, 10-12, 16-18, 23, 25, 27.
W 1-2, 4, 7-8, 10, 13, 15-17, 19-24, 26-33, 35-38,
40-43, 45-48, 50-53, 55-56, 60-62.
E: Ballaghaderreen.
W: Ballina. Achill. Clare Island. Inishturk. Inishkea. Mullet.

THELYPTERIDACEAE

- Thelypteris palustris* E 10.
W 27.
E: Lake View, Cloonee, L. Carra (Miss Jackson). Moore Hall (J. Ball).
W: Mineral flush, Bellacorick (Synnott).

Phegopteris connectilis W 10.
W: Sheeffry Hills. Half a mile east of Lugacollivee on basic rocks (Perring).

Oreopteris limbosperma W 1, 10, 27, 29.
W: Mweelrea (Hart). Owenmore River (Moore). Ditch S. W. of Dugort.

ASPLENIACEAE

Phyllitis scolopendrium E 6, 10-12, 16-18, 22-23, 25, 27, 31.
W 1-2, 7, 13, 15-17, 20-24, 27-33, 39-40, 45, 47-48,
55-56, 62.

E: Ballaghaderreen.

W: Killala. Achill. Clare Island. Inishturk.

Asplenium marinum W 2, 7, 13, 19-20, 26-27, 42, 57, 62.
W: Achill. Achill Beg. Clare Island. Inishturk. Inishkea. Mullet.

Asplenium trichomanes agg. cf. ssp. *quadrivalens* E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 10, 13, 16-17, 20-24, 27-33, 40, 45-46,
48, 55-56, 62.

E: Lake N.W. of Claremorris.

W: Achill. Pontoon. Clare Island.

Asplenium viride W 9-10, 13, 16.
W: Croaghpatrick (Hart). S.W. of Dromin Chapel (Kinchane). L. Bawn. Clare
Island. Half mile E. of Lugacollivee Lough (Perring).

Asplenium adiantum-nigrum E 3, 10, 16, 18, 23, 27, 30-31.
W 1-2, 7, 13, 16, 20, 23-24, 27-28, 30-33, 49, 56, 62.

E: Between Cross and Kilmaine and near Rectory, Cong (Miss Jackson). Carrow
Kerribly Lake. Glennaduff.

W: L. Conn. Achill. Achill Beg. Rosserk. Clare Island. Inishturk.

Serpentine forms somewhat resembling *Asplenium cuneifolium* have been found at
Croagh Patrick.

Asplenium ruta-muraria E 6, 10-12, 16-18, 23, 27.
W: 1-2, 4, 10, 13, 16-17, 20-24, 27-33, 40, 45-46,
48, 55-56, 62.

E: N. of Claremorris.

W: Pontoon. L. Conn. Inishturk — an old ruined tower. Rectory at Dugort (T.
Watts). Clare Island (Doyle & Foss).

Ceterach officinarum E 6, 10-12, 16-18, 22-23, 27.
W 2, 4, 10, 15-17, 21-24, 27, 29-33, 37, 39-40,
46, 48, 50, 55-56, 62.

E: S. of Claremorris.

W: Pontoon. Achill — signal tower W. of Slievemore. var *crenatum* — L. Conn.

ATHYRIACEAE

- Athyrium felix-femina* E 11-12, 16-17, 23, 25, 27, 30-31.
W 1-2, 4, 7, 10, 13, 15-17, 19-24, 26-33, 35, 39-41,
45-48, 50, 52-53, 55, 60-62.
E: S. of Claremorris. Ballymore Lough. Glennaduff. Ballaghaderreen.
W: Ballina. L. Conn. Achill Beg. Clare Island. Inishturk. Mullet.
- Gymnocarpium robertianum* E 4.
E: Low limestone hill of Cloghmoyne, three miles N.W. of Headford (Praeger, '34).
- Cystopteris fragilis* E 4, 12, 24, 27.
W 9, 13, 21.
E: S. of Claremorris. Callow. Kilmovee. Cloghmoyne.
W: Rocks near L. Ard, Mallaranny (Marshall). Loughy Mt. (Hart).
Near Cong (Marshall and Shoolbred). Lough Bawn. Slievemore, Achill.
Clare Island.

ASPIDIACEAE

- Polystichum lonchitis* W 9, 13.
W: Lough Bawn. Croaghmore, Clare Island.
- Polystichum aculeatum* E 12.
W 10, 13, 27.
E: S. of Claremorris.
W: Clare Island. Sheffry Hills — half mile E. of Lugacollivee (Perring).
- Polystichum x bicknellii* E 12.
E: S. of Claremorris. 1900, Praeger (Synnott 1974).
- Polystichum setiferum* E 10, 16, 25.
W 4, 13, 16, 24, 28, 30, 49, 59-60.
E: Ballaghaderreen.
W: Killala. Clare Island.
- Dryopteris filix-mas* E 6, 10-12, 16-18, 22-24, 27.
W 1-2, 4, 13, 16-17, 19-24, 27-28, 30-32, 35-36, 39-40,
45-48, 53, 55-56, 60, 62.
E: Kilmovee.
W: Achill.
- Dryopteris affinis* E 6, 12, 17, 22-23, 25, 27.
W 1-2, 4, 13, 15-17, 19-20, 22-23, 26-33, 36, 39-40,
45, 47-48, 52-53, 55-56, 60-62.
E: Ballaghaderreen.
W: 03/91 etc.
- Dryopteris aemula* E 12, 27, 30.
W 2, 7, 13, 15, 20-21, 23, 26-30, 33, 40, 45, 47, 51,
53, 60-61.
E: Claremorris. Callow. Glenaduff.
W: Mallaranny (Marshall). Lough Conn. Achill — common at all elevations. Clare
Island. Inishturk.

Dryopteris carthusiana

E 7, 11, 24.
W 2, 16, 21-22, 33.

E: Kilmovee. Hollymount.

W: Mallaranny and Newport (Marshall). Drummin Wood, L. Cullin (More).

Dryopteris dilatata

E 10-12, 16-18, 23, 25, 27.
W 2, 4, 7, 10, 13, 15-17, 19-24, 25-33, 35-40,
45-48, 50, 52-53, 55, 60-62.

E: Ballagherreen.

W: Achill. Clare Island. Inishturk. Mullet.

BLECHNACEAE

Blechnum spicant

E 10-12, 16-18, 22-23, 27.
W 1-2, 4, 7, 10, 13, 15-17, 19-24, 26-33, 35-38, 40.
45-47, 50-53, 55, 60-62.

E: 12/28, etc.

W: Mullet. Achill. Achill Beg. Clare Island. Inishturk.

var. *anomalum* — Freaghillaun near Pontoon; "this form has the barren and fertile fronds similar and intermediate in character" (Praeger '39).

MARSILIACEAE

Pilularia globulifera

E 6.
W 13.

E: E. shore of Lough Mask — in muddy pools by the track road going towards hill 107, W. of Keel Bridge (Scannell).

W: Bare peat pools, S. of Srah, near shore of L. Mask (Perring).

GYMNOSPERMAE

PINACEAE

Pinus sylvestris

E 10, 12, 17.
W 2, 4, 10, 12, 16-17, 20, 29-30, 32-33, 40, 48, 61.
E: Regenerating on limestone pavement at Keel Bridge (Kelly 1985).
W: "There is one large old tree, supposed to be a last relic of the ancient forests, still growing on an open bog near Crossmolina, at the head of L. Conn, and this tree, which is probably the same as referred to by Mackay as growing near Nephin, has been lately fenced in and is carefully preserved by the Earl of Arran who is the owner of the lands" (*Cybele*, 1866).

CUPRESSACEAE

Juniperus communis

E 3-4, 10.
W 1-2, 7, 9, 13, 16, 19-21, 26-27, 29, 33, 50, 60-61.
E: L. Carra (Mrs. Persse). Cloghmoyne.
W: Delphi Mt. (Hart). Glencullin Mt. (Colgan). Mallaranny (Marshall). Pontoon. Lough Bawn. Dooaghartry. Achill — Croaghaun. Mweelrea. Croagh Patrick. Mullet. Clare Island. Curraun. Inishturk.

TAXACEAE

Taxus baccata

E 6, 10.

W 32.

E: By L. Mask below Ballinrobe (Mrs. Persse) — probably introduced (Praeger '06). W. shore of Lough Carra.

W: Rocks on S.W. shore of L. Conn.

ANGIOSPERMAE DICOTYLEDONES

SALICACEAE

Salix pentandra

E 10-11, 16, 27.

W 1, 16, 19-20, 23-24, 27-28, 30, 32, 40-41, 45, 48.

E: Lough Carra (Mrs. Persse).

W: Lough Conn. Ballina. Achill.

Salix fragilis

E 12.

W 16-17, 43, 53.

Salix fragilis x *pentandra*

E 3.

E: Cong (Marshall).

Salix alba

E 10-11, 16, 23.

W 16-17, 21, 24, 32, 40.

E: 12/17, etc.

W: Lough Conn.

Salix triandra

W 37.

W: Near Ballycroy — probably planted (Perring).

Salix herbacea

W 9, 13-14, 20, 26-27, 30, 32.

W: Nephin Beg (Hart). Nephin. Sheeffry (Colgan). Lough Bawn. Curraun.

Achill — Croaghnaun ridge at c. 1,200ft., Menaun summit at 1,530ft., West end of Slievemore at c. 1,500-1,700ft. Clare Island — Croaghmore at 1,000ft. and 1,400ft.

Salix cinerea subsp. *cinerea*

W 41.

W: Roadside ditch near Ballina, 1945, C. Pearson (Kelly).

Salix cinerea subsp. *oleifolia*

E 6, 10-12, 16-18, 23, 27, 31.

W 1-2, 4, 10, 15-17, 19-25, 29-33, 38-40, 45-48,

50-53, 55-56, 60-62.

E: 12/16, etc. — Common.

W: 02/76, etc. — Common.

Salix aurita

E 10-12, 16-18, 23, 27, 31.

W 1-2, 4, 10, 13, 15-17, 19-24, 26-32, 38-40, 45-48,

52-53, 55, 60-62.

Salix aurita x *cinerea*

W 33.

W: Lough Cullin.

Salix caprea E 6, 10, 16, 30-31.
W 2, 15-16, 21, 30, 32, 38-39, 43, 48, 55-56, 62.
E: Carrow Keribly. Glennaduff.
W: Killala. Lough Conn.

Salix repens E 10, 12, 16-17.
W 1-2, 7-8, 13, 15-17, 19-20, 23-24, 26-29, 32-33,
39-40, 42-43, 45, 48, 50-52, 56, 60-61.
E: Turlough N.W. of Claremorris.
W: Killala. Pontoon. Lough Conn. Achill. Achill Beg. Mullet. Inishturk. Inishkea.
Clare Island.

Salix viminalis E 11-12, 16-18, 23, 27.
W 15-17, 19-24, 27-28, 30-32, 39-40, 42-43, 45-48,
50, 53, 55-56, 60-62.
E: N. of Claremorris.
W: Killala. Inishkea — cultivated in a few tiny beds.

Salix purpurea E 11-12, 14, 16-18, 23, 25, 27.
W 2, 17, 22-23, 27, 32, 39-40, 48, 55-56.
E: Ballyhaunis. Ballaghaderreen.
W: Newport (Marshall). Lough Conn. Killary Harbour.

Salix purpurea x *viminalis* E
E: (*Botanist in Ireland*).

Populus tremula E 10, 16, 30.
W 1, 7, 20, 32, 48, 55.
E: Glenaduff. Lough Carra.
W: Lough Conn. Dooaghtry. Achill Sound (Marshall). Inishturk — widespread,
and seldom three feet in height.

Populus nigra W
W: Louisburgh, Knowles (DBN).

MYRICACEAE

Myrica gale E 10-12, 16-18, 23, 25, 27, 31.
W 1-2, 4, 10, 13, 16-17, 19-24, 27-33, 36-40, 45-47,
49-50, 53, 55, 60-61.
E: Lake N.W. of Claremorris. Ballaghaderreen.
W: Lough Conn. Rathreen Lough. Mullet. Achill. Clare Island.

BETULACEAE

Betula pendula E 3, 10, 12, 16.
W 2, 4, 16, 20, 23-24, 32-33, 38, 45.
E: Clonbur (Marshall). S. of Claremorris.
W: "To 1,500ft (*Hart in Cybele*). Frequent in Pontoon district.

Betula pendula x *pubescens* W 33.
W: Frequent about Pontoon.

Betula pubescens

E 3, 10-12, 17, 23, 27.
W 1-2, 4, 10, 13, 15-17, 20, 22-23, 29-33, 37, 39-40,
47-48, 61.

Alnus glutinosa

E 6, 10-12, 16-18, 23, 25, 27, 31.
W 1-2, 4, 15-17, 20-24, 27-33, 37, 40-41, 43, 45-48,
50, 53, 55-56, 60, 62.

E: Ballaghaderreen.

W: Ballina. Achill.

CORYLACEAE

Corylus avellana

E 3, 6, 10-11, 16, 23, 27, 31.
W 1-2, 8, 10, 13, 15-17, 20-23, 29-30, 32-33, 39-40,
43, 45, 47-48, 52, 55.

FAGACEAE

Fagus sylvatica

E 6, 10-12, 16, 18, 23.
W 2, 4, 15-17, 22-23, 32, 40, 45, 48, 55.

Quercus petraea

E 10, 16, 23.
W 1-2, 10, 13, 15-17, 20, 22-23, 29-33, 38-39.

E: 12/17, etc.

W: Dooaghtry. Clare Island.

Quercus petraea x *robur*

E: (fide D. L. Kelly)

E

Quercus robur.

E 6, 10-12, 24, 27.
W 15, 27, 29, 32-33, 55.

E: Turlough N.W. of Claremorris. Kilmovee. Lough Carra.

W: Pontoon. Lough Conn. Achill.

ULMACEAE

Ulmus glabra

^{*} E 10-11, 23.
W 15-17, 22, 30, 48.

E: Lough Carra.

W: Unquestionably native on the limestone cliff which overhangs the Caves of Aille
(Praeger 1912).

Ulmus procera

E 6, 16.
W 16, 31, 48.

Ulmus minor

E: (fide D. L. Kelly).

E

CANNABACEAE

Humulus lupulus

E: Foxford. Near Old Abbey of Mayo (Melville — *Cybele Hibernica*).

E 11, 26.

URTICACEAE

Urtica dioica

E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-16, 19-24, 27-33, 35-36, 38-40,
43, 45-48, 50, 52-53, 55-56, 61-62.

Urtica urens

E 6, 10, 16, 23, 25.
W 13, 27-28, 30, 56.

E: Ballaghadereen.

W: Ballina. Achill. Clare Island. Inishturk. mullet. Inishkea.

Soleirolia solierolii

W: Delphi, McClintock (DBN).

W

Parietaria judaica

E 6, 16.
W 41.

E: 12/16, etc.

W: Ballina.

POLYGONACEAE

Polygonum oxyspermum

W: Bartraw. Achill. Clare Island. Mullet. Inishkea.

W 14, 27, 42, 48, 50.

Polygonum aviculare

E 6, 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 27-31, 35, 38-40,
43, 45, 47-48, 50-51, 53, 55-56, 62.

Polygonum arenastrum

W: 02/98.

W 16.

Polygonum minus

E: Lough Cullin (More).

W: Lough Conn. Lough Cullin (More).

E 26.
W 32-33.

Polygonum hydropiper

E 11-12, 17-18, 23.
W 1-2, 4, 7, 10, 13, 15, 17, 19-20, 23, 27-32, 38-41,
45-48, 50, 53, 55, 62.

E: N. of Claremorris.

W: Ballina. Lough Conn. Achill. Mullet. Clare Island. Inishturk.

Polygonum persicaria

E 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 27-32, 35, 38-40,
43, 45-48, 50, 52-53, 55-56, 60-62.

- Polygonum lapathifolium* E 10, 16, 31.
W 1, 13, 20, 23, 27-29, 33, 39, 50, 53.
E: Ballymore Lake.
W: Pontoon. Mullet. Achill. Clare Island.
- Polygonum amphibium* E 10-12, 16-17, 23.
W 1, 13, 16-17, 19-21, 24, 27-29, 40, 43, 48, 52, 55, 61.
- Polygonum bistorta* E 6.
W 8.
E: Carrigeendaun Island, Lough Mask — associated with lesser black-backed gulls.
W: Post Office, Carrownisky (Rohu).
- Polygonum amplexicaule* W 55.
W: Roadside near Palmerstown, W. of Killala (McClintock).
- Polygonum polystachyum* W 24.
W: 12/19.
- Fallopia convolvulus* E 10, 16, 18.
W 1, 13, 16, 19-20, 27-28, 32, 39-40, 56.
No localised record.
- Reynoutria japonica* E 10.
W 4, 15-16, 21-22, 31, 33, 35, 45, 47, 50.
No localised record.
- Fagopyrum esculentum* E.
E: Foxford, 1900, Praeger (DBN).
- Oxyria digyna* W 1, 9-10, 13-14, 17, 27, 30.
W: Loughy Mt., Ben Gorm, Mweelrea and Croaghpatrick (Hart). Sheeffry; Cush-camcarragh, Nephin Beg (Colgan). Lough Bawn. Achill — Slievamore. Half mile E. of Lugacollivee Lough (Perring).
- Rumex acetosella* E 16-18, 23, 27, 31.
W 1-2, 4, 10, 13, 16-17, 19-24, 26-33, 35-40, 43, 45-48, 50-53, 55, 60-61.
- Rumex acetosa* E 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35-36, 38-40, 43, 45-48, 50-53, 55-56, 60-62.
- Rumex hibernicus* W 26, 43, 50.
W: Mullet — Annagh Bay and sand-dunes N. of Glash, M. Scannell; Achill Head, rocky pasture, M. Scannell (Rechinger, 1961). Type specimen in DBN.
- Rumex hydrolapathum* W 17.
W: Westport (Babington 1838).

Rumex crispus E 6, 10-12, 17-18, 23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-23, 27-31, 35-36, 38-40,
43, 45-48, 50, 52-53, 55-56, 61-62.

Rumex crispus x *obtusifolius*
E & W: (Praeger 1951 — no localities).

Rumex conglomeratus E 10-11, 16, 23, 27.
W 4, 13, 16-17, 22, 27-28, 31, 39, 43, 48, 52, 55.

Rumex sanguineus E 10-12, 16.
W 2, 4, 15-16, 22-24, 32, 40-41, 43, 47-48, 55-56, 62.
E: N. of Claremorris.
W: Ballina. Mullet — Binghamstown Castle.

Rumex obtusifolius E 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 13, 15-17, 19-24, 27-31, 33, 38-40, 43,
45-48, 51-53, 55, 61-62.

CHENOPODIACEAE

Beta maritima W 7, 13, 20, 27-28, 35, 42, 50.
W: Mullet. Achill. Achill Beg. Clare Island. Inishturk. Inishkea.

Chenopodium bonus-henricus E 3, 6.
W 16, 56.
E: Neale, and near Ballinrobe (Miss Jackson, *Cybele* 2).
W: Killala.

Chenopodium rubrum E 6.
E: An Foras Taluntais, Creagh (Kelly 1985).

Chenopodium album E 16, 23, 27.
W 2, 13, 16, 19-20, 24, 27-28, 40, 45, 47, 56, 62.

Atriplex patula E 10-12, 17-18, 23, 27
W 7, 13, 16-17, 19-22, 27-29, 35, 38-39, 43, 45, 47, 50, 55-56, 62.
E: 12/17, etc.
W: Achill; Mallaranny; Newport (Marshall). Clare Island. Inishturk.

Atriplex prostrata (*A. hastata*) W 7, 13, 15-16, 20, 22, 27-29, 42-43, 50, 52.
W: Achill. Mullet. Clare Island. Inishturk. Inishkea.

Atriplex glabriuscula W 16, 19, 21, 27-29, 35, 37, 42-43, 50.
W: Achill. Inishkea.

Salicornia europaea agg. W 1, 16, 20-22, 27-30, 50, 56.
W: Dooaghtry. Killala. Mullet. Achill.

Suaeda maritima W 16, 21-22, 27-28, 50, 52, 56.
W: Killala. Mullet. Achill.

Salsola kali W 13, 15, 27, 42-43, 50, 56.
W: Killala. Mullet. Achill. Clare Island. Inishkea.

PORTULACACEAE

- Montia fontana* agg. E 16, 30.
W 1-2, 4, 10, 13, 15, 17, 19-21, 23, 26-30, 38-39,
45, 50, 52-53, 60-61.
E: Glennaduff.
W: 02/77, etc.

CARYOPHYLLACEAE

- Arenaria serpyllifolia* E 6, 10-12, 23, 27.
W 1, 21, 27-28, 35, 42-43, 45, 50, 52, 56, 62.
E: N. of Claremorris.
W: Killala. Mullet. Achill. Inishkea.
- Arenaria leptoclados* E (Praeger 1934, no locality).
W 16.
- Moehringia trinervia* E 12.
W 17.
E: S. of Claremorris. Castlemagarrett (Browne).
W: Ballina.
- Minuartia hybrida* E
E: BGX 95/54 and 94/57.
- Honkenya peploides* W 1, 7, 13, 16, 20, 22, 26, 35, 42, 43, 50, 52, 62.
W: Mullet. Achill. Clare Island. Inishturk. Inishkea.
- Stellaria media* E 6, 10, 12, 16-18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-31, 35, 37-40,
43, 45-48, 50, 52-53, 55-56, 60-62.
- Stellaria holostea* E 24.
W 16, 23.
E: Kilmovee.
W: Westport Demesne (Praeger 1903). Roadside banks — two miles N.E. of Westport and on E. side of Beltra Lough (Perring).
- Stellaria alsine* E 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-31, 33, 36, 38-39,
47-49, 52-53, 55, 61-62.
- Stellaria palustris* E 7.
W 33.
E: Hollymount (More).
W: Meadow S. of bridge at S. end of L. Culbin (*sic*) (L. Cullin ?), M. McCallum Webster (*Proc. B.S.B.I.*, 5, 129).
- Stellaria graminea* E 11-12, 16-18, 22-23, 27.
W 1-2, 4, 13, 16-17, 22-24, 29-31, 38-40, 45-48,
53, 55, 61-62.

