

A CATALOGUE OF IRISH POLLEN DIAGRAMS

F.J.G. Mitchell, B.S. Stefanini and R. Marchant

ABSTRACT

The first Irish pollen diagram was published by Gunnar Erdtman in the *Irish Naturalists' Journal* in 1927. Since then over 475 pollen diagrams have been produced from locations throughout Ireland from a range of sites and time spans. The data from these pollen diagrams can be used to reconstruct vegetation dynamics over long timescales and so facilitate the investigation of climate change impacts, plant migration and the scale of human-induced landscape change. In this paper we collate the available data from Irish pollen sites into the Irish Pollen Site Database (IPOL) to illustrate their distribution and range. It is intended that this database will be a useful research resource for anyone investigating Irish vegetation history. The database also links to the European and global research agenda surrounding impacts of climate change on ecosystems and associated livelihoods. The IPOL database can be accessed online at www.ipol.ie.

F.J.G. Mitchell
(corresponding author; email: fraser.mitchell@tcd.ie) and B.S. Stefanini, Botany Department, Trinity College Dublin, Dublin 2, Ireland; R. Marchant, Botany Department, Trinity College Dublin, Dublin 2 and York Institute for Tropical Ecosystem Dynamics (KITE), Environment Department, University of York, Heslington, York YO10 5DD, UK.

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INTRODUCTION

Investigation of pollen preserved in peat and lake sediments provides reconstructions of long-term vegetation change. These reconstructions have a variety of applications such as quantifying climate change impacts, providing archaeological context and exploring plant migrations and introductions (Mitchell 2011). In addition to these reconstructive applications, the observation of past ecosystem composition and distribution are becoming increasingly crucial for testing climate models used to predict future environments and develop policies to address the impacts of future climate change (Thuiller 2007) and the restoration of habitats (Jackson and Hobbs 2009). The landforms derived from Quaternary glaciations and the contemporary climate provide ideal conditions for the accumulation and preservation of pollen-bearing sediments throughout Ireland (Coxon and McCarron 2009; Mitchell 2009).

The Quaternary Research Committee of the Royal Irish Academy invited Professor Knud Jessen from the University of Copenhagen to initiate a comprehensive investigation of Irish peat deposits during the 1930s. The initial publication from this project was the investigation of the Late-glacial deposits at Ballybetagh, County Dublin (Jessen and Farrington 1938). The Second World War delayed the publication of the main body of work which catalogued peat stratigraphy, plant

macrofossils and pollen from 44 locations across the country (Jessen 1949). This was supplemented with additional investigations by Frank Mitchell (Mitchell 1951). These combined works provided 84 pollen diagrams. Later work has focused on more detailed single-site investigations and expanded to include lake sediments as the technology to abstract lacustrine sedimentary deposits became available (Livingstone 1955; Mackereth 1958). Another important development was the advent of radiocarbon dating, which provided independent chronologies to interpret the reconstructed vegetation. More recently this has been supplemented with tephrochronology at some sites (Pilcher *et al.* 1996; Plunkett *et al.* 2004).

Detailed investigations at these sites provide comprehensive data pertaining to the locality over long temporal scales and this has been the focus of most investigations in Ireland. The synthesis of data from a number of sites provides additional spatial context from which regional and national patterns in vegetation responses can be elucidated. Limited data from a few Irish sites have contributed to European-scale projects which have reconstructed plant migration and climate responses since glacial times (Huntley and Birks 1983; Birks 1989; Brewer *et al.* 2002). Attempts to collate Irish data have been rare since Knud Jessen and Frank Mitchell published their syntheses, but they have revealed the potential wealth of Irish data (Mitchell 2005; 2006). The

development of revised pollen representation models, high-resolution data and more secure chronologies have also unlocked new potential for reconstructing vegetation dynamics through pollen analysis (Caseldine and Fyfe 2006; Caseldine *et al.* 2007; Gaillard *et al.* 2010).

The aim of this paper is to facilitate the exploitation of Irish pollen data. Here we report pollen diagram metadata compiled in a comprehensive database of Irish pollen sites. The intention is that this database will continue to develop online and provide a research resource for anyone planning new palynological work in Ireland or wishing to locate or collate existing data.