- Cerastium fontanum* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 36, 38-40,
43, 45-48, 50, 52-53, 55-56, 61-62.
- Cerastium glomeratum* E 11, 16-18, 23, 27.
W 1-2, 13, 17, 19, 23, 29, 39-40, 45-47, 53, 55, 61.
- Cerastium semidecandrum* W 21.
W: Mallaranny (Marshall).
- Cerastium diffusum* E 3, 6-7, 10, 18.
W 1, 8, 13, 15-16, 20-21, 27-28, 32, 36, 40, 52, 62.
E: Hollymount and Foxford (More). S. of Lough Mask. Ballinrobe.
W: Common round Lough Conn and on coast.
- Sagina nodosa* E 10-12, 16-18, 23, 27, 31.
W 1, 7-8, 13, 16-17, 20, 22, 24, 27, 33, 41-43,
45-48, 50, 55-56, 62.
E: Ballymore Lake. Callow. N. of Claremorris.
W: Ballina. Killala. Pontoon. Mullet. Dooaghty. Achill. Clare Island. Inishturk.
Inishkea.
- Sagina subulata* W 2, 20.
W: Clare Island — rocks near the harbour and near the lighthouse and frequent in
West end. Achill Beg. Inishturk — sparingly distributed along the N. and W.
coasts, generally on dry ledges of rock. E. of Glennacully bridge on gravelly
bank and lower part of stone wall (Perring).
- Sagina procumbens* E 6, 10-11, 18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-33, 36-40, 43,
45-48, 51-53, 55-56, 60-62.
- Sagina apetala* E 6, 10-11, 16, 23, 27.
W 16, 19, 22, 27, 35, 38, 43, 50, 52.
- Sagina maritima* W 7, 13, 21, 27, 42, 50, 61.
W: Mallaranny and Achill (Marshall). Achill — "var *densa* Jord. forming dense
round tufts near Dooagh". Mullet. Clare Island. Inishturk. Inishkea.
- Scleranthus annuus* W 32.
W: Near Levally Lough.
- Spergula arvensis* E 16-17, 23, 27.
W 1-2, 4, 7, 10, 13, 15, 17, 20, 23, 27-32, 35-26,
38-40, 43, 45, 48, 50, 52-53, 55, 62.
W: *vulgaris* and *sativa* forms recorded for Clare Island and Inishturk.
- Spergularia rupicola* W 7, 13, 19, 26, 42, 50.
W: S. shore of Achill from Achill Head to Campport. Mullet. Clare Island. Inishturk.
Inishkea N. & S.
- Spergularia media* W 16, 21-22, 27-30, 37, 42-43, 45, 50, 56.
W: Achill. Mullet. Inishkea N.

- Spergularia marina* W 1, 13, 20, 27, 42, 50, 52.
W: Achill. Mullet. Clare Island. Inishkea N. & S.
- Lychnis flos-cuculi* E 10-11, 16, 22-23.
W 1, 4, 10, 13, 15, 17, 19-23, 27-28, 30, 32-33, 39-40,
43, 46-48, 50, 52, 55, 61-62.
- Agrostemma githago* E 6, 10.
E: Ballinrobe (Mrs. Persse). Among crops at Ballintober, Lough Carra.
- Silene vulgaris* E 6, 10, 12, 16, 18, 23.
W 17, 41.
E: Ballyhaunis. N. of Claremorris.
W: Ballina.
- Silene maritima* W 2, 7, 13, 16, 20-21, 26-28, 32, 35, 40, 42-43,
50-51, 56, 60-61.
W: Birreencorragh and Nephin (Hart). Killala. Achill. Mullet. Clare Island. Inish-
turk. Inishkea N. & S.
- Silene acaulis* W 13.
W: Clare Island — Croaghmore scarp. "The Clare Island station is the most
southerly in Ireland. Small falls of stone and earth are continually dragging
down clumps of vegetation. *Silene acaulis* . . . easily maintains its abundance by
means of seedlings despite the ravages of the slug, *Arion ater*, which feeds
voraciously upon the blossoms" (Praeger).
- Silene alba* E 6.
E: Ballinrobe (Mrs. Persse).
- Silene dioica* E 10.
W 7, 13.
E: 12/17.
W: Inishturk (More; Praeger). Clare Island — cliffs on N. side of Knocknaveen
and Croaghmore at 800ft.
- Saponaria officinalis*
W: (Praeger 1934, no locality).

NYMPHAEACEAE

- Nymphaea alba* E 11-12, 16, 23, 25.
W 1, 9, 13, 16, 21, 23, 27-33, 37, 39.
E: N. of Claremorris. Ballaghaderreen.
W: Pontoon. Lough Conn. Achill. Clare Island.
- Nuphar lutea* E 10, 16-18, 23, 27.
W 9-10, 13, 16-17, 21, 27, 31, 33, 45, 48.
E: 12/17, etc.
W: Achill. Clare Island.

CERATOPHYLLACEAE

Ceratophyllum demersum

W 43.

W: Mullet — Newtown Lough, choked with the plant.

RANUNCULACEAE

Caltha palustris

E 10-12, 16-18, 22-23, 27, 31.

W 1, 13, 15, 17, 22, 27-29, 31-33, 37, 39-40, 43, 45-48, 50, 53, 55, 61-62.

Anemone nemorosa

E 3, 10, 24.

W 13, 16, 22, 32-33.

E: Kilmeevee.

W: Lough Conn. Clare Island.

Clematis vitalba

E 3.

E: Near Cong (Marshall).

Ranunculus repens

E 6, 10-12, 16-18, 22-23, 27, 31.

W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35-40,
43, 45-8, 50-53, 55-56, 60-62.

Ranunculus acris

E 6, 10-12, 16-18, 22-23, 27.

W 1-2, 4, 10, 13, 15-17, 19-24, 27-33, 35-36, 38-40,
43, 45-48, 50-53, 55-56, 60-62.

Ranunculus bulbosus

E 16, 23, 25, 31.

W 1-2, 8, 15-17, 20-21, 24, 27-28, 36, 39, 56, 62.

E: Ballagherreen.

W: Dooaghtry. Achill. Clare Island (Doyle and Foss).

Ranunculus auricomus

E 6.

W 16.

E: Ballinrobe (Mrs. Persse).

W: Westport Demense (J. Reilly per R. Barrington).

Ranunculus sceleratus

E 26.

W 16, 22, 56, 62.

E: Foxford.

W: Killala. Salt marsh near Newport. 'Scruffy' pond near Westport Quay (Perring).

Ranunculus ficaria

E 10, 16, 31.

W 1-2, 13, 16, 19, 21-23, 26-27, 29, 33, 38-40,
51, 56, 61.

Ranunculus ficaria subsp. *bulbifer*

W

W: Westport Demesne!

Ranunculus flammula

E 10-12, 16-18, 22-23, 27.

W 1-2, 4, 9-10, 13, 15-17, 19-24, 26-33, 35-36, 38,
40, 43, 45-48, 50, 52-53, 55, 60-62.

Ranunculus flammula subsp. *scoticus*

E
W

- E: Island S. of Devenish, Lough Mask. Shore of Lough Corrib near Cong.
W: Achill — Sraheens Lough (Marshall — first Irish record). Frequent in Western Achill lakes. Levally Lough. Lough Conn.

Ranunculus lingua

E 3, 6, 10.
W 1, 12.

- E: Ballinrobe (W. de V Kane). Cong (Marshall and Shoolbred). Stream which enters Lough Carra S.E. of Moore Hall.
W: Marsh on dune near Tonakerra Point. Cloon River, S. of Srah to Partry road.

Ranunculus hederaceus

E 11-12, 24.
W 1, 13, 16-17, 20-21, 23, 27-29, 31, 33, 39, 43,
45, 47, 52-53, 56, 61-62.

- E: Near Claremorris. Kilmovee.
W: Pontoon. Killala. Achill. Clare Island.

Ranunculus baudotii

W 27.

- W: Mullet — Cross Lough and Newtown Lough. Inishkea N. & S.

Ranunculus peltatus

E 26.
W 33.

- E: E. of Foxford.
W: Near Foxford and Lough Cullin (More).

Ranunculus penicillatus

E 26.
W 41.

- E: Foxford, etc. (Praeger).
W: Ballina.

Ranunculus aquatilis

E 3.
W 27.

- E: Cong (Marshall).
W: Achill — Keel Lough and Sruhilla Beg Lough.

Ranunculus trichophyllus

E 6-7, 10, 18.
W 1, 27-28, 43.

- E: Hollymount (More). Ballinrobe, Miss Lindsey (*Cybele* 2). Lough Carra.
W: Mullet — Cross Lough. Achill — Keel Strand.

Aquilegia vulgaris

E 3-4, 6, 10.

- E: Ballinrobe (Mrs. Persse). Lough Corrib (*Cybele*). Between Headford and Cong, Shuttleworth (*Fl. Hib.*). Cloghmoyne. Lough Carra — W. shore (Praeger), N. shore (Perring).

Thalictrum alpinum

W 1, 9, 16.

- W: Lough Bawn. Sheeffry (Colgan). Croaghpatrick (Hart). Mweelrea, W. A. Sledge (Praeger 1946).

Thalictrum minus

E 10.
W 17, 40.

- E: Lough Carra (J. Ball). S. of Lough Mask (Marshall and Schoolbred).
W: Dooaghtry. Mweelrea. Doo Lough. Glencullen. Beltra Lough. Lough Conn. Pontoon.

PAPAVERACEAE

- Papaver somniferum* E 26.
E: Foxford.
- Papaver rhoeas* E 6.
W 22.
E: Ballinrobe (Mrs. Persse).
W: Garden weed, Mallaranny (Marshall).
- Papaver dubium* E 18.
W 16.
E: N. of Claremorris. Ballyhaunis.
W: Ballina. Garden weed, Mallaranny (Marshall). Old railway lines, W. of Westport (Perring).
- Papaver lecoqii* E.
E: BGX 94/21.
- Papaver argemone* W.
W: Garden weed, Mallaranny (Marshall).
- (*Papaver nudicaule* — Achill Head, c. 1828, c. Giesecke (Carrothers; Nelson). An error!)
- Chelidonium majus* E
E: no localised record.
W 16.
W: Westport Demesne.

FUMARIACEAE

- Fumaria capreolata* W 7, 27, 42.
W: Achill — Old Dugort. Mullet. Inishturk. Inishkea N. & S.
- Fumaria bastardii* E 10.
W 1, 13, 23.
E: 12/17.
W: Mallaranny (Marshall). Achill. Clare Island. Inishturk. Inishkea N. & S.
- Fumaria officinalis* E 18.
W 17.
E: 12/48.
W: Mullet. Roadside weed near Halfway House between Westport and Castlebar (Perring).

CRUCIFERAE

- Sisymbrium orientale* W 16.
W: Rubbish tip at Westport Quay (Perring).
- Sisymbrium officinale* E 11-12, 16, 22-23, 27.
W 2, 13, 16-17, 22, 39-40, 45, 48, 50, 55-56, 62.

- Alliaria petiolata* W 49.
W: Killala.
- Arabidopsis thaliana* E 6.
W 16.
E: Ballinrobe (Mrs. Persse).
W: Moyne Abbey.
- Hesperis matronalis* E 6, 11-12.
W 17, 21, 30, 40, 48.
E: (Botanist in Ireland — no locality).
W: 12/08, etc. Clare Island (Doyle & Foss).
- Barbarea vulgaris* E 6, 10, 16.
W 17, 23, 45, 48, 62.
E: Ballaghaderreen.
W: Ballina. Achill. Westport Demesne (*B. arcuata*).
- Rorippa amphibia* E 11.
W 33.
E: Ballinrobe (Mrs. Persse). Hollymount (More).
W: Stream into Castlebar Lake (Marshall). Ballina.
- Rorippa sylvestris* W 16.
W: Roadside on the N. outskirts of Westport (Marshall).
- Rorippa palustris* E 3.
W 16.
E: S. of Lough Mask (Marshall and Shoolbred).
W: Ballina. By the Moy, Foxford (More).
- Nasturtium officinale* E 12, 16, 22, 27.
W 1, 17, 19-20, 23-24, 27-38, 30, 36, 38, 46-47, 55-56, 61.
- Nasturtium microphyllum* E 11, 17-18, 27.
W 16-17, 22, 33, 35, 39, 43, 50.
- Cardamine pratensis* E 6, 10-12, 16, 18, 23, 27.
W 2, 4, 10, 16-17, 20-23, 26-31, 33, 38-40, 43, 45-48, 50-53, 55, 61-62.
- Cardamine flexuosa* E 10-11, 16, 18.
W 1-2, 10, 13, 20, 22-24, 27, 29-30, 32, 39-40, 46, 55, 61.
- Cardamine hirsuta* E 6, 10-12, 16, 23, 31.
W 1-2, 13, 16-17, 20-24, 28, 30, 33, 39, 45, 47, 51.
- Arabis hirsuta* E 3, 6.
W 28, 50.
E: Ballinrobe (Mrs. Persse). About Cong (Marshall).
W: Killala (Moore). Dunes W. of Belmullet.

- Arabis brownii* W 1.
W: Dunes at Tonakeera Point (Perring).
- Draba incana* W 56.
W: Sandhills, Killala.
- Erophila verna* W 10.
W 2.
E: Ballaghadereen.
W: Achill.
- Cochlearia danica* W 13, 16, 20, 30.
W: Achill — signal tower. Clare Island. Inishturk. Inishkea N.
- Cochlearia officinalis* W 1-2, 13, 16, 19-21, 27-28, 30, 35-36, 43, 45, 50, 52, 55-56, 61-62.
- Cochlearia alpina* W 47.
W: Bellacorick iron flush (King and Scannell).
- Cochlearia anglica* W 16.
W: Newport. Around Westport Quay.
- Cochlearia scotica* W 13, 21, 29, 37.
W: Cliffs close to Achill Head. Clare Island. Inishturk.
- Camelina sativa*
W: Foxford (Thirsk Soc. 1865). Frequent in fields on the Mullet in 1836 (Babington) — not seen by Praeger in his survey.
- Capsella bursa-pastoris* E 6, 10-12, 16-18, 23, 27.
W 2, 13, 16-17, 19-24, 26-28, 33, 35, 39-40, 43, 45, 47-48, 50, 55-56, 62.
- Lepidium heterophyllum* E 16.
W 23.
E: 12/28.
W: One plant, roadside E. of Beltra Lough (Perring).
- Cardaria draba* W 16.
W: Westport Quay, well established. Still there 1966 (Perring).
- Coronopus squamatus* W 13.
W: Killala. Downpatrick Head (Dickie). Clare Island. Inishturk. Mullet. Inishkea N. & S.
- Coronopus didymus* W 16, 43, 50.
W: Newport and Achill Sound (Marshall). Newport (Miss M. F. Jackson). Achill. Mullet. Clare Island (Doyle & Foss).
- Subularia aquatica* W
W: Mweelrea Mt. (Mackay). Lugloughaun (Hart). N. end of Fin Lough at Delphi.

- Brassica napus* E 12.
W 21.
- E: 12/37.
W: 02/89.
- Brassica rapa* E 6, 10, 16, 18.
W 1, 13, 16-17, 20, 22, 27-29, 35-36, 47-48, 52-53, 55, 61.
- E: Foxford. S. shore of Lough Mask (Marshall). W. of Claremorris.
W: 01/76, etc.
- Sinapis arvensis* E 6, 11-12, 17-18, 22, 27.
W 13, 16-17, 19-21, 23, 27-30, 39-40, 47-48, 53, 55-56.
- Sinapis alba* E 18, 27.
W 13, 16, 55.
- Cakile maritima* W 20.
- W: Achill. Bartraw. Inishkea N. (as a weed in the potato fields).
Clare Island (Doyle & Foss).
- Raphanus raphanistrum* E 17.
W 13, 16-17, 20, 23, 29, 31, 52, 55, 62.
- E: Claremorris, Ballymore Lake. Foxford.
W: Mallaranny (Marshall). Lough Conn. Pontoon. Killala. Achill. Mullet. Clare Island.

RESEDACEAE

- Reseda luteola* E 12.
W 33, 41.
- E: Claremorris.
W: Pontoon. Ballina.
- Reseda lutea* W 22, 40.
W: Newport (Marshall). Roadsides near Rake street (Perring).

SARRACENIACEAE

- Sarracenia purpurea* W 39.
W: Planted in extreme oceanic blanket bog at Moneyieras Td., between Crossmolina and Bangor Erris. 1963, T. A. Barry. Surviving 1984 (Foss *et al.* 1984).

DROSERACEAE

- Drosera rotundifolia* E 10-12, 16-18, 23, 27.
W 1-2, 4, 9-10, 12-13, 16-17, 19-21, 23-24, 26-33, 36-40, 45-48, 50, 53, 55, 60-62.

Drosera anglica E 11-12, 18, 23.
W 1-2, 9-10, 13, 17, 19-20, 23, 26-29, 31-32, 36-40,
46-47, 53, 61.

Drosera anglica x rotundifolia W 27.
W: Bog between Dugort and Keel, W. Watson (Praeger 1939).

Drosera intermedia E 11.
W 1-2, 9, 16-17, 19-20, 26-30, 32-33, 36-39.
E: N. of Claremorris. Lough Carra.

CRASSULACEAE

Umbilicus rupestris E 16-17, 23, 27, 31.
W 2, 4, 13, 16-17, 20, 22, 24, 27, 29-30, 33, 39-40,
55, 61-62.

E: Foxford. W. of Claremorris.
W: Killala. Pontoon. Lough Conn. Achill. Clare Island. Inishturk.

Sedum acre E 10, 16-18, 23.
W 1-2, 13, 16, 20-21, 27-28, 36, 43, 50, 56.
E: Lake N.W. of Claremorris. Ballaghaderreen.
W: Mallaranny (Marshall). Killala. Achill. Mullet. Clare Island. Inishkea N.

Sedum anglicum E 6.
W 1-2, 13, 19-22, 26-29, 51, 61.
E: Ballinrobe (Mrs. Persse).
W: 02/76, etc.

Sedum album E 10, 16-17.
W 16, 30-31, 33, 40, 55-56, 62.

Rhodiola rosea W 20, 26-27, 60-61.
W: Sheeffry and Cushcamcarragh, Nephin Beg (Colgan). Mweelrea and Croaghpatrick (Hart). Achill — Slievemore, and on Croaghau from sea to summit; sea cliffs from Keem road to Dugort, descending to within 20ft. of sea level. Mullet. Clare Island — abundant all around N. and W. cliffs from storm level to 1,450ft., inland on rocks E. of the Signal Tower at 800ft., and sparingly on the cliffs on the N. slope of Knocknaveen. Inishturk. Achill Beg.

SAXIFRAGACEAE

Saxifraga stellaris W 2, 26-27.
W: Nephin. Sheeffry (Colgan). Cushcamcarragh and Nephin Beg (Colgan).
Achill — Slievemore cliffs, abundant from c. 1,700ft., more sparingly near Croaghau summit and on rocks near Bunafreva Lough West, at c. 1,100ft.

Saxifraga spathularis

- E 26, 30.
W 1-2, 4, 13, 16, 19-20, 26-27, 29-30, 33, 38-39.
E: Hills N.E. of Foxford. Glennaduff.
W: Nephin. Croaghpatrick (A. B. Lambert: Templeton MS). Mweelrea. Lough Cullin and Lough Conn about Pontoon (More). On all the summits of Connemara and West Mayo (Hart). Achill Beg !. Derreen. Clare Island — on rough ground at all elevations, from the round stones of the boulder beach at Portlea to the summit of Croaghau. Inishturk — “We noticed that when a cottage falls into ruin, this and *Sedum anglicum* are the first plants to establish themselves on the ruined walls, while *Athyrium filix-femina* takes possession of the deserted floor”.

Saxifraga hirsuta x *spathularis*

- W
W: Clare Island — Two spots on the Croaghmore cliff at about 1,200ft. in small quantity. Achill — Crevice in rocks above Lough Bunafreva West (Synnott). On the N.W. slopes of Mweelrea by a stream, at c. 900ft. — a low grade *hirsuta* hybrid (Webb 1948).

(*Saxifraga hirsuta*)

- W
W: Old Head — a garden form (Knowles; see Clare Island Survey). This form also appears naturalised along woodland tracks in Westport Demesne (Synnott).

Saxifraga hirculus

- W 47.
W: Bog near Ballycastle (H. D.B. Dillwyn — *Cybele* 2). Iron flush Bellacorick, T. A. Barry (King and Scannell).

Saxifraga tridactylitis

- E 6, 10-11, 17.
W 16-17, 43.
E: Ballinrobe (Mrs. Persse). Clonbur (Marshall).
W: Achill — sands at Dugort and Trawmore, with *Erophila verna*, apparently the only habitat of either.

Saxifraga rosacea

- W 13.
W: Clare Island — Descends to sea level (i.e. storm level) on cliffs at Altnamarnagh — very strong-growing, hairy form.

Saxifraga oppositifolia

- W 13.
W: Cushcamcarragh, very rare, (Colgan). Mweelrea (Hart). Sheeffry (Colgan). Nephin Beg range (Colgan). Clare Island — sparingly in one spot on Croaghmore cliffs c. 1,200ft. with *Asplenium viride*.

Chrysosplenium oppositifolium

- E 27.
W 1-2, 13, 16, 20, 23, 30, 33, 38, 45, 55, 61-62.
E: Glennaduff. Kilmovee.

PARNASSIACEAE

Parnassia palustris

- E 10-12, 16-18, 23.
W 1, 16-17, 35, 40, 43, 48, 50, 55-56, 62.
E: Clare. Callow. N. of Claremorris. Lough Mask.
W: Lough Conn. Killala. Castlebar. Dooaghtry. Mullet. Achill.

GROSSULARIACEAE

- Ribes rubrum* E 10.
 E: Glenageary Island, Lough Carra (Kelly).
Ribes uva-crispa W 40.
Ribes sanguinea E 11.
 W 17, 33.

ROSACEAE

- Filipendula ulmaria* E 6, 10-12, 16, 18, 22-23, 27, 31.
 W 1-2, 4, 10, 13, 15-17, 19-24, 27-33, 35, 39-40, 43, 45-48, 50, 53, 55-56, 61-62.
Rubus saxatilis E 10.
 W 13.
 E: N. of Claremorris. Lough Mask. Lough Cullin (More). Lough Carra (Moore).
 W: Lough Conn. Doo Lough and Croaghpatrick (Hart). Mweelrea (Hart).
 Lough Bawn. Clare Island.

- Rubus idaeus* E 16, 23.
 W 4, 16-17, 31-32, 39.

- Rubus spectabilis* W
 W: Rosturk, 1951, Scannell (DBN).

- Rubus fruticosus* (agg) E 6, 10-12, 16-18, 23, 27, 31.
 W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 35-40,
 43, 45-48, 50-53, 55-56, 60-62.

Mayo records for the following brambles have been approved by Mr. A. Newton.

- R. altiarcuratus* W
R. cardiophyllus W
R. dentatifolius W
R. hesperius E and W
R. iricus E and W
R. lanaticaulis E
R. leptothyrsos W
R. mucronulatus W
R. nemoralis E and W
R. plicatus E and W
R. polyanthemus W
R. pyramidalis W
R. ulmifolius E and W
R. vestitus E

- Rubus caesius* E 6, 10, 16.
 W 2, 17.
 E: Lough Carra, J. Ball (Focke). Lough Mask — E. shore. South of Lough Mask
 (Marshall and Shoolbred).
 W: Inishkea N. & S.

- Rosa arvensis* E 16.
W 16.
E: Balla, 1958, Miss Anderson.
W: Westport (Marshall).
- Rosa pimpinellifolia* E 3, 6, 10-22, 31.
W 1-2, 13, 16, 40, 56.
E: Killala. Pontoon.
W: Turlough N.W. of Claremorris. Shores of the larger lakes. Clare Island. Mullet. Inishturk.
- Rosa rugosa* W 2, 20, 27, 29, 35-36, 50.
- Rosa canina* E 10, 12, 23, 27.
W 1-2, 4, 13, 17, 23, 31-33, 48, 55, 60.
- Rosa dumetorum* E
E: Clonbur (Marshall).
- Rosa tomentosa* E
W
E: Turlough N.W. of Claremorris. Lough Carra.
W: Lough Conn.
- Rosa sherardii* W 32.
W: Roadside at Terrybaun, near Pontoon (Kelly). Roadside near Laherdaun (Kelly).
- Rosa x mayoensis* W
W: Castlebar & Louisburgh, Knowles; Clonbur, Marshall (DBN).
- Rosa agrestis* E
E: Lough Corrib, S. of Cong, Marshall (DBN).
- Agrimonia eupatoria* E 6, 10-11, 16.
W 2, 16-17, 22, 24, 40, 47-48, 55-56, 62.
- Agrimonia procera* W 1, 40, 62.
W: Lough Conn. Bartragh Island (More). Dooaghtry. Tourmakeady. Near Tonakeera Point (Perring).
- Sanguisorba officinalis* W 40, 48.
W: Lough Conn. Lough Cullin. Pontoon.
- Acaena ovalifolium* W
W: Aasleigh, 1935, Mrs. Gough (McClintock).
- Acaena anserinifolia* W
W: Aasleigh (McClintock).
- Acaena pusilla* W
W: Aasleigh, 1965, J. E. Lousley (McClintock). Devil's Mother Mt., 1961, D. A. Ratcliffe (McClintock).

- Geum rivale* E 27.
W 13.
E: Ballinrobe (Mrs. Persse). Derrinrush Wood, Lough Carra.
W: Derreen. Loughy Mt. (Hart). Achill. Clare Island.
- Geum x intermedium* E
W
E: Ballinrobe (Mrs. Persse).
W: (Praeger 1951, no locality).
- Geum urbanum* E 6, 10-11, 16-18, 22, 27, 31
W 1, 15-17, 21-22, 30, 32, 40, 47-48, 55-56.
- Potentilla fruticosa* E 1.
E: Between Ballycurrin and Castletown (Miss Jackson, *Cybele* 2). On the shore opposite Morris Island (L. Corrib) at Castletown, . . . near but apparently not identical with Miss Jackson's *Cybele* station and could be Moore's old station.
- Potentilla palustris* E 9-11, 15-17, 21-22, 26.
W 1, 9, 13, 16-17, 20-24, 27, 29-33, 36, 39-40, 43, 45-48, 50, 53, 55, 61.
- Potentilla anserina* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35-40, 43, 45-48, 50, 52-53, 55-56, 60-62.
- Potentilla erecta* E 3, 10-12, 16-17, 23, 27.
W 1-2, 4, 10, 12-13, 15-17, 19-24, 26-33, 35-40, 45-48, 50-53, 55, 60-62.
- Potentilla anglica* E 10-11, 17-18, 23, 27.
W 1-2, 4, 13, 15-17, 23, 28-32, 38-40, 45-48, 53, 55-56, 61.
- Potentilla anglica x erecta* E
E: Clonbur (Marshall & Schoolbred).
- Potentilla reptans* E 10-11, 16, 31.
W 16, 20-21, 23-24, 30, 32-33, 48, 53, 55.
E: Ballaghaderreen.
W: Ballina. Achill.
- Potentilla sterilis* E 10, 16, 27.
W 1-2, 13, 15, 17, 23, 30, 39, 55, 62.
- Fragaria vesca* E 3, 6, 10-11, 16, 18, 23, 27, 31.
W 1-2, 13, 15-17, 22-24, 32-33, 40, 45, 48, 56, 62.
- Alchemilla xanthochlora* E 18
W 13, 23-24, 32-33.
E: N. of Ballyhaunis, 1958 (B.S.B.I. Field Card).
W: Lough Conn; Clare Island (*I.N.J.*, 10, 299).

- Alchemilla vestita* E 10, 23, 27.
W 39, 62.
E: Keel Bridge; Kilkelly; Swinford (B.S.B.I. Field Cards).
W: Downpatrick Head (B.S.B.I. Field Card). (39 — no locality).
- Alchemilla glabra* E 23, 27.
W 1, 13, 17, 23.
E: N.W. of Claremorris (*I.N.J.*, 10, 300).
W: Clare Island (*I.N.J.*, 10, 300).
- Aphanes arvensis* E 16, 18, 22-23.
W 30, 43.
E: Balla, 1958, Miss Anderson; N. of Ballyhaunis; Swinford. Kilkelly (B.S.B.I.)
W: BGX 85/80; 94/07; 94/17.
- Aphanes microcarpa* E 27.
W 2, 16-17, 20, 23, 28, 31-33, 39, 53, 62.
E: Swinford (B.S.B.I. Field Card).
W: DBN — Clare Island, Praeger; Belmullet and Pontoon, Scannell.
- Malus sylvestris* E 12, 16.
W 13, 16, 28, 31, 40, 48.
E: Carrowkeribly Lake. Ballaghaderreen.
W: Lough Conn. Clare Island — very old tree by the Dooghaganny stream near the West end. Inishturk.
- Sorbus aucuparia* E 10-11, 16, 23, 27.
W 1-2, 4, 10, 13, 15-17, 20-24, 26-31, 33, 36-40, 45-47, 53, 60, 62.
E: Glenaduff. Turlough N.W. of Claremorris. Lough Carra.
W: Lough Conn. Clare Island.
- Sorbus aria* agg.
E: S. of Claremorris. About Clonbur (Marshall and Shoolbred). Lough Carra. E. Shore of Lough Mask.
W: Shores of Lough Conn.
- Sorbus hibernica*
E: BGX 94/26.
- Sorbus rupicola*
E: BGX 94/37.
W: By Lough Conn at Pontoon (Praeger 1934).
- Cotoneaster simonsii* W 28.
W: 30/70.
- Cotoneaster microphyllus* E
W 16.
E:
W: Tarn in the Nephin Begs. Cliff over Maumtrasna Bay on Lough Mask. Clare Island (Doyle & Foss); H. O'Donnell (DBN).

- Crataegus monogyna* E 6, 10-12, 16-18, 22-23, 31.
W 1-2, 4, 10, 15-17, 21-24, 27-33, 37, 39-40, 43,
45-48, 50, 55-56, 62.
- Prunus spinosa* E 3, 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 13, 15-17, 20, 22, 30-31, 39-40, 48,
55-56, 61-62.
- Prunus domestica* subsp. *insititia* W 17, 23, 48.
W: E. of Killavally in hedge (Perring).
- Prunus cerasus* E 11, 16, 18, 23.
W 20, 23, 39-40, 62.
E: Carrowkerribly Lough. Ballyhaunis.
W: Newport; Mallaranny; Achill Island and the Sound (Marshall). Lough Conn.
In the demesne of Ld. Knox Gore at Ballina (Moore, *Cybele*).
- Prunus avium* W 45.
W: 02/82.
- Prunus padus* E
E: In extensive natural wood at Derrinrush, Lough Carra.

LEGUMINOSAE

- Cytisus scoparius* E 11-12, 18, 23.
W 2, 16-17, 22-23, 29, 32, 37, 40, 50-51, 61.
E: Callow. N. of Claremorris.
W: Pontoon. Achill — only seen as a kind of hedge on Inishbiggle.
- Ulex europaeus* E 3, 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35-40, 43,
45-48, 50-53, 55-56, 61-62.
E: N. of Claremorris. Shangorman Islands, Lough Mask.
W: Pontoon. Achill. Mullet. Clare Island.
- Ulex gallii* W 4.
W: Achill — on bank by roadside, half a mile N. of Mweelin, in an old gorse hedge.
The occurrence of a single plant of so gregarious a species suggests introduction,
but the place has been derelict for many years (Praeger 1904).
- Vicia orobus* E 4.
E: Cloghmoyne Townland.
- Vicia cracca* E 6, 10-12, 16-18, 22-23, 27.
W 1, 4, 13, 16-17, 19-20, 22-24, 27-32, 35, 39-40,
46-48, 52-53, 55-56, 62.
- Vicia sylvatica* E
E: Near Houndswood (Miss Jackson).

- Vicia hirsuta* E 27.
W 13, 20.
E: Near Ballinrobe (Mrs. Persse).
W: Clare Island — one station.
- Vicia sepium* E 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 13, 15-17, 20-24, 29-31, 33, 39-40, 43, 45,
48, 50, 55, 61-62.
- Vicia sativa* subsp. *nigra* E 16.
W 4, 16-17, 43.
E: Ballinrobe (Mrs. Persse). Clonbur (Marshall).
W: Tourmakeady (B.S.B.I. Field Card). . . .
- Lathyrus japonicus* W 27.
W: Keel Strand, Achill (*vide* P. Carvill & R. Goodwillie).
- Lathyrus montanus* E 3, 6, 10, 23.
W 1-2, 10, 13, 15-17, 19, 23, 27, 30, 32, 38.
E: Cloghmoyne (B.S.B.I. Field Card).
W: Achill. Clare Island. Inishturk.
- Lathyrus pratensis* E 6, 10-11, 16, 18, 22-23, 27, 31.
W 1, 4, 13, 15-17, 19-20, 22-24, 27-28, 30-32, 40,
43, 46-48, 50, 55-56, 62.
- Ononis repens* E
W
E: Ballinrobe (Mrs. Persse). Cong (Marshall & Shoolbred). Lisloughry, Cong (Miss
M. F. Jackson).
W: Ballina.
- Medicago lupulina* E 6, 10-11, 16, 18.
W 16, 27, 56.
E: Ballaghaderreen.
W: Ballina.
- Trifolium repens* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-23, 26-33, 35-40,
43, 45-48, 50-53, 55-56, 60-62.
- Trifolium hybridum* E 11, 16.
W 16, 24.
E: Hollymount, 1958 (B.S.B.I. Field Card).
W: Lough Conn.
- Trifolium campestre* E
W 16, 22.
E: N. of Claremorris.
W: Ballina. Killala. Inishturk.
- Trifolium dubium* E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 27-32, 35-40, 43,
45-48, 50, 52-53, 55-56, 61-62.

Trifolium micranthum W 21.
W: Wall between Mallaranny Hotel and the new chapel, Earl of Gainsborough — searched but could not find additional material (Praeger 1913).

Trifolium arvense W
W: Inishturk (More) — abundant on rocky bluff which overlooks Portcloon . . I fancy it is indigenous — More marked it 'possibly introduced' (Praeger, 1907).

Trifolium pratense E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-33, 35, 37-40,
43, 45-48, 50, 52-53, 55-56, 60-62.

Trifolium medium E 16, 31.
W 2, 16-17, 21, 40.
E: Carrowkeribly Lough. Near Foxford (More). Lough Mask.
W: Crossmolina. Ballina. Killala. Rosserk. Lough Conn. Inishturk.

Lotus corniculatus E 3, 6, 10-11, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 13, 15-17, 19-24, 26-33, 35-40, 43,
45-48, 50, 52-53, 55-56, 60-62.

Lotus uliginosus E 16-17, 23.
W 2, 4, 13, 17, 19-21, 26-30.
E: Balla, Miss Anderson, 1958 (B.S.B.I. Field Card).
W: Achill. Mullet — about Cross Lough and Leam Lough. Clare Island — one station.

Anthyllis vulneraria E 3, 10-11, 17-18, 23.
W 1, 8, 13, 16-17, 19-20, 22, 26-28, 33, 35, 43, 47,
50-51, 53, 60-62.
E: N. of Claremorris. Callow.
W: Ballina. Mullet. Achill. Achill Beg. Clare Island. Inishturk. Iniskea. Subsp. *vulneraria* is recorded from E. & W. Mayo; subsp. *lapponica* from W. (*Atlas — Critical Supplement*).

OXALIDACEAE

Oxalis europaea E
E: Portree House, D. McClintock (*B.S.B.I.*, 3, 293).

Oxalis acetosella E 6, 10-11, 16, 18, 27, 31.
W 1-2, 10, 13, 15-17, 20-23, 26-27, 29-30, 32-33,
38-40, 45, 47, 53, 60-62.

GERANIACEAE

Geranium sanguineum E 3.
E: Glen Corrib and Ballycurrin (Miss Jackson). Cloghmoyne.

Geranium pratense W 27.
W: Achill — abundantly naturalised in fields and on banks near Dugort.

- Geranium phaeum* W 16, 40.
W: Westport, 1956 (B.S.B.I. Field Card).
- Geranium pyrenaicum* E
W 16.
E: Ballinrobe (Mrs. Persse).
W: Near Belmullet (Moore, *Cybele*) — not seen by Praeger. Westport (B.S.B.I. Field Card).
- Geranium molle* E 6, 10, 16, 18, 22-23, 27.
W 2, 4, 8, 13, 15-17, 19-20, 22, 24, 27-28, 30, 35, 43, 50, 56, 62.
- Geranium pusillum* E
E: Ballinrobe (Stanhope Kenny).
- Geranium columbinum* E
E: Lough Mask — unquestionably native (Marshall).
- Geranium dissectum* E 10-12, 16, 22-23, 27.
W 4, 13, 16-17, 19-20, 22-24, 27-28, 30, 32, 35, 43, 47, 50, 55-56, 62.
- Geranium lucidum* E 6, 10-11.
W 16-17, 21.
E: Ballyhaunis. Kilmovee.
W: On a wall by the road a mile N. of Killavally (Perring).
- Geranium robertianum* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 15-17, 20-24, 28, 30-33, 39-40, 45, 48, 52, 55-56, 62.
- Erodium cicutarium* W 1-2, 8, 15-16, 20, 27-28, 35-36, 43, 50.
W: Killala. Achill. mullet. Inishkea N. & S.
- Erodium moschatum* W 27.
W: Dooagh, Achill (Babington) — not seen by Praeger (1904).

LINACEAE

- Linum catharticum* E 3, 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 8, 13, 15-17, 19-20, 22-24, 27-28, 30-32, 35, 39-40, 43, 45-48, 50, 53, 55-56, 61-62.
- Radiola linoides* E
W 1, 19-20, 26-29, 32, 36-37, 45, 52-53, 61.
E: Shore of Lough Cullin (More). Glennaduff.
W: Mallaranny (Marshall). Pontoon. Achill (Chandlee) — remarkably abundant on Achill and ranges from the extreme point of Achill Head to Inishbiggle; a very dense leafy form at Dooega Head (Praeger 1904). Mullet — a constant feature of the road edges. Clare Island. Inishturk. Inishkea N. & S.

EUPHORBIACEAE

Euphorbia hyberna

W 7.

W: Inishturk (More). Inishturk has been chiefly known to botanists as providing one of the few west coast stations for this interesting plant. Here it was first found by W. McMillan, the discoverer of *Helianthemum guttatum* in Inishboffin, in 1872, and was subsequently seen by More and Barrington on their brief visit in 1875. The plant is confined to the harbour and the sheltered bushy slopes next to it, where it grows in abundance (Praeger).

Euphorbia helioscopia

E 16, 18, 27.

W 13, 16-17, 39, 47, 50, 56.

Euphorbia exigua

E

E: Roadside near Partry, Lough Carra.

Euphorbia peplus

E 11, 16.

W 13, 16.

E: Callow.

W: Ballina. Clare Island. Inishturk.

POLYGALACEAE

Polygala vulgaris

E 10-11, 16-18, 27.

W 1-2, 4, 8-9, 12-13, 16-17, 19-22, 24, 27, 30-31, 33,
35, 39-40, 43, 47-48, 50-52, 55-56, 61.

Polygala serpyllifolia

E 10-12, 16, 18, 23, 27.

W 1-2, 4, 13, 15, 17, 19-20, 23, 26-32, 38-40, 45,
47, 52-53, 55, 60-62.

ACERACEAE

Acer campestre

E

E: Kilmovec.

Acer pseudoplatanus

E 6, 10-12, 16-18, 23, 27.

W 1-2, 4, 15-17, 20-24, 27-30, 32, 39-40, 45-48,
50, 52, 55-56, 60-62.

HIPPOCASTANACEAE

Aesculus hippocastanum

E 10.

W 16-17.

BALSAMINACEAE

Impatiens glandulifera

E

W 24, 27-28.

E: BGX 94/23.

W: cf. Achill.

AQUIFOLIACEAE

Ilex aquifolium

E 6, 10-11, 16-17, 23, 27.
W 1-2, 4, 8, 10, 13, 15-17, 20-24, 27, 29-33, 38-39,
45, 48, 60.

E: Glenaduff. Kilmovee.

W: Pontoon. Lough Conn. Dooaghtry. Achill. Clare Island. Inishturk.

CELASTRACEAE

Euonymus europaeus

E 3, 6, 10.
W 40.

E: Lough Mask. Lough Carra.

W: Lough Conn. Killala.

RHAMNACEAE

Rhamnus catharticus

E
W

E: N.W. of Claremorris. Lough Mask. Shore of Lough Corrib, a little N. of Morris Is. Lough Carra (Ball; Praeger).

W: Lough Cullin (More). Lough Mask shore. Lusteen Islands, Lough Mask.

Frangula alnus

E
W

E: East shore of Lough Mask (Vowel, *Cybele* 2; Marshall & Schoolbred; Praeger). Derrynany Point, Lough Carra (Ball). Shore of Lough Corrib, a little N. of Morris Is. A single prostrate plant in a fissure on limestone pavement by Lough Mask near the bridge to Inishcoog (Halliday *et al.*).

W: Rocky islets N. end of Lough Mask.

TILIACEAE

Tilia x vulgaris

E 11.
W 2, 23.

MALVACEAE

Malva moschata

E 3.

E: Ashford, Cong (Miss M. F. Jackson). Cong (Marshall & Schoolbred).

Malva sylvestris

E
W 21.

E: N. of Claremorris.

W: Rosserk. Achill.

Lavatera arborea

W 2, 20.

W: Tievummera, 1955 (B.S.B.I. Field Card). Achill Sound (Marshall).

Althaea officinalis

W 9.

W: Old Head (Miss Grubb, *Cybele*). Clare Island (Doyle & Foss).

GUTTIFERAE

Hypericum hircinum

W: Delphi — east side of Fin Lough and in ruined cottage garden (Perring).
Roadsides on north side of Corraun Peninsula!

W

Hypericum androsaemum

E 16-17, 23, 27.
W 1-2, 10, 13, 15-17, 20-23, 27-30, 32, 39-40, 48,
52, 55-56, 61.