METHODS

Records in the database were selected that represent a pollen diagram which covers some time period during the Quaternary and which is located on the island of Ireland or its adjacent islands. Diagrams that have been published or reproduced in an available format such as in theses or reports prepared for funding agencies or state bodies were selected. We have attempted to collate all available records under these criteria. The pollen diagram site data included site name, grid reference, altitude and county. The pollen diagram data included the time span of the diagram, the number of radiocarbon dates and of other dating techniques. The source reference for the publication of the pollen diagram was also recorded. These records were compiled into a database called the Irish Pollen Site Database (IPOL).

These data were incorporated into maps using ArcGIS to illustrate the distribution of pollen

diagrams overlaid with information on site type and the number of radiocarbon dates.

RESULTS

The IPOL database contains records for 475 pollen diagrams distributed throughout Ireland. The complete database is presented in the Appendix and is also available in an updatable format online at www.ipol.ie. The distribution of pollen diagrams by county is illustrated in Table 1. This reveals a reasonably even spread across the provinces but with extremes of County Kerry with 63 records and County Carlow with none.

Over 50% of the pollen diagrams (270) are derived from peat deposits (Fig. 1). A further 113 are from lake sediments and 36 are from local sites such as small hollows, mor humus and soil deposits. An addition 56 records do not fit these categories and cover sites such as pingos, marine sections and a range of archaeological settings. Two-thirds of these sites (312) are located in the lowlands below 100m Ordnance Datum (OD), one-quarter (113) are in the altitudinal range between 100 and 300m OD and only 10% (50) are found above 300m OD. The age category that the pollen data fall into is tabulated in Table 2. The vast majority of the data (88%) are Holocene in age but there are 76 records of Late-glacial age and a further nineteen interglacial or interstadial records.

The truncated nature of many of the records is illustrated by the fact that a relatively low proportion of the records cover the full span of each age category (Table 2). Radiocarbon dating has been the principal technique applied to derive independent chronologies, but the use of other techniques such as tephra, spheroidal carbonaceous particles

Table 1—Number of pollen diagrams in the IPOL database per county listed by province. Numbers in parentheses are the province totals.

<i>Ulster (156)</i>		<i>Leinster (83)</i>		<i>Munster (134)</i>		<i>Connaught (102)</i>	
Antrim	54	Carlow	0	Clare	21	Galway	34
Armagh	7	Dublin	4	Cork	19	Leitrim	4
Cavan	3	Kildare	5	Kerry	63	Mayo	42
Donegal	20	Kilkenny	4	Limerick	15	Roscommon	5
Down	26	Laois	1	Tipperary	11	Sligo	17
Fermanagh	6	Longford	6	Waterford	5		
Londonderry	21	Louth	10				
Monaghan	3	Meath	7				
Tyrone	16	Offaly	18				
		Westmeath	3				
		Wexford	10				
		Wicklow	15				

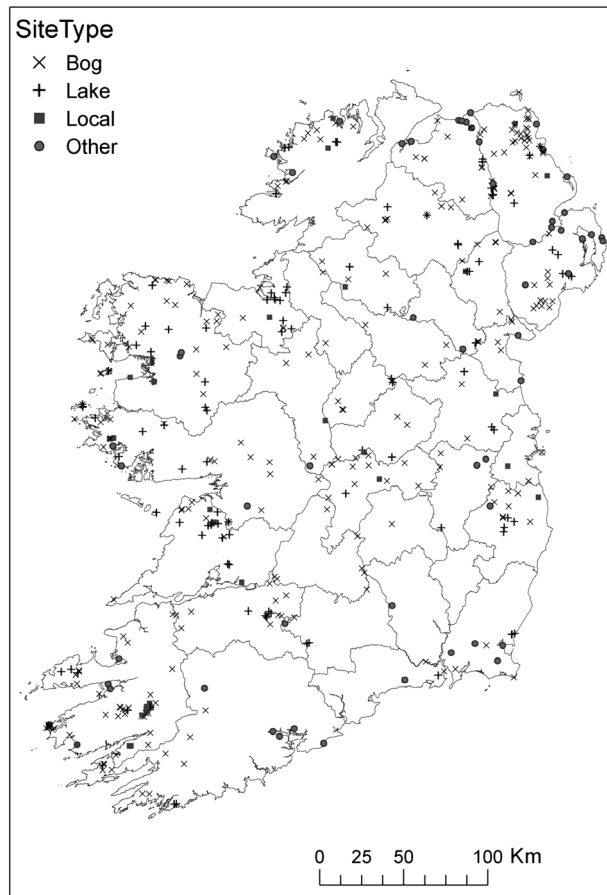


Fig. 1—Map of Ireland depicting locations pollen diagrams within the IPOL database overlaid with site type.

(SCP) and uranium–thorium are also recorded in the database. There are 50 records that have used tephra dating. There are 1312 radiocarbon dates recorded in the database. Over 50% of diagrams (250) have no independent dating, 26% have up to four radiocarbon dates and 21% have over five dates (Table 3, Fig. 2).

DISCUSSION

It is remarkable that an area as small as Ireland (84,422 km²) should support so many pollen diagrams. This reflects not only the wide

abundance of suitable sites but also the longevity of palynological research in Ireland. The first pollen diagram was published in 1927 (Erdtman 1927) and Knud Jessen and Frank Mitchell between them published 104 diagrams. Despite these impressive statistics most of the diagrams in the database have no, or suboptimal, dating. For example, all of Knud Jessen’s and the vast majority of Frank Mitchell’s pollen diagrams were completed before the advent of radiocarbon dating. In addition, many diagrams cover relatively short time periods. Nevertheless, almost one-half (223) of the diagrams have at least one radiocarbon date and 109 of the diagrams cover the full Holocene

Table 2—Number of pollen diagrams in the IPOL database by age category and age span.

<i>Age category</i>	<i>No. of records in age category</i>	<i>No. of records spanning full age category</i>
Holocene	380	58
Late-glacial	41	33
Holocene and Late-glacial	35	18
Interglacial/Interstadial	19	0

Table 3—Number of radiocarbon dates associated with pollen diagrams in the IPOL database.

<i>Number of ¹⁴C dates</i>	
0	249
1–4	124
5–10	71
>10	29

or full Late-glacial period. Mapping the diagram locations reveals a reasonable spread of distribution across Ireland with the lowest density in some southern counties. Consequently we can demonstrate the existence of an excellent resource to facilitate future research. There is an increasing trend to use multiple-site data to explore spatial and temporal patterns in vegetation responses to stimuli such as climate and human impact (Mitchell 2011) and we envisage that the database will facilitate future research.

The early work of Knud Jessen and Frank Mitchell served to provide regional backgrounds to vegetation development as well as context and relative dating for associated archaeological features. The wealth of Irish pollen data that are now available enable more ambitious metadata analysis which has also been facilitated by the advent of absolute dating. For example, the recent development of the Landscape Reconstruction Algorithm (LRA) (Sugita 2007a; 2007b) provides reconstruction of both regional and local vegetation community composition from pollen data. When considered alongside other complementary data such as fire frequency from sedimentary charcoal, soil erosion from lake chemistry or human activity based archaeological information; the response and recovery of the environment to perturbation can be quantified to a resolution that is relevant to contemporary issues (Mitchell 2011).

Databases are never static and this one will continue to grow as new data become available (particularly from the grey literature), but also when sites that may have been overlooked

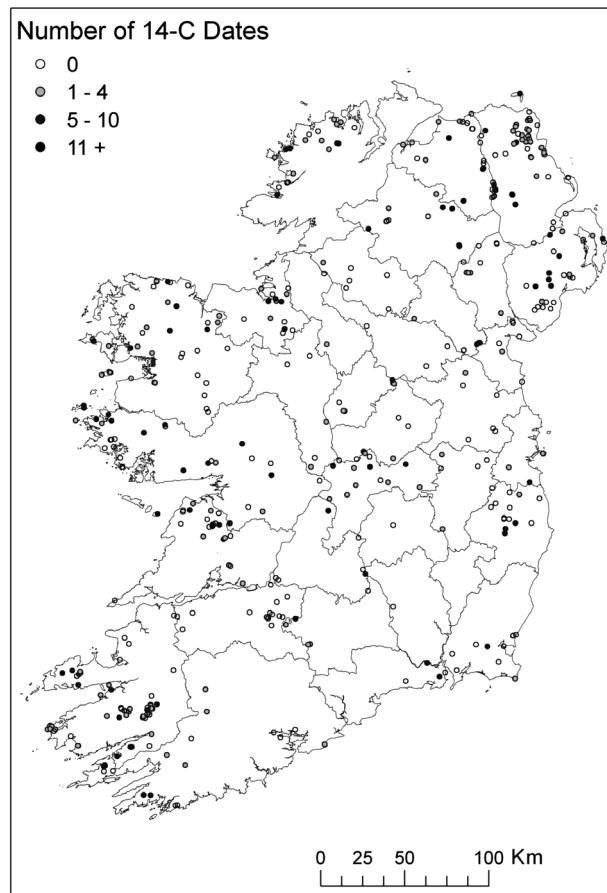


Fig. 2—Map of Ireland depicting locations pollen diagrams within the IPOL database overlaid with number of radiocarbon dates.

come to light. This publication is intended to highlight the range of existing data and where they can be found. It was never the intention of this exercise to archive the original pollen count data. The European Pollen Database (www.europeanpollendatabase.net/base) was established for that purpose (Fyfe *et al.* 2009) and it should be consulted along with the Global Pollen Database (www.neotomadb.org).