Hypericum pulchrum

E 3, 6, 10-12, 16-18, 23, 27.
W 1-2, 10, 13, 15-17, 19-24, 26-33, 38-40, 46-48,
50, 53, 55, 60-62.

Hypericum elodes

E 10.
W 1-2, 4, 9-10, 13, 16-17, 19-21, 27-30, 32-33, 38-40, 45, 50.
E: Partry Ho. area (B.S.B.I. Field Card).
W: Mallaranny (Marshall). Pontoon. Derreen. Nephin. Achill — a submerged form
at N. end of Keel Lough. Achill Beg! Mullet. Clare Island. Inishturk.

Hypericum humifusum

E 18, 27.
W 1-2, 13, 17, 20-22, 24, 31, 62.
E: Lake N.W. of Claremorris. Clonbur (Marshall).
W: Lough Conn. Mallaranny. Westport. Clare Island. Inishturk.

Hypericum tetrapterum

E 10-12, 16-18, 22-23, 27, 31.
W 2, 4, 13, 16-17, 19-23, 27, 29-33, 35, 39-40, 43,
45-48, 50, 55-56, 61-62.
E: Ballaghaderreen. Foxford.
W: Ballina. Lough Conn. Achill. Mullet. Clare Island. Inishturk.

Hypericum maculatum

E 3.
W 16, 40.
E: About Cong (Marshall & Shoolbred).
W: To the W. of Clonbur (Marshall & Shoolbred). E. shore of Lough Conn.

Hypericum perforatum

E 6, 10-11, 16, 27.
W 16.
E: Foxford. Lough Mask.
W: (B.S.B.I. Field Card — no locality).

Hypericum canadense

W
W: Glensaul, Tourmakeady, 20 August 1906, no collector's name (specimen in
University College, Aberystwyth, *vide* Mr. E. H. Chater (Webb, *IVJ.* 16, 209).
Near the extreme N.W. corner of Lough Mask one mile S. of Srah (Webb 1957).
W. shore of Cloon River south of Srah to Partry road (Perring). The Gortmore
station is in County Mayo but in vice-county 16 (West Galway).

VIOLACEAE

- Viola odorata* E
W
 E: Claremorris.
 W: Derreen.
- Viola reichenbachiana* E
W 15, 43.
 E: Lough Carra.
 W: On limestone near Newport (Marshall). Ashford demesne near Cong (Marshall & Shoolbred).
- Viola riviniana* E 6, 10-11, 16, 18, 23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35, 38-40,
43, 46-48, 50, 52, 55-56, 62.
- Viola canina* E 10, 16.
W 4, 27, 32, 40, 56.
 E: Turlough N.W. of Claremorris. Clonbur (Marshall). Lough Carra (*Cybele*).
 Lough Mask.
 W: Lough Conn. Lough Cullin (More). Inishturk.
- Viola persicifolia* E
 E: Clonbur (Marshall). Limestone hollows at the S. end of Lough Mask, in considerable quantity (Marshall & Shoolbred), hybridising with *V. canina*.
- Viola palustris* E 10, 12, 16-17, 27.
W 1-2, 4, 10, 13, 17, 19-24, 26-32, 37-39, 45-47,
50, 52-53, 60-62.
- (*Viola tricolor* subsp. *tricolor*?) E
W
 E: Ballymore Lough.
 W: Lough Conn.
- Viola tricolor* (incl. subsp. *curtisii*) E 18
W 1-2, 16, 43, 56.
 E: Ballymore Lough.
 W: Killala. Dooaghtry. Dunes near Binghamstown Castle, Mullet.
- Viola arvensis* E
W
 E: Foxford.
 W: Killala. Lough Conn. Achill. Clare Island.

CISTACEAE

- Tuberaria guttata* W 7.
 W: Inishturk — one small colony, consisting of very fine plants; the station is a grassy rib of rock which crosses the main valley of the island, just below the straggling cottages, four of which constitute the village of Craggy.

ELATINACEAE

Elatine hexandra

W

W: Loughnahaltora and the slightly brackish Roonah Lough on the coast.

LYTHRACEAE

Lythrum salicaria

E 10-11, 16-17, 22, 27.

W 1-2, 8, 12-13, 15-17, 19-24, 28-33, 35, 38-40,
43, 45-48, 50-53, 55-56, 60-62.

Lythrum portula

E 10, 16, 18.

W 13, 28-30.

E: Glenaduff. Clonbur (Marshall).

W: Pontoon. Lough Conn. Mullet. Clare Island.

ONAGRACEAE

Fuchsia magellanica

E 16-17, 23, 27.

W 1-2, 4, 15-17, 19-24, 27-30, 32-33, 38, 40, 43,
45, 47, 50-53, 55, 61-62.

Circaea lutetiana

E 6, 10-11, 16, 18, 27.

W 2, 4, 13, 15-17, 21-23, 30, 32, 40, 48, 55-56.

Epilobium angustifolium

E 23.

W 27, 56.

E:

W: Achill — native on the Slievemore rocks at 1,800ft.

Epilobium hirsutum

E 11, 16.

W 16, 21-23, 40, 48.

E: Ballaghaderreen.

W: Ballina.

Epilobium parviflorum

E 10-12, 16, 18, 23, 27.

W 1, 4, 13, 15-17, 20, 22-24, 27-28, 33, 39, 43, 46,
48, 50, 53, 55-56, 61-62.

Epilobium montanum

E 10-12, 16, 18, 22-23, 27, 31.

W 1-2, 4, 10, 13, 16-17, 20, 22-24, 30-33, 35, 38-40,
46-48, 50, 52, 55-56, 61-62.

Epilobium montanum x obscurum

W

W: Inishturk.

Epilobium obscurum

E 10-11, 23, 27.

W 2, 10, 13, 16, 19-21, 23, 26-29, 31-32, 36, 38-39,
45-47, 53, 55, 60-62.

Epilobium palustre

E 10-12, 16, 18, 23, 27.
W 1-2, 4, 13, 15-17, 20, 22-24, 26-32, 35, 38-40,
43, 45-48, 50-53, 55-56, 61.

Epilobium brunnescens

W 1-2, 8, 20, 38-39.
W: Edge of stream by Westport road a couple of miles above Aaslcagh, Agatha Miller (Praeger 1939). S.E. side of Nephin Beg; well established N. of Clew Bay; E. side of Beltra Lough; Glendavoolagh stream in Nephin Beg hills (Perring). Clare Island (Doyle & Foss).

Epilobium pedunculare

W
W: Ashleigh, I. H. Clarke; Lough Feeagh, F. Reid (DBN).

HALORAGACEAE

Gunnera tinctoria

W
(E): A West Galway record referred in error to East Mayo (*B.S.B.I.*, 3, 403).
W: North side of Killary Harbour and on the shore and in gullies on the north side of Curraun, Sir F. W. Moore (Praeger 1939). Achill. Achill Beg! Stream in Bangor in Erris, McClintock (*B.S.B.I.*, 3, 403). Clare Island (Doyle & Foss).

Myriophyllum verticillatum

E
E: Hollymount and Lough Carra (More). In a stream which enters Lough Carra S.E. of Moore Hall.

Myriophyllum spicatum

E 10.
W 40.
E: Lough Carra — especially the N. end.
W: Crossmolina. Rathreen Lough. Lough Conn. Achill. Mullet — Cross Lough and Newtown Lough. Inishkea N.

Myriophyllum alternifolium

E 10, 12, 17-18.
W 2, 17, 23, 27-30, 39, 46-47.
E: Ballymore Lough. N. of Claremorris. Clonbur (Marshall). Lough Carra — especially the N. end.
W: Newport (Marshall). Lough Conn. Ballina. Achill. Clare Island. Inishturk.

HIPPURIDACEAE

Hippuris vulgaris

E 10-11, 17-18.
W 1, 9, 27-28, 45, 50, 53, 55, 62.

ARALIACEAE

Hedera helix

E 3, 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 38-40, 43,
45, 48, 50, 55-56, 60, 62.

UMBELLIFERAE

- Hydrocotyle vulgaris* E 10-12, 16-18, 22-23, 27.
W 1-2, 4, 8-10, 13, 16-17, 19-24, 27-33, 35-37,
39-40, 43, 45-48, 50-53, 55-56, 60-62.
- Sanicula europaea* E 6, 10-11, 27.
W 1-2, 8, 13, 15-16, 22-23, 28, 30, 40, 48, 55.
E: N. of Claremorris. Kilmovee.
W: Lough Conn. Achill. Clare Island.
- Eryngium maritimum* W 20, 27, 35, 43, 50, 52.
W: Mullet and Inishkea S.
- Anthriscus sylvestris* E 6, 10, 12, 16-17, 23.
W 1, 15-17, 23-24, 39-40, 46-47, 53, 55, 61-62.
E: Ballaghaderreen.
W: Ballina. Achill. Inishturk.
- Anthriscus caucalis* E
E: Ballinrobe (Mrs. Persse). Wexford.
- Scandix pecten-veneris* E
E: N. of Claremorris. Ballinrobe (Mrs. Persse).
- Smyrnum olusatrum* E 10.
W
E: Ballaghaderreen.
W: Lough Conn. Achill.
- Conopodium majus* E 6, 27, 31.
W 1-2, 4, 10, 13, 16-17, 22-23, 29-30, 32, 39-40.
E: Ballaghaderreen.
W: Achill. Clare Island. Inishturk.
- Pimpinella major* E
W
E: Plentiful at Cong (Wade; Miss C. H. Jackson; Marshall). Foxford — banks of
the River Moy (More, *Cybele*).
W: W. of Castlebar (Marshall).
- Pimpinella saxifraga* E 6, 11, 18, 23.
E: Ballyhaunis. Lake N.W. of Claremorris.
- Aegopodium podagraria* E 6, 10, 12, 16-17, 23.
W 16-17, 21, 23-24, 27, 30, 33, 40, 43, 47-48, 56.
E: N. of Claremorris. Ballaghaderreen.
W: Killala. Near Westport (Hart). Achill.
- Berula erecta* E
W 50.
E: Ballinrobe (Mrs. Persse). Cong (Marshall & Shoolbred).
W: Corragaun Lough, Dooaghtry. Mullet.

- Crithmum maritimum* W 13, 21, 50.
W: Achill (Colgan; Praeger). Mullet. Clare Island. Inishturk. Inishkea N. & S.
- Oenanthe lachenalii* W 1, 8, 29, 43, 50.
W: Killala. Near Bundorragha on the Killary (Hart). Damp sandy waste inland to Corraggaun Lough, Dooaghtry. Mullet — Portnafranka inlet (upper).
- Oenanthe crocata* E
W 1-2, 8, 10, 13, 16-17, 19-21, 23, 27-28, 30, 39, 43, 45, 52-53, 56, 61-62.
E: Ballinrobe (Mrs. Persse). Clonbur (Marshall).
W: Mallaranny (Marshall). Pontoon. Dooaghtry. Achill. Mullet. Clare Island. Inishturk.
- Oenanthe aquatica* E
W
E: Lake N.W. of Claremorris. Ballaghaderreen.
W: Ballina. Castlebar, and abundant thence eastwards as far as Balla (Marshall). West shore of Cloon River, south of Srah-Partry road (Perring).
- Aethusa cynapium* E 16.
W 16, 32, 40.
- Conium maculatum* E 23.
W 13, 16-17, 22, 48, 55.
E: Foxford. N. of Claremorris.
W: Ballina. Killala. Mullet.
- Apium graveolens* W 28.
W: Newport (Marshall). Rosserk Abbey. Near Altnapheebera, on rocky shore, south side of Corraun (Perring). Clare Island (Doyle & Foss).
- Apium nodiflorum* E 11-12, 16-18, 22-23, 27, 31.
W 1, 8, 13, 16-17, 20-23, 26-30, 32-33, 35-36, 39-40, 43, 45, 47-48, 50, 52, 55-56, 61-62.
- Apium inundatum* E 10.
W 13, 17, 23, 27-28, 33.
E: Ballaghaderreen. Ballymore Lake.
W: Achill. Mullet. Clare Island. Inishkea S.
- Apium x moorei* E
W 33.
E: S. corner of Lough Cullin — E. side of river.
W: S. corner of Lough Cullin — W. side of river.
- Petroselinum crispum* W
W: Moyne Abbey.
- Carum carvi* E
W
E: Ballaghaderreen.
W: Ballina. Killala.

Carum verticillatum

W

W: Grassy west shore of Drumleen Lough, about 100 yds south of farm house (Perring). The only record between Kerry and Donegal.

Angelica sylvestris

E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 10, 13, 15-17, 19-20, 22-23, 26-33, 35, 37-40,
43, 45-48, 50, 52-53, 55-56, 60-62.

Pastinaca sativa

W 16.

W: Roadside and bank about Newport (Hart).

Heracleum sphondylium

E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 20-24, 27-32, 35-40, 43,
45-48, 50, 52-53, 55-56, 61-62.

Torilis japonica

E 6, 10-12, 16-18, 22-23, 27.
W 1, 4, 15-17, 22-24, 30-32, 40, 47-48, 55-56, 62.

Daucus carota

E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 8, 13, 15-17, 19-24, 27-28, 30-33, 35-36,
39-40, 43, 45, 47-48,
50-53, 55-56, 61-62.

PYROLACEAE

Pyrola minor

W

W: Sparingly on Black Hill near Louisburgh, 1945, W. A. Wallace (Praeger 1946).

Pyrola media

W

W: Near Pontoon. (Sea par. 374 *Botanist in Ireland*).

ERICACEAE

Erica tetralix

E 6, 10-12, 16, 18, 23, 27.
W 1-2, 4, 9-10, 12-13, 15-17, 19-24, 26-33, 36-40,
43, 45-48, 50-53, 55, 60-61.

Large form confused with *E. x stuartii*, Portacloy (Lamb 1964).

Erica cinerea

E 3, 10, 16, 18, 23, 27.
W 1-2, 4, 8, 10, 13, 16-17, 19-24, 26-33, 35-40, 43,
45-47, 50-53, 55, 60-62.

Erica erigena

W 2, 13, 19-23, 28, 40, 45.

W: Both sides of Lough Conn. Ballycroy Mt. (Moore). Killary Harbour; Mweelrea (Cybele 2). Borrishoole Lake and Corraun (*Cybele*). Mallaranny. Newport. Lough Furnace. Dooaghtry. Corraun (mapped by White, 1968). Mullet. Clare Island. Deep peat at Glenamoy (P. J. O'Hare). Achill Island — rare and chiefly in the east; by the stream behind valley Strand; sparingly from Doo Lough to Bull's Mouth (Ridge Point); by the streamlet which rises near Black Lough from its source to its mouth near Salia; half way along the northern margin of Annagh Lough (Praeger).

For full accurate maps of the entire Irish population see Foss, Doyle & Nelson (1987).

Calluna vulgaris

E 3, 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 9, 13, 15-17, 19-24, 26-33, 35-40, 43,
45-48, 50-53, 55, 60-62.

Rhododendron ponticum

E 16.
W 2, 4, 15-16, 20-21, 27-32, 37, 39, 45-47, 53, 55,
60-61.

E:

W: Achill — 'about Glendarary for the past thirty years' (Praeger 1939); the south shore and slopes above Sraheens Lough smothered with it !; isolated bushes above Annagh Lough !

Daboecia cantabrica

E 10.
W 1-2, 4, 10, 12, 15-17.

E: Between Lisloughry and Lackafinna (Miss Jackson). Martin's Island in Lough Mask below Ballinrobe (Mrs. Persse). Shangorman Island, Lough Mask. Half a mile eastwards of the steamboat quay, and thence occasionally to Cordroon beyond Ballymacgibbon Bay, where these (Silurian) rocks reach their eastern limit — an extension of Miss Jackson's *Cybele* station (Praeger 1909). Carboniferous sandstone half a mile west of Partry (Praeger 1906).

W: Between Killary and Croaghpatrick (Mackay). Near Delphi in Murrisk (Ball). Old Head (Miss K. M. Lindsay, *Cybele*). Maumtrasna Mts.; Loughy Mt.; Mweelrea; (Hart). (Maumtrasna Mts. in v.c. 16). Dooaghtry. Lough Mask — west shore and islands in the north end. (Lusteen islands in the south end belong to v.c. 16). Knappagh — a white flowered form (Mrs. Barnes — Webb 1970). Curraun, H. D. B. Dillwyn — most northerly station in Europe (*Cybele*).

Arctostaphylos uva-ursi

W 20, 26.

W: Benwee Head and Portacloy, Wynne (*Cybele*). Cor Slieve (Moore, *Cybele*). Nephin; Mweelrea; Nephin Beg; Curraun; Achill (Hart). Cushcamcarragh (Colgan). Mullet — cliffs to Erris Head. Corraun Plateau. Achill — in great abundance on the Meenaun range from 800ft. up; heaths below Lough Acorrymore; plentiful on signal tower hill.

Pernettya mucronata

W 20-21, 29.

Andromeda polifolia

E
W 16.

W: In a slightly flushed area close to a small lake in blanket bog, Bellacorick, 1983, P. Foss, E. Rushe, and G. Doyle (*I.N.J.*, 21, 343) — with *Sarracenia* and perhaps introduced. (Croaghpatrick area, 1958 (B.S.B.I. Field Card)).

(*Ledum palustre* — Achill Head, in a fisherman's hat, c. 1828, C. Giesecke (Carrothers; Nelson). An error!)

Vaccinium oxycoccus

E
W 47.

E: Hollymount (More).

W: Mallaranny (Marshall). Rathroeen Lough. Glenturk and Clare Island (Doyle & Foss).

Vaccinium vitis-idaea

W

W: Nephin and Cor Slieve in Erris (*Cybele*). Mweelrea — in very small quantity in one place (Hart). Sheeffry (Colgan). Achill — near the summit of Slievemore.

Vaccinium myrtillus

E 23, 27.
W 1-2, 10, 13; 15-16, 19-20, 22-24, 26-27, 29-33,
38, 40, 45, 47, 53, 55, 60-62.

EMPETRACEAE

Empetrum nigrum

W 13, 19-21, 26-27, 30, 38, 40, 47, 51, 53, 60-62.
W: Nephin. Corraun Plateau. Achill. Achill Beg! Mullet — cliffs to Erris Head.
Clare Island. Inishturk.

PRIMULACEAE

Primula vulgaris

E 6, 10-11, 16-18, 22-23, 27, 31.
W 1-2, 8, 10, 13, 15-17, 19-20, 22-24, 26-33, 38-40,
43, 45-48, 52, 55-56, 62.

Primula veris

E 10-11, 16, 18.
W 15, 20.

E: Ballinrobe (Mrs. Persse). Clonbur (Marshall).
W: Secondary dunes at Corraun (Perring).

Primula veris x *vulgaris*

E
E: Slope above shore of Lough Carra near Moore Hall, 1980 (D. L. Kelly).

(*Hottonia palustris*)

W
W: In a watery ditch west of Lough Mask, road from Ballinrobe to Westport (Brown Fasciculus) — “has not since been verified and was no doubt an error” (*Cybele* 2).

Lysimachia vulgaris

E
W 32, 40, 48.
E: Claremorris. Clonbur (Marshall).
W: Lough Conn. Lough Cullin. Pontoon. Mullet — headquarters about Cross Lough and Leam Lough.

Lysimachia punctata

W
W: Roadside at Belclare, 3 miles west of Westport (Rohu).

Lysimachia nemorum

E 10-11, 16, 18, 23, 27.
W 1-2, 4, 8, 10, 12-13, 15-17, 20-24, 28-33, 38-40,
45, 47-48, 53, 55, 60-62.

Glaux maritima

W 1-2, 8, 13, 16, 20-22, 27-29, 36, 43, 51-52, 55-56, 61.
W: Killala. Achill. Achill Beg! Mullet. Clare Island. Inishturk. Inishkea N. & S.

Anagallis minima

W 28.
W: Erris (Moore). Roadside about two miles west of Mallaranny (Marshall). Achill — with *Radiola* on steep slopes in Glenanaff! Mullet. Inishturk — often abundant in damp roadsides and in fields that have gone out of cultivation. In Mullet often rewarded a search among the *Radiola* that was so constant a feature of the road edges (Praeger).

Anagallis tenella

E 3, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 8-10, 12-13, 15-17, 19-24, 26-33, 35-38,
40, 43, 45-48, 50-53, 55, 60-62.

Anagallis arvensis

E 6, 10-11, 16, 18.
W 1, 13, 15-17, 20-22, 27-28, 35, 39-40, 43, 48,
50, 56, 62.

Samolus valerandi

E 10-11, 16.
W 1, 8, 13, 16, 20-22, 26-27, 33, 35, 40, 43, 45, 48, 50, 55, 61-62.
E: Ballymore Lake. Lake N.W. Claremorris. Ballaghaderreen. Lough Mask.
W: Ballina. Lough Conn. Achill. Achill Beg! Mullet. Clare Island. Inishturk.
Inishkea N. & S.

PLUMBAGINACEAE

Armeria maritima

W 1-2, 8, 13, 15-16, 19-22, 26-30, 35, 37, 40, 43,
50-52, 56, 60-62.
W: Coast and the following mountains: Croaghpatrick, Nephin, Corraun,
Croaghau. A pubescent form recorded from Achill — Druce (Prager 1939).

Limonium humile

W 16, 22.
W: Westport Quay, remarkably luxuriant (*Botanist in Ireland*).

Limonium binervosum

W
W: Rocks by shore at Kildun (Perring).

OLEACEAE

Fraxinus excelsior

E 6, 10-12, 16, 18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 21-24, 28, 30-33, 38-40,
45, 48, 50, 52, 55-56, 62.