The IPOL database serves to update the work that Jessen started 80 years ago (Jessen 1949). It is anticipated that this database will not only facilitate data retrieval but also inform on optimal site location for future work.

ACKNOWLEDGEMENTS

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APPENDIX

Site and pollen diagram metadata within the IPOLE database, sorted alphabetically by site name. Additional data columns on multiple cores per site, top and bottom dates, tephra, other dating and the analysts are available through the online version at www.ipole.ie.

Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
369	Abbeyknockmoy	53°26'29"	8°45'58"	Galway	60	Raised bog	0–1700	6	Lomas-Clarke and Barber (2004)
261	Addergoole Bog	53°20'50"	9°2'13"	Galway	10	Raised bog	0–500	0	Connolly (1999)
340	Agher	53°27'29"	6°44'13"	Meath	90	Raised bog	0–10000	0	Mitchell (1951)
304	Aghla Beg	55°3'53"	8°3'24"	Donegal	540	Blanket bog	0–6000	1	Hanna (1993)
70	All Saints Bog	53°8'55"	7°58'53"	Offaly	40	Raised bog	0–1100	1	Cole and Mitchell (2003)
109	Altar Lough	55°1'7"	8°23'16"	Donegal	30	Lake	0–13500	5	Fossitt (1994)
62	Altnahinch	55°2'35"	6°14'33"	Antrim	240	Peaty basin	0–11000	12	Goddard (1971)
262	An Loch Mór, Inis Oírr	53°3'32"	9°30'30"	Galway	10	Lake	0–11600	33	Molloy and O'Connell (2004)
420	Annagarraff Bog	54°29'40"	6°36'43"	Armagh	20	Raised bog	400–450	0	Hall and Bunting (2001)
341	Annaholty	52°43'28"	8°27'26"	Tipperary	45	Raised bog	5000–9000	0	Mitchell (1951)
288	Aranmore Island A	54°58'27"	8°29'29"	Donegal	0	Coastal peat	0–11500	1	Shaw (1985)
124	Ardcavan	52°20'57"	6°27'42"	Wexford	0	Section	Interglacial	0	Mitchell (1948)
239	Ardlow Inn	53°51'20"	7°6'26"	Cavan	150	Raised bog	0–6000	0	Jessen (1949)
8	Ards Beg	55°5'55"	8°10'17"	Donegal	65	Blanket bog	0–10000	0	Jessen (1949)
20	Arts Lough	52°58'41"	6°25'32"	Wicklow	490	Lake	0–11500	5	Bradshaw and McGee (1988)
465	Athy Basin	52°59'0"	6°58'52"	Kildare	50	Lake	6000–10500	1	Zvelebil <i>et al.</i> (1996)
254	Aughrim	52°30'58"	9°20'44"	Kerry	125	Blanket bog	500–7500	0	Jessen (1949)
85	Baggotstown	52°28'10"	8°29'31"	Limerick	80	Peat deposit	Gortian	0	Watts (1964)
446	Ballinderry	53°24'7"	7°40'45"	Offaly	68	Lake	0–10000	10	O'Carroll (2012)
32	Ballinloghig Lake	52°11'39"	10°18'27"	Kerry	84	Lake	0–13800	11	Barnosky (1988)
280	Ballinphuill	53°16'28"	8°30'2"	Galway	100	Raised bog	0–6000	15	Molloy <i>et al.</i> (2010)
187	Ballyally Lough	51°30'10"	9°17'9"	Cork	24	Lake	0–7000	0	Buzer (1980)
463	Ballyarnet	55°2'32"	7°17'49"	Derry	30	Archaeological	3500–5000	2	O'Neill <i>et al.</i> (2007)
155	Ballybetagh 1	53°13'26"	6°12'1"	Dublin	230	Blanket bog	9000–13000	0	Jessen and Farrington (1938)
191	Ballybetagh 2	53°13'26"	6°12'1"	Dublin	250	Bog/fen	12600–15000	6	Watts (1977)
290	Ballycotton	51°50'11"	8°1'29"	Cork	0	Coastal	0–7500	2	Carter <i>et al.</i> (1989)
97	Ballydoo Bog	53°32'9"	9°27'27"	Galway	45	Blanket bog	220–11200	11	Jennings (1997)
305	Ballydoo Lough	53°31'36"	9°27'20"	Galway	36	Lake	0–115	0	Huang and O'Connell (2000)
176	Ballyduff Bog	53°5'8"	7°59'37"	Tipperary	55	Raised bog	0–5000	39	Stefanini (2008)

Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
161	Ballydugan	54°18'38"	5°45'29"	Down	8.4	Lake	500–11500	0	Singh and Smith (1973)
147	Ballygawley Lough	54°12'26"	8°28'3"	Sligo	26	Lake	0–6300	3	Göransson (1984)
294	Ballygisheen Bog	51°58'15"	9°54'38"	Kerry	150	Blanket bog	0–1275	1	Cole and Mitchell (2003)
306	Ballyhalbert	54°29'42"	5°27'40"	Down	15	Coastal	Late glacial	0	Morrison and Stephens (1960)
291	Ballykeerogue more	52°18'56"	6°54'47"	Wexford	48	Interglacial			Mitchell and Watts (1993)
316	Ballyline	52°34'14"	7°25'27"	Kilkenny	70	Interglacial deposit			Coxon and Flegg (1985)
226	Ballymacombs More Bog	54°49'54"	6°28'9"	Derry	10	Raised bog	0–8000	0	Jessen (1949)
307	Ballymulholland	55°9'38"	6°57'49"	Derry	5	Peat section	0–2000	2	Mallory <i>et al.</i> (1988)
50	Ballynagilly	54°41'48"	6°50'59"	Tyrone	200	Blanket bog	0–11000	17	Pilcher and Smith (1979)
104	Ballynahatty	54°32'38"	5°57'10"	Down	40	Fen peatland	3000–11500	6	Plunkett <i>et al.</i> (2008)
67	Ballynakill	53°21'35"	7°44'26"	Westmeath	60	Raised bog	0–8500	0	Mitchell (1951), Mitchell <i>et al.</i> (1940)
383	Ballyness	55°9'47"	7°52'44"	Donegal	0	Coastal peat	2000–5000	2	Shaw and Carter (1994)
178	Ballypatrick Forest1	55°9'32"	6°7'52"	Antrim	250	Blanket bog	0–3900	2	Goddard (1971)
171	Ballypatrick Forest2	55°9'35"	6°7'47"	Antrim	240	Blanket bog	4200–7300	0	Doyle (2003)
179	Ballyscullion 1	54°47'25"	6°26'48"	Antrim	20	Raised bog	1000–11500	0	Jessen (1949)
425	Ballyscullion 2	54°47'34"	6°26'48"	Antrim	20	Raised bog	0–7000	7	Smith (1975)
92	Ballyscullion 3	54°47'46"	6°26'56"	Antrim	30	Raised bog	850–1300	0	Hall <i>et al.</i> (1993)
342	Ballyvalloo Lower	52°24'39"	6°21'13"	Wexford	23	Kettle hole	10000–11000	0	Mitchell (1951)
343	Ballyvenaght	55°10'4"	6°7'7"	Antrim	210	Blanket bog	0–4500	0	Mitchell (1951)
303	Ballywoolen	55°9'44"	6°46'0"	Derry	0	Peat	5300–5500	4	Wilson and Plunkett (2010)
229	Bann Estuary	55°9'6"	6°41'48"	Derry	4	Coastal	0–10000	0	Jessen (1949)
79	Barrees Basin (BAR-L1)	51°42'30"	9°55'10"	Cork	140	Blanket bog	0–4500	9	Overland and O'Connell (2008)
84	Barrees Monoliths	51°42'17"	9°54'53"	Cork	200	Blanket bog	0–2200	10	Overland and O'Connell (2008)
433	Battlestown	52°13'33"	6°52'38"	Wexford	30	Interglacial peat deposit		0	Craig (1973)
308	Bay Farm	54°58'25"	5°59'11"	Antrim	30	Blanket bog	0–4000	3	Francis (1987)
119	Beaghmore 1	54°42'9"	6°56'15"	Tyrone	190	Blanket bog	0–1000	0	Mitchell (1951)
7	Beaghmore 2	54°42'9"	6°56'15"	Tyrone	190	Blanket bog	0–8000	14	Pilcher (1969)
309	Beaghs Forest	55°3'26"	6°11'16"	Antrim	300	Blanket bog	0–3000	1	Goddard (1971)
310	Beaghs Sand Quarry	55°4'52"	6°11'15"	Antrim	270	Blanket bog	0–4500	1	Goddard (1971)
454	Belderg1	54°18'8"	9°33'50"	Mayo	50	Monolith		0	Bourke (1972)

Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
387	Belderg 2	54°18'17"	9°33'48"	Mayo	50	Atlantic blanket bog	1000–2500	1	Verrill and Tipping (2010a)
86	Belderg 3	54°18'17"	9°33'48"	Mayo	50	Atlantic blanket bog	4000–5500	3	Verrill and Tipping (2010b)
344	Belfast	54°34'38"	5°55'45"	Antrim	25	Section	10000–14000	0	Mitchell (1951)
29	Belle Lake	52°11'37"	7°1'37"	Waterford	33	Lake	6000–15000	8	Craig (1978)
130	Benburb	54°24'35"	6°45'18"	Tyrone	20	Interglacial peat deposit		0	Gennard (1984)
136	Birch Island, Lough Derrycunloughmore	53°26'54"	9°56'40"	Galway	30	Mor humus	0–1000	0	Hannon and Bradshaw (1989)
311	Black Bog	54°9'37"	6°5'9"	Down	381	Blanket bog	0–6000	0	McVicker (1993)
24	Black Lough	53°10'11"	7°49'37"	Offaly	50	Lake	0–13000	4	Heery (1998)
185	Bloomhill Bog	53°21'18"	7°53'40"	Offaly	43	Raised bog	250–3500	0	Parkes and Bradshaw (1988)
172	Bog of Cullen	52°30'27"	8°17'0"	Tipperary	91	Raised bog	300–11500	15	Molloy (2008a)
435	Bog of the Frogs	53°22'38"	6°4'30"	Dublin	110	Peaty basin	0–650	1	Cooney (1994)
293	Boleynendorrish (also called Gort)	53°6'13"	8°42'17"	Galway	60	Section	Interglacial	0	Jessen <i>et al.</i> (1959)
271	Borheen Lough	52°22'20"	8°9'8"	Tipperary	476	Lake	0–12000	4	Leira <i>et al.</i> (2007)
345	Boskill	52°35'46"	8°26'43"	Limerick	75	Raised bog	7000–14000	0	Mitchell (1951)
264	Brackloon Hollow A	53°45'31"	9°33'17"	Mayo	85	Forest hollow	0–5000	2	von Engelbrechten <i>et al.</i> (2000)
265	Brackloon Hollow B	53°45'40"	9°33'31"	Mayo	80	Forest hollow		0	von Engelbrechten <i>et al.</i> (2000)
263	Brackloon Lough	53°45'36"	9°33'46"	Mayo	85	Lake	0–12600	3	von Engelbrechten <i>et al.</i> (2000)
260	Bray Top	51°53'25"	10°25'13"	Kerry	230	Blanket bog	3000–5500	1	Mitchell (1989)
270	Bray West Bog	51°54'24"	10°23'9"	Kerry	10	Blanket bog	1000–7000	1	Coxon (1985)
346	Embayment Breaghwy	54°5'12"	9°5'14"	Mayo	30	Blanket bog	3000–6000	0	Mitchell (1951), Mitchell <i>et al.</i> (1940)
397	Breanlee	52°0'41"	9°47'13"	Kerry	360	Blanket bog		0	Welten (1952)
398	Breanlee Lower	52°0'55"	9°47'27"	Kerry	490	Blanket bog		0	Welten (1952)
177	Breen Bog	55°7'38"	6°14'44"	Antrim	320	Blanket bog	0–4000	4	Goddard (1971)
169	Breen Wood	55°8'15"	6°14'21"	Antrim	150	Mor humus	0–2200	4	Cruikshank and Cruikshank (1981)
268	Brendan Rock-knoll	51°54'25"	10°24'11"	Kerry	10	Blanket bog	0–6000	1	Coxon (1985)
128	Bridges of Ross	52°35'24"	9°52'3"	Clare	2	Peat section	Late glacial		Richards <i>et al.</i> (2002)
326	Brockley, Rathlin Island	55°18'13"	6°11'47"	Antrim	50	Blanket bog	700–5300	8	Doyle (2003)
314	Broghan Bog	54°39'26"	7°4'24"	Tyrone	190	Blanket bog	0–6500	0	Hirons (1988)
438	Bunnamoahau	53°47'39"	10°2'28"	Mayo	50	Peat monolith	2500	2	Molloy (2007)

Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
371	Bunynconnellan East	54°5'18"	8°59'52"	Mayo	220	Blanket bog	0-4800	2	O'Connell (1990b)
81	Burren Townland	53°55'4"	9°19'0"	Mayo	165	Section	Gortian	0	Coxon <i>et al.</i> (1994)
257	Butter Mountain 1	54°11'12"	6°2'46"	Down	450	Blanket bog	1000-3500	4	Holland (1975)
210	Butter Mountain 2	54°11'20"	6°2'46"	Down	488	Blanket bog	2000-5000	0	McVicker (1993)
266	Cadogan's Bog	51°33'15"	9°34'47"	Cork	75	Blanket bog	0-6000	6	Mighall <i>et al.</i> (2008)
299	Caheraphuca Bog	52°56'10"	8°54'25"	Clare	34	Bog	3000-10000	1	Molloy and O'Connell (2011)
298	Caheraphuca Lough	52°55'45"	8°55'12"	Clare	40	Lake	2200-7400	7	Molloy and O'Connell (2011)
347	Cahercorney	52°32'15"	8°30'17"	Limerick	85	Alluvium	11000-14000	0	Mitchell (1951)
144	Caherkine Lough	52°47'12"	8°51'18"	Clare	30	Lake	0-11500	0	O'Connell <i>et al.</i> (2001)
57	Caislean	53°59'0"	10°7'60"	Mayo	80	Blanket bog	4000-6000	4	Caseldine <i>et al.</i> (2005b)
464	Camaross	52°21'43"	6°42'14"	Wexford	70	Pingo	Late glacial	0	Mitchell (1973)
138	Camillan 1	52°1'4"	9°31'56"	Kerry	20	Forest hollow	0-9500	3	Mitchell (1988)
22	Camillan 2	52°1'2"	9°31'59"	Kerry	25	Mor humus	0-250	0	Mitchell (1990b)
241	Carbo	53°54'52"	8°9'45"	Roscommon	100	Raised bog	0-13000	0	Jessen (1949)
160	Cannons Lough	54°56'5"	6°33'2"	Derry	40	Lake	0-11500	0	Smith (1961)
72	Cappanawalla	53°7'3"	9°11'48"	Clare	296	Heath	0-3500	4	Feeser and O'Connell (2009)
372	Carbury Bog	53°22'54"	6°58'37"	Kildare	90	Raised bog	0-850	4	van Geel and Middeldorp (1988)
441	Carnlough	54°59'0"	5°59'18"	Antrim	2	Peat	9000-13500	4	Prior <i>et al.</i> (1981)
64	Carnlough Beach	54°59'34"	5°59'17"	Antrim	5	Section	Late glacial	0	Francis (1987)
98	Carnsore Point	52°10'35"	6°22'4"	Wexford	10	Coastal sediments/ peat	0-4000	3	Maloney (1985)
44	Carran Lough	54°23'0"	7°47'12"	Fermanagh	60	Lake	8000-14000	0	Tisdall (1996)
164	Carrantuohill	51°59'54"	9°44'34"	Kerry	1014	Blanket bog	Interglacial/ Gortian	0	Welten (1952)
295	Carrigtohill	51°54'50"	8°16'55"	Cork	9	Section	Interglacial/ Gortian	0	Dowling <i>et al.</i> (1998)
211	Carrivmoragh	54°18'19"	5°58'41"	Down	260	Blanket bog	1600-10000	10	Holland (1975)
390	Carron	53°21'1"	9°4'2"	Clare	120	Fen peat	0-11500	0	Crabtree (1982)
151	Carrownaglogh	54°7'27"	8°59'9"	Mayo	150	Blanket bog	0-3800	4	O'Connell (1986)
42	Carrowreagh	53°52'1"	8°21'51"	Roscommon	75	Raised bog	1000-14500	0	Jessen (1949)
96	Cashelkeelty	51°45'26"	9°48'53"	Kerry	110	Blanket bog	0-6600	8	Lynch (1981)
315	Castlebog	54°8'43"	6°6'53"	Down	381	Blanket bog	4000-7000	0	McVicker (1993)
247	Castleackan Demesne	54°17'8"	9°16'33"	Mayo	100	Raised bog	1000-9500	0	Jessen (1949)
267	Céide Fields (BHY)	54°18'8"	9°27'37"	Mayo	170	Blanket bog	3000-5000	5	O'Connell and Molloy (2001)
168	Chancellorsland	52°28'30"	8°21'49"	Tipperary	110	Archaeological	1000-4000	1	Molloy (2008b)
175	Charleville	53°14'52"	7°31'47"	Offaly	65	Woodland hollow		0	Stefanini (2003)