Ligustrum vulgare

E 10, 12, 16-18.
W 4, 15-17, 20, 22-23, 27, 29-30, 33, 40, 46, 48, 50.

GENTIANACEAE

Cicendia filiformis

W
W: In damp sandy hollows near the western shore of Keel Lough (Moon).

Blackstonia perfoliata

E 3, 10-11.
E: Balla. Ballinrobe (Mrs. Persse). Clonbur. Lough Mask. Lough Garra. Half mile
west of Partry.

Centaureum erythraea

E 10-11, 16, 18, 23, 27.
W 1-2, 8, 10, 13, 15-17, 19-22, 27-28, 32, 35, 40,
43, 46-48, 50-52, 55-56, 62.
E: N. of Claremorris.
W: var. *capitata* at Mallaranny (Marshall).

Gentiana verna E
E: Lough Carra near Moore Hall (Ball; More; Mrs. Persse). Cloghmoyne.

Gentianella campestris E 10-11, 18.
W 13, 20, 35, 43, 47, 50-51.
E: Callow. Carrowkerribly Lake. Ballinrobe.
W: Newport. Pontoon. Westport. Lough Conn. Dunes west of Belmullet. Clare Island. Inishturk.

Gentianella amarella E 10.
W 8, 43, 56, 62.
E: Turlough N.W. of Claremorris. Ballinrobe. S. of Lough Mask. Lough Carra (Ball).
W: Killala. Bartragh Island (Mackay). Dunes west of Belmullet.

MENYANTHACEAE

Menyanthes trifoliata E 10-12, 16-18, 22-23, 27.
W 1-2, 9-10, 13, 16-17, 19-20, 23-24, 26-31, 36-40,
45-48, 50, 53, 55, 60-61.

RUBIACEAE

Sherardia arvensis E 11, 16, 18, 23.
W 16, 22, 24, 31, 33.
E: Callow.
W: Killala. Lough Conn. Achill. Inishturk.

(*Asperula cynanchica*) W
W: "This is common about Castlebar" (P. Browne — Fasciculus). The record was not included in *Cybele Hibernica* (2nd. ed.) which contained other records from the Fasciculus. The species is said to be common on Lough Corrib and might occur in East Mayo or about Castlebar!

Galium boreale E 10.
W 4, 17, 40.
E: Lough Mask (Kane). Lough Carra (Ball). Castlebar (Browne).
W: Lough Beltra (Colgan). Lough Conn. Lough Cullin. Pontoon. (Lusteen Is., in Lough Mask are in v.c. 16).

Galium odoratum E
W 15-16, 22, 30.
E: S. of Claremorris. Kilmovee.
W: Westport Demesne.

Galium palustre E 10-12, 16, 18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 36-40, 43,
45-48, 50, 52-53, 55, 60-62.

Galium verum E 3, 6, 10-12, 16, 18, 23, 27, 31.
W 1-2, 13, 15-17, 20-21, 24, 27-28, 30-31, 33, 35-37,
39-40, 43, 47-48, 50-52, 55-56, 62.

Galium saxatile E 10, 16, 23, 27.
W 1-2, 4, 10, 13, 16-17, 19-24, 26-32, 36-40, 43,
45-47, 51-53, 55, 60-62.

Galium aparine E 10-12, 16, 18, 22, 27, 31.
W 1-2, 4, 13, 15-17, 19-23, 27-28, 30-33, 35, 39-40,
43, 45, 47-48, 50, 55-56, 62.

Rubia peregrina E 3.
W
E: South of Lough Mask (Marshall & Shoolbred). Lough Carra (Ball; Praeger).
Cloghmoyne.
W: Mweelrea (Hart; Colgan).

CONVOLVULACEAE

Calystegia soldanella W 27.
W: Keel, 1957 (B.S.B.I. Field Card). Ceathru an Uisce (Rohu).

Calystegia sepium E 6, 10-12, 17-18, 22, 27.
W 4, 13, 15-17, 22, 27-28, 40, 43, 47-48, 50,
55-56, 62.

Calystegia silvatica E 23.
W 17, 23, 40, 62.
E: Kilkelly, 1958 (B.S.B.I. Field Card).
W: East end of Errew Peninsula, Lough Conn (Perring).

Calystegia pulchra E 17.
E: Ballyfarnagh, 1958 (B.S.B.I. Field Card) (*C. dahurica*).

Convolvulus arvensis E 10, 16.
W 13, 16-17, 22, 35.
E: Ballinrobe (Mrs. Persse). Lisloughry (Miss Jackson). Field near Cong.
W: Knockbane. Clare Island. Inishkea N.

BORAGINACEAE

Lithospermum officinale W 40.
W: Frequent round Lough Conn and at Ballina.

Symphytum officinale W 21, 28.

Symphytum x uplandicum E 10, 12.
W 23, 40, 47-48.

Pentaglottis sempervirens W 21.
W: Mulrany, 1962, M. McCallum Webster. (B.S.B.I. Field Card).

Myosotis arvensis E 10-12, 16, 18, 23.
W 13, 16-17, 19-20, 22-24, 27-28, 31, 35-36, 39,
47-48, 50, 55, 62.

Myosotis ramosissima E
E: Ballinrobe (Mrs. Persse).

Myosotis discolor E 23.
W 1, 13, 17, 20, 23, 28-29, 31, 39, 43, 52.
E: N. of Claremorris. Ballaghaderreen. Foxford.
W: Ballina. Rosserk. Pontoon. Achill. Clare Island.

Myosotis secunda E
W 1-2, 4, 10, 13, 17, 20-21, 23, 26-29, 37, 39, 45,
48, 52-53, 55, 61.
E: Glenaduff.
W: Nephin. Lough Conn. Pontoon. Achill. Mullet. Clare Island. Inishturk.

Myosotis laxa E 10-12, 16-18, 23, 27.
W 1, 13, 15, 17, 19-20, 23-24, 26-31, 33, 36, 39-40,
43, 45-48, 52-53, 56, 61-62.

Myosotis palustris (*M. scorpioides*) E 10-11, 16, 18, 22-23, 27.
W 16, 19-20, 22-23, 40, 47-48, 50.

VERBENACEAE

Verbena officinalis E
E: Cong (Marshall & Shoolbred).

CALLITRICHACEAE

Callitriche hermaphrodita E
W 22.
E: Cong (Babington, *Cybele*). E. of Foxford (More, *Cybele*).
W: Newport, 1958 (B.S.B.I. Field Card) — not in *Atlas*.

Callitriche stagnalis E 12.
W 1-2, 13, 17, 19-20, 22-23, 26-31, 36, 38-39, 43,
46-47, 50, 52-53, 55-56, 60-62.

Callitriche obtusangula E
W 33.
E: N. of Claremorris.
W: At Castlebar and in streams between Westport and Newport (Marshall).

Callitriche intermedia E ?
W 1-2, 16-17, 29, 38-40, 47.
E: (BGX 94/22).
W: Mallaranny (Marshall). Borrishoole and in the mullet (Babington, *Cybele*). Lake
on Mweelrea (D. McArdle, *Cybele*). Mullet.

Callitriche brutia W
W: Clare Island. Mullet (Babington).

LABIATAE

- Ajuga reptans* E 6, 10-11, 23, 27.
W 2, 4, 13, 16-17, 22, 30, 32, 39-40, 55.
- Teucrium scorodonia* E 3, 6, 10-11, 27, 31.
W 1-2, 13, 15-17, 20, 23, 29-30, 32-33, 39, 61.
- Scutellaria galericulata* E
W 23.
E: S. of Lough Mask (Marshall & Shoolbred). Shore of Lough Corrib, a little north of Morris Is.
W: Birreen — Kilhale (B.S.B.I. Field Card).
- Scutellaria minor* E
W
E: Near Foxford (More — Praeger 1901). Shore of Lough Corrib, a little north of Morris Is.
W: Pontoon. Near Foxford (More — Praeger 1901). Achill — Keel Lough! (Lusteen Is., Lough Mask are in v.c. 16).
- Galeopsis speciosa* E 27.
W
E: Callow. Near Foxford (More, *Cybele*). Swinford (B.S.B.I. Field Card, 1958).
W: Pontoon.
- Galeopsis tetrahit* E 11-12, 16, 18, 23, 27.
W 1-2, 4, 13, 17, 20, 23, 27-32, 39-40, 46-48, 52-53, 55-56, 62.
E: Foxford. N. of Claremorris.
W: Ballina. Killala. Achill. Mullet. Clare Island. Inishturk.
- Lamium purpureum* E 10, 12, 16, 23.
W 16-17, 20, 22-23, 27-28, 33, 40, 50, 56, 61.
E: Ballaghaderreen.
W: Killala. Pontoon. Achill — var *decipiens* at McDowell's Hotel, Dugort, W. Watson (Praeger 1939). Mullet. Clare Island. Inishturk. Inishkea N. & S.
- Lamium hybridum* E 18.
W 2, 13, 28-29.
E: N. of Ballyhaunis, 1958 (B.S. B.I. Field Card).
W: Achill — Dooagh and Bull's Mouth. Clare Island. Inishturk. Inishkea N. & S.
- Lamium mollucellifolium* E
W
E: E. of Foxford.
W: Ballina. Mallaranny — oat field (Marshall). Achill — frequent in the E. half. Mullet. Clare Island. Inishturk. Inishkea N. & S.
- Lamium amplexicaule* E
E: Foxford (More, *Cybele*).
- Ballota nigra* subsp. *foetida* E
E: Ballinrobe (Mrs. Persse).

- Stachys sylvatica* E 11, 16, 18.
W 4, 10, 13, 16-17, 22-24, 30, 33, 40, 55.
- Stachys palustris* E 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-20, 22-24, 27-29, 31, 35, 38, 40, 45-47, 50, 53, 56, 61-62.
- Nepeta cataria* E
W
E: Cong (Wade 1802; Miss Jackson, *Cybele*).
W: Between Newport and Castlebar (Ball). South-west side of Lough Conn.
- Glechoma hederacea* E 10, 16, 18.
W 17, 21, 23, 33, 48, 55.
E: N. of Claremorris. Foxford.
W: common.
- Prunella vulgaris* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 35-40, 43,
45-48, 50-53, 55-56, 60-62.
- Calamintha ascendens* E
E: Cong (Wade 1802; Marshall; Miss Jackson, *Cybele* 2).
- Origanum vulgare* E
W 17.
E: Common round Cong (Marshall & Shoolbred; Miss Jackson, *Cybele* 2).
W: Ballina.
- Thymus praecox* W 6, 10-11, 23, 31.
W 1-2, 8, 10, 13, 16-17, 19-22, 26-28, 30, 35, 40,
43, 50-52, 56, 61-62.
- Lycopus europaeus* E
W
E: Lough Cullin.
W: Pontoon. Lough Conn.
- Mentha arvensis* E 16.
W 16, 27.
E: Callow.
W: Ballina. Achill. Inishturk.
- Mentha aquatica* E 10-12, 16-18, 22-23, 27, 31.
W 1, 4, 10, 13, 15-17, 19-24, 27-28, 30-31, 33, 35,
39-40, 43, 45-48,
50-51, 53, 55-56, 61-62.
- Mentha aquatica x arvensis* E
E: By the Moy (More, *Cybele*).
W: Lough Conn, S. of Derreen.

- Mentha aquatica* x *spicata* (*M.* x *piperita*) E
W
E: Carrowkerribly Lough.
W: Near Newport. Achill.
- Mentha suaveolens* E
W 27, 28.
E: Ballinrobe (Mrs. Persse).
W: Foot of Nephin near a cottage (Hart; More). Ballinderg Bridge, W. of Nephin (Hart).
- Mentha longifolia* W
W: Lough Tierna, W. of Newport, 1980, M.Scannell (DBN).
- Mentha spicata* W 40.
W: Clare Island (Doyle & Foss).

SOLANACEAE

- Lycium barbarum* W
W: BGX — 94/26; 94/27.
- Atropa belladonna* E
W
E: BGX 94/23 (pre 1930).
W: Westport Demesne, c. 1980, !
- Hyoscyamus niger* E
W
E: Ballinrobe (Mrs. Persse).
W: Inishkea — flourishes about the ancient inscribed cross which stands above the harbour on the south island.
- Solanum nigrum* E
E: Lough Mask near Ballinrobe (Mrs. Persse).
- Solanum dulcamara* E 10-11.
W 16, 21.
E: Lough Mask — shore and islands (de V Kane; Praeger). Between Clonbur and Cong (Marshall & Shoolbred).
W: Rocky islands at N. end of Lough Mask. Westport Demesne!

BUDDLEJACEAE

- Buddleja davidii* E
W 33.
E:
W: Roadsides around Pontoon, 1967-'83, D. L. Kelly.

SCROPHULARIACEAE

- Mimulus guttatus* E
W 27.
E: BGX 94/56; 94/66.
W: Near Glendavoolagh Lodge N. of Birreencorragh on gravelly river bed (Perring)
Achill — stream near N. end of Keel Lough, a form with brown spotted corolla
(possibly the hybrid, *M. lutea* x *guttatus*!).
- Verbascum thapsus* E 10.
W 16.
E: Clonbur (Marshall).
W: Moyne Abbey (Dickie).
- Scrophularia nodosa* E 12, 16, 18, 22-23, 27.
W 4, 13, 16-17, 21-22, 30, 32-33, 40.
- Scrophularia auriculata* E 10, 12, 16, 27.
W 15-17, 22-23, 40, 47-48, 56.
E: Claremorris. Ballinrobe (Mrs. Persse). Cong.
W: Newport (Marshall). Bundorragh at foot of Mwcelrea (Hart). Ballina. Killala.
Lough Conn.
- Antirrhinum majus* W 16.
- Chaenorhinum minus* E.
W
E: Claremorris.
W: Ballina. Railway line one mile W. of Westport (Perring).
- Cymbalaria muralis* E 11, 16.
W 2, 4, 16, 22-23, 50, 55-56.
E: S. of Claremorris.
W: Old walls, Castlebar (Marshall).
- Digitalis purpurea* E 10, 16, 22-23, 27, 31.
W 1-2, 4, 10, 13, 16-17, 19-24, 26-27, 29-33, 37-40,
45, 47, 52-53, 55, 60-62.
- Erinus alpinus* E
E: Cong Abbey, 1984, G. O. & K. G. Mountford.
- Veronica serpyllifolia* E 10-11, 17-18, 22-23, 27.
W 1-2, 4, 10, 13, 16-17, 19-23, 28-33, 35-36, 38-40,
45, 47-48, 52-53, 60-62.
- Veronica officinalis* E 10-11, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 27, 30-32, 38-40, 45, 47.
E: N. of Claremorris.
- Veronica chamaedrys* E 6, 10-12, 16, 18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 20-23, 27-33, 40, 45-48,
52, 55-56, 61-62.

- Veronica montana* E 17.
W
E: Kilmovee. S. of Claremorris. Lough Carra.
W: Derreen. Pontoon.
- Veronica scutellata* E 12.
W 1-2, 13, 17, 30, 38-40, 50.
E: N. of Claremorris.
W: Ballina. Clare Island. In most Atlas squares (Perring).
- Veronica beccabunga* E 10-11, 16-18, 23, 27, 31.
W 2, 13, 15-17, 19-24, 27-28, 30-33, 35, 39, 43,
45-46, 48, 50, 52, 55-56, 61-62.
- Veronica anagallis-aquatica* E 10-11, 17-18, 22-23.
W 1, 15-16, 22, 27-28, 35-36, 39, 43, 45, 48, 55, 62.
- Veronica catenata* E 16.
W 28, 33, 53.
E: W: Castlebar, Newport and near Mullaranny (Marshall).
- Veronica arvensis* E 10-11, 16-18, 22-23, 27.
W 1-2, 4, 13, 16-17, 19-20, 23-24, 27-28, 31-33, 39,
47-48, 55, 62.
- Veronica peregrina* W
W: Garden at Westport House, Mrs. Gough (Praeger 1939).
- Veronica agrestis* E 6.
W 13, 22, 47.
E: Lake N.W. of Claremorris.
W: Mallaranny (Marshall). Ballina. Rathreen Lough. Achill. Clare Island. Inishturk.
- Veronica polita* E
W
E: Near Claremorris.
W: Near Newport (Colgan). Killala. Clare Island. Inishturk.
- Veronica persica* E 11, 16.
W 2, 13, 16, 20, 27-28, 30, 45, 56.
E: Callow.
W: Ballina. Mullet. Clare Island.
- Veronica filiformis* E 6.
W 21, 27.
E: Portree House, Lough Carra; Ballinock Churchyard (McClintock, *B.S.B.I.*, 4, 395).
W: Westport (Praeger, *B.S.B.I.*, 2, 214). Bangor (McClintock, *B.S.B.I.*, 4, 395).
Mallaranny (McCallum Webster, *B.S.B.I.*, 6, 118).

- Veronica hederifolia* E 10.
W
E: N. of Claremorris.
W: At the quay, Westport.
- Melampyrum pratense* E
W 1, 8, 12, 20, 23, 26-27, 29, 31-32, 39-40, 47, 53.
E: Glenaduff. Turlough N.W. of Claremorris.
W: Rathroeen Lough. Rosserk. Lough Conn. Achill — var *montana* on Slievemore and Croaghaun, var *hians* from Sraheens Lough (Marshall). var *hians* also from Castlebar, Murrevagh Lough Near Mallaranny (Marshall).
- Euphrasia arctica* subsp. *borealis* E 10-12, 16, 18, 23, 27.
W 1-2, 8, 10, 13, 15-17, 19-21, 23-24, 27-32, 37-40, 45-48, 52-53, 55, 60-62.
E: N. of Claremorris.
W: Ballina. Malraranny (Marshall). Achill. Rosserk. Derreen. Crossmolina.
- Euphrasia tetraquetra* W 19-21, 26-27, 52, 61-62.
W: Clare Island.
- Euphrasia nemorosa* E 10.
W 10, 28.
E: S. end of Lough Carra (B.S.B.I. Field Card).
W: Pontoon.
- Euphrasia frigida* W 27.
W: Achill.
- Euphrasia micrantha* E 10, 23, 27.
W 1-2, 13, 17, 19-21, 26-27, 29-31, 40, 45, 47, 52-53, 60.
E: Keel Bridge, 1956 (B.S.B.I. Field Card.).
W: (Reported in *The Botanist in Ireland* as *gracilis*).
- Euphrasia scotica* E 10-11.
W 2, 17, 55, 62.
E: East of Foxford.
W: Mallaranny (Marshall). Ballina. Rathroeen Lough. Lough Conn. Achill — Lough Nakeeroge West; Lough Acorrymore; Slievemore; Dugort.
- Euphrasia salisburgensis* E 3.
E: South of Lough Mask (Marshall). On the rocks right up to the houses of the village (of Cong). Clonbur northwards, nearly to Ballinrobe, but not about Lough Carra. Cloghmoynce.
- Odontites verna* E 6, 10-12, 16-18, 27.
W 1, 8, 13, 15-17, 20, 22, 24, 27, 29, 31-32, 35, 39-40, 45-48, 50-51, 55-56, 62.
- Pedicularis palustris* E 11, 16, 18, 23, 27, 31.
W 1-2, 8-9, 13, 16-17, 20, 23-24, 29-30, 32-33, 39-40, 45-48, 53, 55, 60, 62.

Pedicularis sylvatica E 3, 10-11, 16, 18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-33, 35-40, 43,
46-48, 50, 52-53, 60-62.
subsp. *hibernica* occurs in W. Mayo (Webb, 1953)

Rhinanthus minor E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 8, 10, 13, 15-17, 19-23, 27-33, 35, 38-40,
43, 45-47, 50-53, 55-56, 62.

OROBANCHACEAE

Orobanche alba W
W: Clare Island.

Orobanche hederæ E
E: Cong Abbey (More). Lough Carra.

LENTIBULARIACEAE

Pinguicula lusitanica E
W 1-2, 9, 12, 16-17, 19-21, 26-30, 33, 38-39, 45,
60, 62.

E: Callow Lough. Carrowkerribly Lough.
W: Ballina. Nephin. Pontoon. Achill. Mullet. Clare Island. Inishturk — West end.

Pinguicula vulgaris E 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 8-10, 12-13, 16-17, 19-24, 26-30, 32-33, 38-40,
46-48, 50, 53, 55, 60, 62.

Utricularia minor E 10-12, 16-18, 23.
W 13, 17, 20, 23-24, 27-31, 38, 40, 46-47, 53.

Utricularia intermedia E 10, 18.
W 1-2, 7, 9, 13, 20, 27, 40-42, 47, 50.

Utricularia vulgaris E 10, 12, 17-18.
W 1, 20.

W: North of Claremorris. Ballinrobe (Mrs. Persse). Cong.
W: Ballina. Rathroeen Lough. Near Kinnadoohy, in a pool near the sea (Perring).

PLANTAGINACEAE

Plantago major E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 35-36,
38-40, 43, 45-48, 50, 52-53,
55-56, 60-62.

Plantago coronopus (E 10, 16.) No doubt errors.
W 1-2, 8, 13, 15-16, 19-22, 24, 26-30, 35-37, 43,
50-52, 56, 60-62.

- Plantago maritima* E 10-11, 23, 31.
W 1-2, 8, 13, 15-16, 19-23, 26-29, 32, 35, 37, 39-40,
43, 47-48, 50-53, 55-56, 60-62.
E: Turlough N.W. of Claremorris. Ballymore Lake. Carrowkerrilly Lake. Callow.
Lough Mask shore S. of Carrowaneeragh. Lough Carra (More, *Cybele*).
W: Common on the coast! and inland at Lough Conn, Lough Cullin and Beltra
Lough.
- Plantago media* E
E: Lisloughry; Mill pond near Cong (Miss Jackson). Hollymount (*Cybele*).
- Plantago lanceolata* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 35-40,
43, 45-48, 50-53, 55-56, 60-62.
- Littorella uniflora* E 10, 31.
W 2, 4, 13, 17, 19-20, 22-23, 26, 28, 30, 32-33,
39-40, 45, 47-48, 53, 60.
E: North of Claremorris. Ballymore Lough. Lough Carra.
W: Lough Conn. Rathreen Lough. Achill. Mullet — Ardmore L. and Cross L.
Clare Island. Inishturk. Inishkea N. & S.

CAPRIFOLIACEAE

- Sambucus ebulus* E
W
E: Claremorris. Ballinrobe (Mrs. Persse).
W: Borrishoole (G. P. Farran).
- Sambucus nigra* E 6, 10-12, 16-18, 22-23, 27.
W 4, 10, 15-17, 20-23, 27-28, 30, 39-40, 45, 47-48, 50,
55-56, 62.
- Viburnum opulus* E 10-11, 16.
W 1, 30, 32.
E: Turlough N.W. of Claremorris. Kilmovee. Lough Carra.
W: East side of Lough Conn.
- Symphoricarpos rivularis* E 23.
W 31.
- Lonicera periclymenum* E 6, 10-11, 16-17, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-27, 29-33, 37-40,
45-46, 50, 55, 60-61.

VALERIANACEAE

- Valerianella locusta*
Recorded for E & W in *The Botanist in Ireland* but records not traced.
- Valerianella rimosa* E
E: Foxford (More, *Cybele*).

Valeriana officinalis

E 16, 23, 27.
W 1-2, 10, 13, 16-17, 22-23, 29-32, 37, 39-40,
45-48, 52, 55, 61-62.

Centranthus ruber

W 16, 22, 30.

DIPSACACEAE

Succisa pratensis

E 3, 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 8, 13, 15-17, 19-24, 26-33, 36, 38, 40, 45-48,
51-53, 55-56, 60-62.

Knautia arvensis

E: North of Claremorris.

W: Ballina. Castlebar (Marshall).

E 10, 16, 18.
W 17, 47, 56.

CAMPANULACEAE

Campanula rapunculoides

W: In an old sloping pasture at Rossbeg, which had apparently never been broken up (Praeger 1903).

W

Campanula rotundifolia

E 3, 6, 10, 16, 31.
W 1-2, 8, 13, 15-16, 20, 22-23, 28, 30, 35, 40, 43,
48, 50, 55-56.

Wahlenbergia hederacea

W: River shingle by the Owenduff River at Lagduff Lodge, Rake, 1926 (Praeger, 1934). Grassy river shingle by Altaconey River, Nephin Beg (Perring). Owenduff River just East of Srahduggaun!
The Mayo plants are more than a hundred miles from the nearest known stations in Dublin and Kerry.

W 38.

Jasione montana

E: Clonbur (Marshall).

W: Pontoon. Achill. Achill Beg! Mullet. Inishturk. Inishkea S.

A form with spirally twisted pedicels is recorded from Achill (Parnell 1982).

E
W 1-2, 13, 17, 19-21, 23-24, 26-30, 35-39, 43, 45,
47, 50-53, 60-62.

Lobelia dortmanna

E: Ballymore Lake. Lough Corrib. Lough Mask. Near Foxford (More, *Cybele*).

W: Lough Conn. Lough Cullin. Frequent in the lakes westward from Newport (Marshall). Achill — "Frequent at low level; Lough Gall, Sraheens Lough, Mweelin Lough, Black Lough, N. end of Keel Lough, Bunafreva Lough East, and in a lakelet west of it, Annagh Lough" (Praeger 1904). Mullet — Ardmore Lough. Inishturk — Lough Namucka and Lough Aleen.

E 10.
W 2, 17, 19-20, 22, 27-28, 31, 36-40, 45, 47, 51,
53, 60.

COMPOSITAE

- Eupatorium cannabinum* E 10.
W 1, 13, 35, 43.
E: Lough Carra.
W: Mullet. Clare Island.
- Solidago virgaurea* E 10-11, 16, 18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-32, 38, 40, 45,
47, 52-53, 60.
- Bellis perennis* E 3, 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 16-17, 19-24, 26-33, 35-40,
43, 45-48, 50-53, 55-56, 60-62.
- Aster tripolium* W 1, 13, 16, 20-22, 28-30, 43, 50, 55-56.
- Erigeron acer* E
E: Near Cong cross; between Cong cross and Kilmaine (Miss Jackson). South shore of Lough Mask, Miss Sayers (Praeger 1939).
- Filago vulgaris* E
W
E: North of Claremorris. Ballyhaunis. Carrowkerribly Lake. Foxford.
W: Pontoon. Lough Conn. Clare Island.
- Logfia minima* W
W: Sandy bays, west shore of Lough Mask.
- Omalotheca sylvatica* E
W
E: Foxford (More). Carrowkerribly Lough. Cong.
W: Carrick Kennedy (Colgan). Lough Conn (More). Pontoon. Achill. Clare Island.
- Gnaphalium uliginosum* E
W 1, 4, 13, 16, 20-21, 23-24, 28-29, 32, 38, 43,
45-46, 52-53.
E: Foxford. Carrowkerribly Lake.
W: Common. All islands except Inishkea N.
- Antennaria dioica* E 3, 10-11, 17-18, 23, 27.
W 2, 8, 13, 20-21, 26-40, 47-48, 55.
- Inula helenium* E
W
E: Near Headford (Linton). Milford (Miss M. F. Jackson). Rough field at Carrown-acon, Lough Carra.
W: Moyne Abbey. Newport (G. P. Farran).
- Pulicaria dysenterica* E 11.
W 13, 15-16, 22.
E: North of Claremorris.
W: Pontoon. Mullet. Clare Island.

- Bidens tripartitus* E
W 13, 19.
E: Cong (Marshall & Shoolbred).
W: Pontoon. Mallaranny (Marshall). Achill. Mullet, especially about Cross Lough and Leam Lough. Clare Island.
- Bidens cernuus* E
W 1, 27-28, 40.
E: North of Claremorris. Ballaghaderreen.
W: Lough Conn. Ballina. Achill. Mullet — Portnafranka inlet. Dooaghtry — var *radiata*.
- Anthemis cotula* E
W
E: Roadside near Partry, Lough Carra.
W: Ballina.
- Achillea ptarmica* E 10, 16, 23, 27.
W 1-2, 13, 15-17, 19-20, 23-24, 29-33, 38-40, 43, 45-46, 48, 50, 53, 56, 60-61.
E: Carrowkerribly Lough. Callow. Foxford.
W: Common. Islands except Inishkea N.
- Achillea millefolium* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35-36, 39-40, 43, 45-48, 50-53, 55-56, 60-62.
- Chamaemelum nobile* E
W 45.
E: Ballymore Lake. "Narrow Lake" (Marshall & Shoolbred).
W: Lough Conn. Lough Cullin. Birreencorragh. Delphi. Sandy west shore of Lough Mask. Achill — about Cashel. Mullet — sandy road edges in the north.
- Matricaria maritima/perforata* agg. E
W 1-2, 13, 15-16, 19-22, 27-29, 35-36, 40, 43, 50-51, 56, 62.
E: Ballaghaderreen.
W: Ballina. Achill. Mullet. Clare Island. Inishturk. Iniskhea N. & S.
- Matricaria maritima* W
W: Achill Beg! Clare Island.
- Matricaria perforata* W
W: Louisburgh, Rohu (DBN).
- Chamomilla recutita* W
W: Ballina. Roadsides and waste ground at Westport, Newport and Mallaranny (Marshall).
- Chamomilla suaveolens* (*Matricaria matricarioides*) E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 27-32, 35-36, 38-40, 43, 45-48, 50-51, 53, 55-56, 62.

- E: Foxford — road and railway. Turlough N.W. of Claremorris. Every road and lane right round Lough Conn.
W: Newport and Westport (Colgan). Foxford. Ballina. Achill. Clare Island — greatly increased between 1903 & 1911. Inishturk — has completely taken possession of the village of Garranty, where it occupies the “roads” to the exclusion of other weeds (Praeger 1907).
- Chrysanthemum segetum* E 17-18, 23.
W 2, 13, 16, 19-20, 24, 27-28, 40, 45, 47, 56, 62.
E: North of Claremorris. Ballaghaderreen.
W: Ballina. Pontoon. Lough Conn. Nephin. Achill. Mullet. Clare Island. Inishturk.
- Tanacetum vulgare* E 16, 22.
W 2, 19, 40, 62.
E: Swinford. In a rough field, Ballintober, Lough Carra.
W: Achill. Mullet.
- Tanacetum parthenium* E
W
E: BGX 94/54.
W: BGX 84/99.
- Leucanthemum vulgare* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 27-32, 35-37,
39-40, 43, 45-48, 50, 52-53,
55-56, 60-62.
- Artemisia vulgaris* E 11, 16, 23, 27.
W 16, 19, 22-23, 27-29, 31-32, 35, 39-40, 45, 47-48,
53, 55-56, 62.
- Artemisia maritima* W
W: “This grows on one of ye islands West of Westport” (Browne 1788).
- Tussilago farfara* E 6, 10-12, 16-18, 22, 27, 31.
W 1, 4, 8, 13, 15-17, 19-20, 22-24, 27, 29-32, 35,
39-40, 43, 45-48, 50, 52-53,
55-56, 61-62.
- Petasites hybridus* E 16, 18.
W 16-17, 23, 30, 40, 53, 55, 62.
E: Ballymore Lake. North of Claremorris. Ballaghaderreen.
W: Ballina. East side of Lough Conn.
- Petasites fragrans* E 11.
W 55.
E: South of Claremorris.
W: Ballina.
- Senecio jacobea* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 16-17, 19-24, 26-33, 35-40, 43,
45-48, 50, 52-53, 55-56, 60-62.

- var *discoidea* W
W: Achill — about Old Dugort and Valley, with the type. Mullet — as abundant as the type, accompanied by every intermediate stage.
- Senecio aquaticus* E 6, 11-12, 16-18, 22-23, 27, 31.
W 1-2, 10, 13, 15-17, 19-24, 27-33, 35-39, 43, 45-48, 50-53, 55-56, 60-62.
- Senecio sylvaticus* E 23.
W 13, 20, 29-30, 36, 45, 53, 61.
E: Ballaghaderreen.
W: Lough Conn. Achill. Mullet. Clare Island.
- (*Senecio viscosus*) (W.)
(W): Mullet (Babington 1837) — not seen by Praeger (1905) who believed the record was based on *S. sylvaticus*!
- Senecio vulgaris* E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 13, 15-17, 19-24, 27-33, 35, 39-40, 43, 45, 47-48, 50, 53, 55-56, 61-62.
- Carlina vulgaris* E 3, 10-11.
W 1-2, 8, 56.
E: Callow. Near Cong (Miss Jackson). Turlough N.W. of Claremorris. Lough Mask.
Lough Carra. Half mile W. of Partry.
W: East side of Lough Conn. West of Castlebar (Marshall). Dooaghtry. Achill. Inishturk.
- Arctium minus* E 6, 10-12, 16, 18.
W 1-2, 4, 10, 15-17, 19-24, 27-33, 36, 38-40, 43, 45, 47-48, 50, 55-56, 62.
- Saussurea alpina* W 13.
W: Sheefry (Colgan). Lough Bawn. Croaghpatrick (Hart). Corraun — Lough Cullydoo! Clare Island — half dozen colonies along the 1,200ft. path on Croaghmore.
- Carduus nutans* W
W: Clare Island (Hon. Emily Lawless, *Cybele*).
- Carduus tenuiflorus* E 16.
W 16.
E: Ballaghaderreen.
W: Railway ballast, east of Mallaranny (Marshall).
- Cirsium vulgare* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 10, 13, 15-17, 19-24, 26-33, 35-37, 39-40, 43, 45-48, 50, 52-53, 55-56, 60-62.
- Cirsium dissectum* E 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-20.
E: Foxford. Ballaghaderreen.
W: Ballina. Lough Conn. Achill. Achill Beg! Mullet. Clare Island. Inishturk. Inishkea S.

- Cirsium palustre* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 27, 29-33, 35, 37-40,
43, 45-48, 52, 55, 61-62.
- Cirsium arvense* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 20-24, 27, 29-32, 36, 39-40,
43, 45-48, 50, 52-53, 55-56, 60-62.
- Centaurea scabiosa* E 10.
E: Ballyhaunis. Cong (Miss M. F. Jackson).
- Centaurea nigra* E 3, 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 27-33, 35-36, 38-40,
43, 45-48, 50-53, 55-56, 60-62.
- Cichorium intybus* E
W
E: Ballinrobe (Mrs. Persse). Mount Falcon. Lackafinna, Cong (Miss M. F. Jackson).
W: Cloghans (Miss A. C. Lewis, *ITB; Ir. Nat.*, 8, 228). Pontoon. Inishkea S.
- Hypochoeris radicata* E 3, 6, 10-12, 17-18, 23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-23, 16-33, 35-40, 43,
45-48, 50-53, 55-56, 60-62.
- Leontodon autumnalis* E 6, 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-33, 35, 37-38, 40,
45-48, 52-53, 55, 61-62.
- Leontodon hispidus* E 3, 10, 16.
W 2, 17, 24, 39.
E: Manulla. Cong. Near Hollymount (More). Lough Carra — shores and islands.
W: Abundant in a single field half a mile north of Killacorraun (Perring).
- Leontodon taraxacoides* E 10-11, 17-18, 23.
W 1-2, 4, 8, 13, 15-17, 19-20, 22-23, 27-30, 35-37,
43, 47-48, 50, 60-61.
- Tragopogon pratensis* E
W 16-17.
E: Hollymount (More).
W: Westport and West of Castlebar (Marshall).
- Sonchus asper* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-23, 27-32, 35, 37, 39-40,
43, 45-48, 50, 52-53, 55-56, 61-62.
- Sonchus oleraceus* E 10-12, 16-18, 23, 27.
W 1-2, 4, 13, 15-17, 20-24, 27-28, 30, 35, 40, 45,
47-48, 50, 55-56, 62.
- Sonchus arvensis* E 6, 10-12, 16-18, 23, 27.
W 1, 13, 15-16, 19-22, 27-28, 35, 38, 40, 43, 56, 62.

- Mycelis muralis* E
W
E: BGX 94/34. Cong — walls of town, 1984, J. O. & K. C. Montford.
W: Roadside, Carrowniskey, south of Louisburg (Rohu).
- Taraxacum brachyglossum* E
E: Cloghmoyné !; Lough Carra, 1977, Lady Anne Brewis (DBN).
- Taraxacum degelii* W
W: (Richards 1972).
- Taraxacum lacistophyllum* E
E: Lough Mask — Dringeen, 1977, Lady Anne Brewis (DBN).
- Taraxacum palustre* E
E: Lough Mask — Dringeen, 1977, Lady Anne Brewis; S.E. shore, E. Booth (DBN).
- Taraxacum webbiai* E
E: Lough Carra, 1977, Lady Anne Brewis (DBN).
- Taraxacum lainzii* W
W: (fide A. J. Richards, 1982).
- Taraxacum landmarkii* E
E: Lough Mask — Dringeen, 1977, Lady Anne Brewis (DBN).
- Taraxacum nordstedtii* E
W
E: Lough Mask — Dringeen, 1977, Lady Anne Brewis (DBN).
W: (Richards 1972).
- Taraxacum unguilobum* E
W
E: Lough Carra — Cloonee, 1977, Lady Anne Brewis (DBN).
W: (Richards 1972).
- Taraxacum copidophyllum* E
E: Lough Carra — Cloonee, 1977, Lady Anne Brewis (DBN).
- Lapsana communis* E 11-12, 16-18, 22-23, 27.
W 4, 13, 16-17, 20-23, 28, 30-32, 40, 46-48, 50,
55, 62.
- Crepis paludosa* E 16, 23.
W 1-2, 16-17, 23, 29-30, 32, 38-39, 46-47, 55, 61.
E: North of Claremorris. Hollywood and Foxford (More). Glenaduff. Kilmovee.
Lough Carra at Derrinrush.
W: Lough Cullin. Pontoon. Lough Beltra. Croaghpatrik. Marshy pastures at
Castlebar, Westport and Mallaranny (Marshall).
- Crepis biennis* E
E: Abundant in hedgerow by Lough Carra at Moore Hall (Perring).

- Crepis capillaris* E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 10, 13, 15-17, 19-23, 26-33, 35-36, 39-40,
47-48, 50, 52-53, 55, 61-62.
- Crepis vesicaria* (*C. taraxacifolia*) E 6, 10, 16.
W 16, 24, 30.
W: Quarry road, Lisloughry (Miss Jackson).
W: North of Burren, 1958 (B.S.B.I. Field Card).
- Hieracium pilosella* agg. E 6, 10-12, 16-18, 23, 27, 31.
W 1-2, 4, 8, 13, 15-17, 20-24, 27-33, 39-40, 46-48,
55-56, 62.
- Hieracium angustisquamum* W
W: S.W. shore of Lough Conn, 1900, Praeger (DBN).
- Hieracium anglicum* E
W
E: On a low range of rocks that fronts the lake near Knocknagool, Lough Mask.
W: Nephin (Hart). Westport and Croaghpatrick (Hart). Mweelrea (Hart). Lough
Bawn. Achill — Slievemore (Hart); inaccessible ledge on Slievemore (Praeger).
Clare Island — Croaghmore cliffs and on low sea cliffs at Doontrasna.
- Hieracium hebridense* W
W: Wall at the falls at Westport, 1935, F. R. Browning (DBN).
- Hieracium iricum* E
W
E: Shangorman Is., Lough Mask. West shore of Lough Carra.
W: Rosserk. Lough Conn. Doo Lough (Hart). Mount Gable near Clonbur (Marshall
& Shoolbred; *Cybele*).
- Hieracium maritimum* W
W: Rocks at Pontoon, 1932, Praeger (DBN).
- Hieracium umbellatum* s.s. W
W: Lough Conn. Lough Cullin. Achill Island — Annagh Lough.
(Lough Mask — Lusteen Is. are in v.c. 16).

MONOCOTYLEDONES

ALISMATACEAE

- Baldellia ranunculoides* E 12, 18.
W 1, 13, 17, 22, 32-33, 40, 43, 48, 55.
E: North of Claremorris.
W: Ballina. Mullet. Clare Island. Inishkea N. & S.
- Alisma plantago-aquatica* E 10, 16.
W 1, 13, 17, 22-23, 30, 32-33, 45.
E: Ballaghaderreen.
W: Ballina. Clare Island.

Alisma lanceolatum

E
W

E: River Moy near Swinford, 1933, Praeger (DBN).

W: Marquis of Sligo's demesne, 1865, Barrington; River Moy at Ballina, 1933 Praeger; Lough Conn shore, north of Pontoon, 1933, Praeger (DBN).

HYDROCHARITACEAE

Elodea canadensis

E 11.
W.

E: Kilmovee. Lough Corrib and Lough Mask (Marshall & Shoolbred).

W: BGX 94/13.

JUNCAGINACEAE

Triglochin maritima

W 1, 8, 13, 16, 20-22, 28-29, 43, 47, 50-51, 55-56, 61.

Triglochin palustris

E 10-12, 16-18, 22-23.
W 1-2, 8, 13, 15-17, 20, 23-24, 26-30, 33, 35, 39-40,
43, 45-48, 50, 53, 55-56, 60-62.

POTAMOGETONACEAE

Potamogeton natans

E 10-11, 18, 23, 27.
W 1-2, 13, 16-17, 20, 22-23, 27-28, 30-33, 39-40,
43, 46, 50, 55, 62.

Potamogeton polygonifolius

E 10-12, 16, 18, 27.
W 2, 4, 10, 13, 16-17, 19-20, 22-24, 26-33, 35, 37-40,
43, 45-48, 50-51, 53, 55, 60-62.

Potamogeton coloratus

E: Ballaghaderreen.

W: Ballina.

E
W

Potamogeton lucens

E 10.
W 17, 40.

E: Claremorris. Callow Lake. In the stream which drains Lough Carra.

W: West of Castlebar (Marshall). East side of Lough Conn. Sandy north end of Lough Mask.

Potamogeton gramineus

E
W 22, 47.

E: Cong and south end of Lough Mask (Marshall & Shoolbred). Lough Carra — in a stream which enters the lake at Moore Hall.

W: West of Castlebar (Marshall).

- Potamogeton gramineus* x *lucens* (*P.* x *zizii*) E
W
E: About Cong (Marshall & Shoolbred).
W: Westport (Marshall).
- Potamogeton gramineus* x *perfoliatus* (*P.* x *nitens*) E
W 27.
E: In the stream which drains Lough Carra and in a starved condition in the lake.
W: Lough Conn, south of Derreen. Achill — Keel Lough and Sruhillebeg Lough (More.).
- Potamogeton alpinus* W
W: Slow stream running into Castlebar Lake; Rossow River between Westport and Newport; Ditch draining into Derryloughan Lake near Newport (Marshall).
- Potamogeton praelongus* E
W
E: S.E. corner of Lough Mask (Marshall & Shoolbred). Lakes east of Foxford (More).
W: Lough Cullin (More). West and north of Clonbur (Marshall & Shoolbred). Mullet — Cross Lough and Newtown Lough.
- Potamogeton perfoliatus* E 11.
W 1, 27-28, 40, 47.
E: Ballymore Lake. Lough Carra.
W: Balina. East side of Lough Conn. Achill.
- Potamogeton friesii* E
E: Claremorris Lake (Marshall).
- Potamogeton pusillus* E 27.
W 22.
E: (North of Claremorris).
W: (Ballina. East side of Lough Conn. Achill. Mullet. Clare Island).
- Potamogeton obtusifolius* E 11.
W.
E: Hollymount, 1958 (B.S.B.I. Field Card).
W: Rathroen Lough.
- Potamogeton berchtoldii* E 11, 17-18, 23.
W 1, 13, 17, 55.
E:
W: Achill — Keel Lough, 1904, Praeger (DBN).
- Potamogeton berchtoldii* x *natans* (*P.* x *variifolius*) W
W: Glenamoy River below Glenamoy Bridge, McClintock (*Watsonia*, 6, 1967),
- Potamogeton crispus* E
W 16, 47.
E: Callow.
W: Ballina. East side of Lough Conn.

Potamogeton filiformis

E
W

E: Lough Cullin (More). Lough Carra.

W: Lough Cullin near Pontoon and at outlet (*Cybele*). Sandy north end of Lough Mask. Owenbrin River, Lough Mask. S.E. corner of Beltra Lough. Achill — Keel Lough and Trawmore; Sruhllbeg Lough. Mullet — Cross Lough.

Potamogeton pectinatus

W 1, 28.

W: Achill — Doo Lough, Lough Nambrack and one of the Dooninver Loughs.

Mullet — Cross Lough and Portnafranka Inlet Upper. Inishkea N. & S.

Groenlandia densa

W

W: River Moy above Ballina (Praeger 1934).

Ruppia maritima

W

W: In a brackish pond near Newport (Hart).

Zostera marina

W 20, 28.

W: Killala. Achill. Mullet.

Zostera angustifolia

W

W: Near Killala (Praeger, *Gleanings*).

ZANNICHELLIACEAE

Zannichellia palustris

E
W 1.

E: Cong (Marshall & Shoolbred).

W: Mud flats of the Moy below Ballina. Brackish Lough, Tobergortnaun, west of Mweelrea (Perring).

NAJADACEAE

Najas flexilis

W

W: One specimen in river at north end of Fin Lough, Delphi, 1937 (Mrs. Gough).
"No more seen when searched for by Mrs. Gough and myself later in the same year. Its home may possibly be in Doo Lough, a mile up the river, whence it may have floated down" (Praeger 1939).

LILIACEAE

Narthecium ossifragum

E 10-12, 16-18, 23, 27.
W 1-2, 4, 9-10, 13, 16-17, 19-24, 26-33, 35-40,
45-48, 50-53, 55, 60-62.

Hyacinthoides non-scriptus

E
W 2, 13, 15-16, 23, 29, 33, 40.

E: Kilmovee.

W: Derreen. Achill. Clare Island.

Allium schoenoprasum E
 E: On limestone crags south of Lough Mask (Marshall) — extending to within 100yds of Co. Galway (*J. Bot.*, 37, 327). Refound on limestone pavement at Dringeen on the S.E. side of Lough Mask — Marshall's station — 1941, Mrs. Teacher (Praeger 1946).

Allium ursinum E
 W 2.
 E: Ballinrobe (Mrs. Persse).
 W: Derreen. Crampaun River (Hart).

Allium babingtonii W
 W: Between Croaghpatrick and the sea (More). Inishturk — twice seen on borders of fields near the harbour.

Allium vineale E
 E: Cong church (Miss Jackson, *Cybele*).

IRIDACEAE

Iris foetidissima E
 W 16.
 E: Ballinrobe (Mrs. Persse). By river at Dalgan near Shrulc (Miss Jackson, *Cybele*).
 W: A good many plants by the roadside at Murrisk, close to the foot of Croagh Patrick (F. M. More; *I.Nat.*, 13, 42). Occasional in wild ground near cultivation, on the drive from Westport through Louisbourg (*I.Nat.*, 12, 269).

Iris pseudacorus E 6, 10-12, 16-18, 22-23, 27, 31.
 W 1-2, 4, 10, 13, 15-17, 20-23, 27-33, 35-36, 38-40, 43, 45-48, 50-53, 55-56, 60-62.

Tritonia aurea x *pottsii* (*T. x crocosmiflora*) E 10, 12, 16-17, 31.
 W 1-2, 4, 15-17, 20, 22-24, 27-30, 32-33, 35, 37, 40, 43, 45, 47, 50-53, 55, 60-62.

JUNCACEAE

Juncus maritimus W 1-2, 13, 16, 20, 22, 29, 43, 50-51, 56.
 W: Killala. Achill. Mullet. Clare Island. Inishturk.

Juncus inflexus E 11, 16-17, 27.
 W 16-17, 23-24, 48, 55-56.
 E: South of Claremorris.
 W: Ballina.

Juncus effusus E 6, 10-12, 16-18, 22-23, 27, 31.
 W 1-2, 4, 9-10, 13, 15-17, 19-24, 26-33, 35-40, 43, 45-48, 50-53, 55-56, 60-62.

Juncus conglomeratus E 11, 16, 18, 23, 27.
 W 1-2, 15-17, 19-21, 23, 26-27, 29-30, 32, 38-40, 43, 48, 52-53, 55-56, 60-62.

- Juncus squarrosus* E 10, 12, 16-18, 23, 27.
W 1-2, 4, 13, 15-17, 19-20, 22-24, 26-32, 35, 38-40, 45-47, 51-53, 55, 60-62.
- Juncus gerardii* W 1, 13, 15-16, 20-22, 28-30, 37, 43, 50-52, 55-56.
- (*Juncus tenuis*)
W: (By the road linking Lough Mask and Lough Nafuooy, near the top of the saddle on the west side, J. H. Rogerson, 1966) (*B.S.B.I.*, 7, 198; the record is from West Galway, H16 (*Watsonia*, 8, 167).
- Juncus foliosus* W
W: Achill — Lough Nambrack!
- Juncus bufonius* E 10-12, 16-18, 23.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-32, 35-39, 43, 45-48, 50, 52-53, 55-56, 60-62.
- Juncus ranarius* W
W: Lough Conn at Pontoon Bridge, 1972, Scannell (DBN).
- Juncus subnodulosus* E 10, 16, 18, 23.
W 48, 53, 55, 62.
E: North of Claremorris. Ballyhaunis. Carrowkerribly Lake. Moyview (More). Lough Carra.
W: Between Lough Belta and Newport (Colgan). Lough Conn. Ballina. Belmullet (More). Mullet — sandy marshes by roadside between Belmullet and Binghamstown — no doubt A. G. More's station. Swamp above Burrishoole Bridge, Lough Furnace (Marshall). Clare Island.
- Juncus bulbosus* E 11-12, 16-17, 23, 27.
W 1-2, 13, 15-17, 19-24, 26-33, 35, 38-39, 45-47, 51, 53, 55, 60-62.
- Juncus acutiflorus* E 6, 10, 16-17, 23.
W 10, 15-17, 19-20, 23, 27-32, 38-40, 45-48, 51-53, 55, 60-62.
- Juncus articulatus* E 11-12, 16-18, 22-23, 31.
W 1-2, 4, 9-10, 15-17, 19-24, 26-33, 35-40, 43, 45-48, 50-53, 55-56, 60-62.
- Luzula campestris* E 10-11, 23, 31.
W 1-2, 10, 15-17, 19-23, 26-30, 33, 35, 39-40, 43, 47, 50-51, 60, 62.
- Luzula multiflora* E 10-12, 16-18, 23, 27.
W 1-2, 10, 13, 15-17, 20-21, 24, 26-31, 33, 38, 43, 45-48, 52-53, 55, 60-62.

Luzula sylvatica

W 1-2, 15-16, 19-20, 22-23, 26-27, 29-30, 32-33,
E 23.
38, 40, 53, 60-61.

E: Kilmovee.

W: Nephin. S.W. Lough Conn. Achill. Clare Island. Inishturk.

Luzula pilosa

E: Kilmovee. Barnalyra Wood!

E

ERIOCAULACEAE

Eriocaulon aquaticum

W 2, 9, 17, 19-21, 28-29, 36-37, 53.

W: Newport (Marshall). Between Newport and Mt. Nephin (Mackay 1806). Lakes between Deel Bridge and Corslieve (Hart). North side of Lough Mask (Vowell, Cybele). Lough Coolin near Clonbur. Loughnadirkbeg (Marshall & Shoolbred). Corraun (White 1968). Achill — Sraheens Lough; Lough Gall and the three leakelets by the road $1\frac{1}{2}$ miles south of it; Mweelin Lough. Mullet — Ardmore Lough. Not on the islands.

GRAMINEAE

Festuca altissima

W: Lough Cullin — Drummin Wood, and Lough Conn (More).

W

Festuca gigantea

E: South of Claremorris.

W: Derreen.

E

W

Festuca pratensis

E: Turlough N.W. of Claremorris. Lough Carra.

W: Killala.

E 6, 10, 16.
W 17, 23, 33, 40.

Festuca arundinacea

E 11, 16.
W 15-17, 19, 30, 33, 40, 48, 53, 55.
E: Record in *I.T.B.* not traced. Hollymount, 1958 (B.S.B.I. Field Card). Balla, 1958, Miss Anderson (B.S.B.I. Field Card).
W: Rosserk.

Festuca rubra

E 6, 10-12, 16, 18, 22-23.
W 1-2, 10, 13, 15-17, 19-21, 23, 26-33, 38-40,
45-48, 52, 55, 61-62.

Festuca ovina

E 6, 10, 16, 23.
W 2, 10, 13, 15-17, 19-21, 24, 26-28, 30, 32, 35-36,
40, 43, 45, 47, 50-53, 56, 60-61.

- Festuca vivipara* E 23, 27.
W 1-2, 10, 15-17, 19-20, 22-24, 26-31, 38-39, 45, 47, 53.
E: Kilkelly, 1958 (B.S.B.I. Field Card). Swinford, 1958 (B.S.B.I. Field Card).
W: Inishturk — at sea level. Mullet — on dry heath near sea level, south end.
- Lolium perenne* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 15-17, 19-24, 26-33, 35-36, 38-40, 43, 45-48, 50-51, 53, 55-56, 60-62.
- Lolium multiflorum* E
W
E: BGX 94/47.
W: 16. BGX 94/06; 84/29.
- Lolium temulentum* E
W
E: Roadside near Partry, Lough Carra.
W: Inishturk.
- Vulpia bromoides* E 16, 27.
W 1-2, 4, 10, 13, 16-17, 19-21, 23-24, 26-30, 38-39, 47, 53, 61-62.
E: Ballaghaderreen.
W: Ballina. Achill. Mullet. Clare Island. Inishturk.
- Vulpia myuros* E
W
E: Near Hollymount (More).
W: In the town of Westport on walls (Praeger, *I.Nat.*, 12, 269).
- Desmazeria marina* W 1, 13, 16, 20-21, 27-28, 50, 52.
W: Mallaranny (Marshall). Achill. Mullet. Clare Island. Inishturk. Inishkea, N. & S.
- Desmazeria rigida* E 10-11, 17, 23.
W 1, 16, 22, 36, 43.
E: Clonbur and Cong (Marshall & Shoolbred).
W: Ballina. Bare sandy area near Tonakeera Point, west of Mweelrea (Perring).
- Poa annua* E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35, 37-40, 43, 45-48, 50-53, 55-56, 60-62.
- Poa trivialis* E 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-32, 36, 39-40, 45-48, 53, 55, 61.
- Poa subcaerulea* E
W 1-2, 15, 17, 20-23, 29.
E: BGX 94/24.
W: "Widespread" (Perring).

- Poa pratensis* E 6, 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-21, 23, 27-31, 33, 36,
39-40, 45-48, 52, 55-56, 61-62.
- Poa compressa* W
W: Railway at Ballina. Parapet of Erriff Bridge N.W. of Maamtrasna (Perring).
- Puccinellia maritima* W 1, 16, 20-22, 28-29, 37, 52.
W: Killala. Achill. Mullet. Inishturk. Inishkea. Clare Island (Doyle & Foss).
- Dactylis glomerata* E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 13, 15-17, 19-24, 26-30, 32-33, 35, 39-40,
43, 45-48, 50, 55-56, 60-62.
- Cynosurus cristatus* E 6, 10-12, 16, 18, 22-23, 27, 31.
W 1-2, 4, 8, 10, 13, 15-17, 19-24, 26-33, 35-40, 43,
45-48, 50-53, 55-56, 60, 62.
- Catabrosa aquatica* E 11-12.
W 1, 23, 62.
E: North of Claremorris. Ballaghaderreen.
W: Ballina. Rosserk. Achill. Mullet — var *littoralis* on dunes W. of Belmullet.
- Briza media* E 3, 6, 10-12, 16-18, 23, 27.
W 1-2, 15-17, 22-24, 31, 33, 39-40, 47-48, 50, 55-56.
E: Ballaghaderreen.
W: Ballina. Achill record not seen by Praeger.
- Sesleria albicans* E 3, 6, 10-11.
W
E: South of Lough Mask (Marshall & Shoolbred). On a low range of rocks that
fronts the lake near Knocknagool (Praeger 1909).
Lough Carra (More). One one side of a narrow shallow valley on green limestone
bluffs, half mile west of Partry (Praeger 1906).
W: West side of creek at Ballina (Moore, *Cybele*). Killala.
- Melica uniflora* E
W
E: (*I.T.B.* record not traced).
W: Pontoon (Praeger 1934). West shore of Cloon River, south of Srah to Partry
road (Perring).
- Glyceria maxima* W 22.
W: Achill — One patch in a swamp on west margin of Lough Nambrack. "While
the range of this grass in Ireland is such as to render its occurrence here as a
native highly improbable, no hint of introduction was gained by a study of the
plant's surroundings" (Praeger 1904). Newport, 1958 (B.S.B.I. Field Card).
- Glyceria declinata* E
W 2, 17, 20, 23, 48, 52-53, 62.
E: BGX 94/34; 94/55.
W: East of Westport (B.S.B.I. Field Card).

- Glyceria fluitans* E 10, 12, 16-18, 22-23, 27.
W 1-2, 10, 13, 16-17, 20, 23, 27-33, 39-40, 43,
45-48, 52-53, 55-56, 60-61.
- Glyceria plicata* E.
W 19, 31.
E: Near Hollymount (More).
W: Newport (Marshall). Ballina. Marsh one mile west of Westport; marsh south of
Glenisland; marsh by stream leading to Deel River at Killacorran (Perring).
- Bromus sterilis* E 6, 10.
E: S. of Ballinrobe (B.S.B.I. Field Card). N. of Lough Mask (B.S.B.I. Field Card).
- Bromus ramosus* E 16.
W 16.
E: South of Claremorris.
W: Record in Bot. in Ireland not traced. Carraholy — Barley Hill, north of Westport,
1958 (B.S.B.I. Field Card).
- Bromus erectus* E
E: (*fide* A. Farragher).
- Bromus commutatus* W
W: Railway at Newport (Marshall). Clare Island.
- Bromus racemosus* W
W: Pastures near shore at Bolinglauna (Perring).
- Bromus hordeaceus* E 6, 11, 16-18, 23, 27.
W 1-2, 13, 15-17, 19-23, 26-31, 33, 35, 39, 43,
45, 47, 52-53, 55, 61-62.
- Bromus x pseudothominii* E
W
E: Permanent pasture at north end of Lough Carra (Perring).
W: BGX 84/84, 94/04, 94/15.
- Bromus lepidus* E 11.
W 33, 47, 62.
E: Kilmovee.
W: Ballina. Clare Island. Inishturk.
- Elymus repens* E 10-12, 16-17, 27.
W 4, 13, 16, 21, 23, 28, 55, 62.
- Elymus farctus* W 13, 16, 20-21, 27-28, 35, 52.
W: Achill. Mullet — on cottage roofs. Clare Island. Inishkea N. & S.
- Elymus farctus x repens* W
W: On sea sand near Keel, Achill (Druce, *I.N.J.*, 2, 164).

Avena strigosa

E
W

E: BGX 94/34 — pre 1930.

W: BGX 94/08.

Avenula pubescens

E 3, 16.
W 1, 8, 17, 39.

E: North of Claremorris.

W: Near Tonakeera Point, west of Mweelrea — common in south-east Mayo but rare off the limestone; east of Killavally in rough pasture; a few plants in meadow by stream leading to Deel River at Killacorraun (Perring).

Arrhenatherum elatius

E 6, 10-12, 16-18, 22-23, 27.
W 1-2, 4, 15-17, 19-24, 27-32, 36, 38-40, 43, 45,
47-48, 50, 52-53, 55-56, 61-62.

Koeleria macrantha

E 3, 10-11, 16.
W 1, 8, 13, 16, 19-21, 27, 60-61.

E: Claremorris. Callow. South of Lough Mask (Marshall & Shoolbred).

Trisetum flavescens

E 10-11.
W 16-17.

E: North of Claremorris.

W: In somewhat calcareous grassland one mile S.W. of Westport (Perring).

Deschampsia caespitosa

6, 10-11, 16, 23.
W 2, 10, 13, 16-17, 22-23, 29, 39, 46-48, 55, 60-61.

E: Kilmovee.

W: Ballina. Achill. Inishturk — var *brevifolia*, a few specimens in a wet marsh at the west end of the island; It grows in small tufts, 6-7 ins high, with a comparatively small panicle of a golden-brown colour, rising about 30 ins (Perring 1907).

Deschampsia alpina

W: Mweelrea and Ben Gorm (Hart).

W

Deschampsia flexuosa

E 10, 16.
W 1-2, 13, 19-20, 23, 26-30, 38-40, 53, 60.

E: Glenaduff. Callow.

W: Nephin. Achill. Inishturk.

Aira praecox

E 6, 10-11, 16, 23, 27.
W 1-2, 4, 10, 13, 16-17, 19-21, 23-24, 26-33,
37-39, 43, 45-47, 52-53, 60-62.

Aira caryophylla

E 11, 16, 18, 23, 27.
W 1-2, 10, 13, 16-17, 19-21, 23-24, 26-32, 36, 38-40,
43, 45-48, 52-53, 55, 60-62.

Anthoxanthum odoratum

E 6, 10-12, 16-18, 22-23, 27, 31.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 35, 37-40,
43, 45-48, 50, 52-53, 55, 60-62.

- Holcus lanatus* E 6, 10-12, 17-18, 22-23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-33, 35-40, 43,
45-48, 50, 52-53, 55-56, 60-61.
- Holcus mollis* E 16.
W 9, 16, 24, 37, 43, 47-48.
E: Carrowkerribly Lake.
W: Killala. Hedgerow about a mile south-west of Westport with *Stellaria holostea* (Perring). Achill. Mullet. Inishturk. Inishkea S.
- Agrostis canina* E 3, 6, 10, 12, 16-18, 23, 27.
W 1-2, 10, 16-17, 19-20, 22-23, 26-29, 31-32, 35,
37-40, 46-48, 53, 55, 60, 62.
E: Ballymore Lake.
W: Killala. Mullet. Inishturk.
- Agrostis tenuis* E 6, 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-29, 31-33, 36-37,
39, 43, 45-48, 50, 52-53, 55, 60-62.
- Agrostis stolonifera* E 6, 10-12, 16-18, 23, 27.
W 1-2, 4, 13, 15-17, 19-20, 22-23, 26-32, 37, 39-40,
45-48, 50, 52-53, 55-56, 60-62.
- (*Agrostis nigra*: The Lough Carra record is based on *A. stolonifera* var *coarctata*)
- Ammophila arenaria* W 1-2, 15-16, 20, 28, 35, 43, 50, 56, 62.
W: Achill — Dooega Head in boggy soil on the verge of the cliffs, 70-150ft. above the sea — no sand anywhere near (Praeger 1904) Achill Beg! Mullet. Inishkea N. & S. Clare Island (Doyle & Foss).
- Calamagrostis epigejos* E
E: Cloghmoyne — in chinks of limestone pavement, sparingly (Praeger 1934).
- Phleum pratense* E 11-12, 16-18, 23, 27.
W 1, 4, 16-17, 22, 24, 33, 45-46, 48, 55-56, 61.
- Phleum arenarium* W 56.
W: Mallaranny (Marshall). Mullet.
- Alopecurus pratensis* E 6, 10.
W 16-17, 20-21, 30.
E: Ballagherreen.
W: Marsh one mile west of Westport; near Halfway House between Westport and Castlebar on damp railway bank (Perring).
- Alopecurus geniculatus* E 16.
W 1, 4, 13, 16-17, 19-21, 23-24, 27-31, 33, 45,
52-53, 56, 61.
E: Turlough N.W. of Claremorris. Ballagherreen.
W: Rosserk. Achill. Mullet. Clare Island. Inishkea S.

Phalaris arundinacea

E 10-11, 16, 23.
W 13, 16, 22-23, 30, 33, 35, 47, 56.

E: Ballaghaderreen.

W: Ballina. Achill (one station). Clare Island (one station).

Millium effusum

E
W

E: South of Claremorris.

W: Drumman Wood, Lough Cullin; Lough Conn (More).

Phragmites australis

E 10-11, 16-18, 23, 27.
W 1-2, 8-10, 13, 15-17, 19-23, 27-28, 30-33, 35,
39-40, 43, 45, 47-48, 50, 52, 56, 61.

Danthonia decumbens

E 10-12, 17-18, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-23, 26-33, 36-40, 45-48,
51-53, 55, 60-62.

Molinia caerulea

E 3, 10-12, 16-18, 23, 27.
W 1-2, 4, 9-10, 13, 15-17, 19-24, 26-32, 35-40, 43,
45-48, 50-53, 55, 60-62.

Spartina x townsendii

W 16.

W: Extensive plantings during 1929-32 by the Marquis of Sligo — growing well (Praeger 1932).

ARACEAE

Acorus calamus

W: BGX 84/88.

W

Arum maculatum

E 6, 10, 16, 31.
W 16-17, 33, 40.

W: Kilmovee.

W: Derreen.

LEMNACEAE

Lemna trisulca

E 11.
W 27.

E: Claremorris Lake (Marshall). Lough Carra.

W: Slow stream running into the S.E. end of Castlebar Lake (Marshall).

Lemna minor

E 11, 17-18, 23.
W 13, 16, 19-20, 23, 27-29, 35, 43, 50, 55-56.

SPARGANIACEAE

Sparganium erectum agg.

E 11, 16-18, 23.
W 1, 13, 16-17, 22-23, 27-28, 32, 39, 46, 48, 55, 62.

E: Kilmovee.

W: Ballina. Achill. Mullet. Clare Island.

Sparganium erectum subsp. *microcarpum*

E: Frequent at Clonbur (Marshall & Shoolbred; *Gleanings*).
W: Glenamoy, 1969, L. Burns.

Sparganium emersum

E 10.
W 32-33, 40.

E: Ballymore Lake.
W: Lough Conn. West of Castlebar (Marshall). Achill. Mullet.

Sparganium angustifolium

E
W 13, 19-20, 27-28, 45.

E: S.E. corner of Lough Mask (Marshall & Shoolbred).
W: East shore of Lough Conn. Between Newport and Mallaranny and at the base of Croaghpatrick (Hart). Derreen. Lough Bawn. Achill. Clare Island. Inishturk — frequent in the western lakelets and pools.

Sparganium minimum

E 11, 17.
W 13, 17, 20, 26, 29, 38, 46, 48, 55.

E: Ballinrobe (Mrs. Persse).
W: Ballina. Lough Conn. Rathreen Lough. Nambrackagh Lake on Buckoogh and Lough Lugaloughaun on Mweelrea (Hart). West of Castlebar (Marshall). Clare Island. Inishturk. (Not on Achill or Inishkea?).

TYPHACEAE

Typha latifolia

E 11, 16, 18.
W 1-2, 8-9, 16-17, 21-22, 27-28, 30, 45, 48, 50.

E: Ballagherreen.
W: Ballina. Achill. Mullet.

CYPERACEAE

Scirpus maritimus

W 1, 13, 22, 29, 43, 50, 56.

W: Killala. Mullet — Portnafranka inlet. Clare Island. Inishkea N.

Scirpus lacustris

E 10-12, 16-18, 23, 27.
W 2, 9, 13, 16-17, 20, 23, 27, 30-33, 45-47, 53,
55, 60.

E: Ballagherreen. Lough Carra.
W: Ballina. Lough Conn. Achill. Mullet. Clare Island. Inishturk.

Scirpus tabernaemontani

W 1, 8, 43, 50-51.

W: Killala. Dooaghtry. Mullet. Inishkea N.

Scirpus setaceus

E 18, 23, 27.
W 1-2, 4, 13, 16-17, 20, 22-23, 27-31, 38,
46-47, 50.

E: Ballagherreen.
W: Achill. Mullet. Clare Island. Inishturk.

- Scirpus cernuus* W 1, 13, 15-16, 19-21, 27-29, 32, 37-38, 45, 50, 55, 61-62.
W: Mallaranny (Marshall). Achill. Mullet. Clare Island. Inishturk. Inishkea N. & S., var *pygmaeus*: Murrevagh L., Mallaranny, Furnace L. (Marshall).
- Scirpus fluitans* E
W 1-2, 27, 29, 31-33, 35, 45-47, 53, 55, 61.
E: Callow.
W: Ballina. Pontoon. Achill. Mullet. Clare Island. Inishturk.
- Scirpus caespitosus* E 10-12, 16, 18, 23, 27.
W 1-2, 9, 13, 16-17, 19-23, 26-31, 33, 36-38, 43, 46-47, 51-53, 55, 60-26.
- Blasmus rufus* W 1, 8.
W: Shore west of Killala (Moore). Rosserk Abbey. Dooaghty. Saltmarsh near Tonnakeera Point (Perring). Mullet — Portnafranka inlet, upper.
- Eriophorum angustifolium* E 10-12, 16, 18, 23, 27, 31.
W 1-2, 4, 8-10, 12-13, 15-17, 19-24, 26-33, 36-40, 43, 45-48, 50-53, 55, 60-62.
- Eriophorum latifolium* W
W: In a small fen two miles N.W. of Killala (Webb 1959).
- Eriophorum vaginatum* E 10, 12, 16, 27.
W 1-2, 13, 17, 19-21, 23-24, 26-29, 31, 33, 36, 38-40, 46-47, 52-53, 60-61.
- Eleocharis quinqueflora* E 11, 18.
W 20, 27, 33, 35, 48, 52, 62.
E: Claremorris. Lough Carra.
W: Mallaranny (Marshall). Ballina. Killala. Rathroeen Lough. East side of Lough Conn. Dooaghty. Achill. Mullet.
- Eleocharis palustris* E 10, 16-18, 27.
W 1-2, 8-10, 13, 15-17, 19-21, 23, 26-30, 32, 35, 39-40, 43, 46-48, 50, 53, 55, 61-62.
- Eleocharis uniglumis* E
W 1, 8, 55.
E: West of Keel Bridge, 1971, M. Scannell (DBN).
W: Saltmarsh near Newport (Marshall). Brackish marsh near Tonakeera Point, west of Mweelrea (Perring).
- Eleocharis multicaulis* E 27.
W 1-2, 10, 13, 16-17, 19-21, 23, 26-33, 36-40, 45, 47, 50, 52-53, 55, 60-62.
- Cladium mariscus* E 10, 27.
W 9, 22-23, 32, 40, 47.
E: Callow. Ballymore Lough. Lough Carra.
W: Lough Conn. Rathroeen Lough.

- Rhynchospora alba* E 11-12, 16-18.
W 1-2, 9-10, 16, 19-21, 24, 26-27, 29-33, 36-40, 45-47, 53, 60.
E: Turlough N.W. of Claremorris. Ballymore Lake.
W: (Common).
- Rhynchospora fusca* E
W 4.
E: Claremorris. Ballinrobe & Hollymount (More).
W: Nephin. Peat bogs west of Castlebar (Marshall). Foxford (*Cybele*). S.W. shore of Lough Conn.
- Schoenus nigricans* E 10-11, 16-18, 23, 31.
W 1-2, 4, 9-10, 13, 16, 19-23, 26-33, 35-40, 45-48, 50-53, 55-56, 60-62.
- Carex paniculata* E
W 9, 13, 23, 27, 37, 39, 46-47, 61.
E: North of Claremorris. Ballaghaderreen.
W: Achill. Mullet. Clare Island. Inishturk.
- Carex diandra* E 11, 23.
W 1, 16, 23, 47, 55.
E: Claremorris — between lake and railway station (Marshall). Near Hollymount (More). Bog near Clonhugh railway station, W. T. Dyer (Praeger).
W: Mallaranny — Murrevagh Lough and three distinct localities near Castlebar (Marshall). Lake one mile south of Newport (Hart). Dooaghtry.
- Carex otrubae* E
W 1-2, 13, 15-16, 20-23, 27, 30, 40, 43, 50, 55-56.
E: (Recorded in *Botanist in Ireland* but record not traced).
W: Killala. In a brackish marsh near Newport (Hart). Mullet. Clare Island. Inishturk.
- Carex arenaria* W 1-2, 13, 15-16, 20-22, 26-28, 35, 43, 50, 52, 56, 62.
W: Killala. Achill. Mullet. Clare Island. Inishkea N.
- Carex disticha* E 11.
W 33, 48, 55-56.
E: Ballaghaderreen.
W: Lough Cullin, 1962 (B.S.B.I. Field Card).
- Carex remota* E
W 15-17, 19, 22-23, 30, 48, 55.
E: South of Claremorris.
W: Old Head (B.S.B.I. Field Card).
- Carex ovalis* E 10, 12, 17, 23, 27.
W 1-2, 4, 8, 13, 15, 17, 19-21, 23, 28-31, 33, 38-39, 43, 45, 47, 52-53, 61.
- Carex echinata* E 10-12, 16-17, 23, 27.
W 1-2, 4, 10, 13, 15-17, 19-24, 26-33, 36, 38-40, 43, 45-48, 50, 52-53, 55, 60-62.

- Carex dioica* E
W 47.
E: Glanaduff. Near Claremorris.
W: Mallaranny (Marshall). Rathroeen Lough. Sandy flat, Dooaghty. Clare Island, Inishturk.
- Carex curta* W
W: Louisburgh, 1909, Knowles (DBN).
- Carex hirta* E 17.
W 16, 48.
E: North of Claremorris.
W: Ballina.
- Carex lasiocarpa* E.
W 22.
E: Near Cong (Marshall & Shoolbred). Hollymount (*Cybele*). Lough Carra.
W: In very wet bog at foot of Nephin, between Crumpaun and the road; at southern end of Birreencorragh and by the Erriff at the base of Ben Gorm (Hart). Achill — in a swamp east of the north end of Keel Lough.
- Carex riparia* W
W: Killala.
- Carex pseudocyperus* E 10.
E: Near Keel Bridge, 1956 (B.S.B.I. Field Card). Wet calcareous fen in bay of Lough Carra near Partry House; island in Lough Carra (Kelly 1985).
- Carex rostrata* E 10-12, 16-18, 22-23, 27.
W 9-10, 13, 16-17, 20-23, 27, 29-31, 33, 38-40, 46-48, 53, 55, 61.
- Carex acutiformis*
W: Marsh near the sea one mile south of Kinnadoohy (Perring).
- Carex vesicaria* E.
W 38.
E: Kilmovee. River below Hollymount (More). Ballaghadereen.
W: River Moy near Foxford (More). S.W. shore of Lough Conn. West shore of Cloon River, south of Srah to Pantry road; small lough S.E. of Nephin Beg (Perring).
- Carex pendula*
E: Ashford (Marshall). Cong Abbey (J. O. & K. G. Montford).
W: Drumman Wood near Foxford (Praeger 1934).
- Carex sylvatica* E 11.
W 2, 8, 13, 15-16, 21.
E: South of Claremorris. Glanaduff.
W: East side of Lough Conn. Clare Island (one station).
- Carex strigosa* W
W: Shangorman Islands in Lough Mask (Praeger 1929).

- Carex flacca* E 3, 10-11, 16-18, 22-23, 27.
W 1-2, 13, 15-17, 19-24, 26-28, 32-33, 35, 39-40, 43, 45-48, 50, 53, 55, 61-62.
- Carex panicea* E 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15, 17, 19-23, 26-33, 36-40, 43, 45-47, 51-53, 55, 60-62.
- Carex laevigata* E 10, 23.
W 15, 23, 29.
E: Near Foxford (More).
W: Near Burrishoole Bridge, Newport (Marshall). Drumman Wood, Lough Cullin (More). Woodland at Old Head; woodland north of Glenisland, one mile south-east of Lough Beltra at foot of Birreen (Perring).
- Carex binervis* E 10-11, 18, 23, 27.
W 1-2, 4, 10, 13, 17, 19-23, 26-33, 37-39, 45, 47, 51-53, 55, 60-62.
- Carex distans* E 10.
W 1, 13, 15-16, 21, 29, 35, 51.
E: Killala. Abundant below Burrishoole Bridge, Newport (Marshall). Achill. Mullet. Clare Island. Inishturk. Inishkea N.
- Carex extensa* W 1, 13, 20-21, 29, 56.
W: Mallaranny (Marshall). Achill. Mullet. Clare Island. Inishturk. Inishkea N. & S.
- Carex hostiana* E 10-11, 18, 23, 27.
W 1, 8, 13, 17, 23, 26, 28-29, 33, 40, 55, 61-62.
- Carex lepidocarpa* E 10-11, 17-18, 23, 27.
W 17, 27, 30, 33, 39-40, 43, 45, 47-48, 50, 55, 62.
- Carex demissa* E 10-12, 16-18, 23, 27.
W 2, 4, 10, 13, 15-17, 19-24, 26-33, 36-38, 40, 43, 45-48, 50, 52-53, 55-56, 60-62.
- Carex serotina* E 10.
W[†] 40, 45, 47, 56.
E: Keel Bridge area (B.S.B.I. Field Card).
W: Shore of Lough Conn, near Errew (B.S.B.I. Field Card).
subsp. *pulchella* W
W: Inishkea North, pasture, 1905, Praeger (DBN).
- Carex pallescens* E
W 30.
E: Near Foxford (More).
W: Delphi; Mweelrea; Doo Lough (Hart). Hazel scrub by Lough Feeagh, north of Newport; west side of Cloon River (Perring).

Carex caryophylllea

- E 23.
W 1, 13, 17, 39-40.
E: (*Botanist in Ireland* record not localised). Kilkelly, 1958 (B.S.B.I. Field Card).
W: Achill. Mullet. Clare Island. Inishturk.

Carex pilulifera

- E 10.
W 1-2, 13, 16-17, 20, 23, 29, 38, 40.
E: Glenaduff.
W: Nephin. Achill. Mullet. Clare Island. Inishturk.

Carex limosa

- E
W 27, 29, 47.
E: Hollymount (More).
W: Near Bangor in Erris (Moore). In a very wet bog at the foot of Nephin between Crumpaun River and the road; southern side of Birreencorragh by some small lakes (Hart). Near Castlebar (Marshall). West side of Lough Mask (Vowell). Rathroeen Lough. Achill — bog below Sraheens Lough (Marshall); lakelet S.E. of Lough Gall and abundant at north end of Keel Lough. Clare Island. Inishturk — plentiful in the wet marsh around Lough Coolaknick, with very stunted *C. paniculata*.

Carex bigelowii

- W 20, 26-27.
W: Nephin (Dickie). Mweelrea; Corslieve etc. except Croaghpatrick (Hart). Sheefry; Cushcamcarragh; Nephin Beg (Colgan). Curraun Plateau. Achill — Sliemore, 1,800-2,200ft; abundant on the Croaghaun range to 1,200ft.

Carex elata

- E 10, 16.
W 39.
E: Near Clonbur (Marshall & Shoolbred). Lough Carra.
W: Newport (Marshall). Growing in swamp beside Lough Clevala between Newport and Crossmolina (Perring).

Carex nigra

- E 10-12, 16-18, 23, 27.
W 1-2, 4, 10, 13, 15, 17, 19-21, 23, 26-33, 37, 39-40, 43, 46-48, 53, 55, 60-62.

Carex pulicaris

- E 10-12, 17-18, 22-23.
W 1-2, 13, 15, 17, 20-21, 23, 27-33, 38-39, 43, 47-48, 50, 55, 62.

ORCHIDACEAE

Epipactis palustris

- E 10, 18.
W 8, 50, 55.
E: Ballinrobe (Mrs. Persse). Lough Carra (More).
W: South-west end of Castlebar Lake (Marshall). Killala. Ballina. Sandy flat, Dooaghtry. Mullet.

Epipactis helleborine

E.
W 1.

E: Near Liskillen, Ballinrobe (D. D. Persse). Derrinrush Wood, Lough Carra.

W: Derreen.

(*Epipactis atrorubens* Sparingly in a rocky valley on the Clonbur side of Cong, just within Co. Galway (Marshall & Shoolbred).)

Cephalanthera longifolia

W

W: Close to the bridge at Pontoon (W. de V Kane). Clare Island — a few small plants on a boulder clay slope facing N.E., 50ft above sea level, between Portlea and Ooghcorragaun (D. J. Scourfield — Praeger 1911). Dooaghtry — sandy fields beside the road where this runs to the sea shore; blown sand over thin peat (Hudson); all over the rocky ridge just west of where the road from Louisburgh runs down on the sands (Stelfox) — possibly a relict of neolithic woodland (Praeger *loc. cit.*)

Neottia nidus-avis

E

E: Derrinrush Wood, Lough Carra. (In the wilderness, Ashford, Cong, 1895, Miss M. F. Jackson — *Cybele* — just in Co. Galway).

Listera ovata

E 3, 6, 10-11, 17-18, 23, 27.
W 8, 13, 15, 17, 23, 27, 40, 48.

Listera cordata

E 10.

W 26-27, 38, 53, 60.

E: Half mile east of Partry on carboniferous sandstone, with *Daboecia* at about 100ft, altitude (Praeger 1906).

W: Very plentiful on the hill near Mallaranny, between 1,000-12,000ft (Marshall). Corslieve (Moore). Achill — Slievemore and Croaghaun. Clare Island.

Spiranthes spiralis

E 10.

W.

E: Lough Carra — shore near Moore Hall (Hall). Houndswood (Miss Jackson).

W: In good quantity (100-200 spikes) in a grass sward on the eastern side of a sand dune system near Killadoon — discovered many years ago by Lady Harmon (Cabot).

Platanthera bifolia

E 10, 23.

W 8, 17, 23, 28-30, 39-40, 55, 61.

E: Claremorris. Lough Carra.

W: Mallaranny (Marshall). Ballina.

Platanthera chlorantha

E 10.

W 1, 17, 23, 30, 39-40, 46.

E: Claremorris. Ballymore Lake. Callow. Lough Carra.

W: Mallaranny (Marshall). Achill. Clare Island. Inishturk.

Gymnadenia conopsea

E 3, 10-11, 16-18, 23, 27.

W 8, 17, 40, 48, 55, 62.

E: North of Claremorris. Callow. Lough Carra.

W: Newport (Colgan). Ballina. Killala. Rosserk. Rathreen Lough. Sandy flat, Dooaghtry. Mullet — low hills that terminate the Mullet on the Southward — a stunted grassy heath.

- Pseudorchis albida* E
W
E: Ballinrobe (Mrs. Persse). Near Foxford (More).
W: Mwelrea (Hart).
- Coeloglossum viride* E 23.
W 8.
E: Ballyhaunis. North of Claremorris. Ballymore Lough. Lough Cullin. Lough Carra.
W: Ballina. Rosserk. Achill. Mullet — on the low hills that terminate the Mullet on the southward — a stunted grassy heath.
- Dactylorhiza incarnata* E 10-12, 23.
W 1, 8, 13, 17, 20, 27-29, 43, 47.
subsp. *coccinea* W
W: BGX 94/22; 84/84.
subsp. *pulchella* W
W: BGX 94/05.
subsp. *cruenta* E
E: Around the shores of lakes overlying the limestone plains of E. Mayo and N.E. Galway (Heslop Harrison). Lough Carra at Keel Bridge (DBN). Lough Carra — plentiful near Keel Bridge at the S. end of the lake, extending up the West shore, north of Partry and occurring on some of the islands; also plentiful at Cloonee and on the East shore north of Cloonee. Lough Mask — abundant at Aghinish and occasional on the lake shore further north. Lough Corrib — occasional on the N.E. shore near Castletown (Heslop Harrison, *Watsonia*, 1,372).
- Dactylorhiza majalis* W 1, 16-17, 21, 23, 27-30, 39, 61.
W: Clare Island (*purpurella*).
- Dactylorhiza traunsteineri*
E: Amongst *Schoenus nigricans* tussocks west of Keel Bridge, Scannell (DBN).
- Dactylorhiza maculata* E 3, 6, 10-12, 17-18, 22-23, 27.
W 1-2, 4, 10, 13, 16-17, 19-22, 26-32, 36-40, 43, 46-48, 50, 52-53, 55, 50-62.
- Dactylorhiza fuchsii* E 3, 10-12, 16-18, 27.
W 1-2, 4, 8, 15-17, 20-21, 23-24, 30, 39-40, 46-48, 52-53, 55, 62.
- Neotinea maculata* E.
E: By Lough Corrib near Cong (Moore). A short distance to the N.W. of Cong. Lough Mask shore south of Carrowanceraigh — a desolate area of slabs and blocks of limestone. Lough Carra — half mile south of Deradda; half mile west of Bonnamillish Island; half mile N.W. of Church Island. Cloghmoyne.
(W) Mount Gable — growing off the limestone (Marshall) (West Galway).
- Orchis morio* E
W
E: North of Claremorris. Lough Carra.
W: Near Rosserk Abbey.

- Orchis mascula* E 3, 6, 10.
W 13, 17, 33, 39.
E: North of Claremorris. Ballaghaderreen. Lough Carra.
W: Rosserk. Clare Island. Inishturk.
- Anacamptis pyramidalis* E
W 28.
E: Claremorris. Ballinrobe (Mrs. Persse). Lough Carra.
W: West of Castlebar (Marshall).
- Ophrys insectifera* E 10.
E: Lake view, Lough Carra (Miss Jackson, Mrs. Persse). Lough Carra at Derrinrush and below Moore Hall.
- Ophrys apifera* E 10.
W
E: North-west of Claremorris. Ballaghaderreen. Near Glen Corrib (Miss Jackson).
Lough Carra — Derrinrush and below Moore Hall.
W: Scarce on limestone west of Castlebar (Marshall).
- Hammarbya paludosa* W
W: Mineral flush at Bellacorick!

ADDENDA (omitted from Gramineae)

- Brachypodium sylvaticum* E 3, 6, 10, 16.
W 1-2, 4, 8, 13, 15-17, 20, 22, 40, 48, 55, 60.
- Nardus stricta* E 10, 16, 18, 23, 27.
W 1-2, 4, 10, 13, 17, 19-24, 26-33, 36-40, 45-47, 50-53, 60-62.

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