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Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
37	Church Lough	53°36'55"	10°11'26"	Galway	15	Lake	0–11500	8	O'Connell and Ní Ghráinne (1994)
216	Claggan Mountain	53°56'30"	9°47'12"	Mayo	30	Blanket bog	0–4900	5	Foss and Doyle (1990)
74	Clara Bog	53°19'11"	7°37'19"	Offaly	60	Raised bog	0–11500	11	Crushell <i>et al.</i> (2008)
419	Claraghmore Bog 1	54°37'57"	7°27'21"	Tyrone	100	Raised bog	400–450	0	Hall and Bunting (2001)
323	Claraghmore Bog 2	54°37'50"	7°27'33"	Tyrone	78	Raised bog	2600–3500	0	Plunkett (2009)
471	Claremorris	53°43'19"	8°59'43"	Mayo	70	Raised bog	1500–11000	0	Erdtman (1927)
406	Clonemagh Bog	53°0'22"	7°25'12"	Laois	100	Raised bog	0–1300	0	Hall (2005)
405	Clonfert Bog	53°14'49"	8°4'10"	Galway	60	Raised bog	0–1900	0	Hall (2005)
289	Clonmass Estuary A	55°9'47"	7°52'44"	Donegal	5	Coastal peat	700–5000	5	Shaw and Carter (1994)
101	Clonmass Estuary B	55°9'10"	7°54'48"	Donegal	9	Coastal	0–3500	1	Shaw and Carter (1994)
66	Clonsast	53°12'33"	7°10'47"	Offaly	75	Raised bog	0–8000	1	Mitchell (1951)
245	Cloonacool	54°6'28"	8°45'37"	Sligo	60	Blanket bog	500–11500	0	Jessen (1949)
461	Cloonamore	53°37'40"	10°11'41"	Galway	30	Blanket bog	4500–6000	0	O'Connell and Ní Ghráinne (1994)
246	Cloonlara	53°57'1"	8°54'30"	Mayo	80	Raised bog	0–5000	0	Jessen (1949)
223	Cloughmills	54°59'1"	6°20'48"	Antrim	80	Raised bog	0–10000	0	Jessen (1949)
145	Cloverhill Lough	54°14'29"	8°30'7"	Sligo	28	Lake	0–1700	0	Göransson (1984, 2002)
275	Clynacartan Bog	51°53'40"	10°23'45"	Kerry	25	Blanket bog	5000–7500	1	Mitchell (1989)
35	Connemara National Park (FRKII)	53°33'3"	9°56'23"	Galway	60	Blanket bog	0–10300	11	O'Connell <i>et al.</i> (1988)
253	Cool Bog (Kilteely)	52°30'55"	8°23'38"	Limerick	100	Fen peat	10000–15500	0	Jessen (1949)
348	Cool West	52°26'34"	9°16'8"	Limerick	215	Blanket bog	0–3000	0	Mitchell (1951)
123	Coolteen	52°21'1"	6°36'11"	Wexford	50	Peaty basin	12800–15000	8	Craig (1978)
165	Coomloughra Lough	52°0'11"	9°45'50"	Kerry	490	Blanket bog		0	Welten (1952)
335	Cooney Lough	54°12'15"	8°32'25"	Sligo	35	Lake	2800–11200	11	Ghilardi (2012)
192	Cordal	52°13'28"	9°20'37"	Kerry	300	Blanket bog	1000–7000	0	Mitchell (1951)
26	Cork Harbour 1	51°53'55"	8°27'48"	Cork	6	Section	Gortian	0	Scourse <i>et al.</i> (1992)
139	Cork Harbour 2	51°53'55"	8°27'48"	Cork	6	Section	Gortian	0	Dowling <i>et al.</i> (1998)
69	Corlea 6/9	53°37'5"	7°50'56"	Longford	60	Raised bog	3650–4850	7	Caseldine <i>et al.</i> (1996)
411	Corlea 9	53°37'11"	7°51'24"	Longford	60	Raised bog	4800–5500	4	Caseldine <i>et al.</i> (1996)
373	Corlona	53°58'31"	8°0'25"	Leitrim	75	Raised bog	0–7000	1	Toball <i>et al.</i> (1955)
25	Cornaher Lough	53°21'47"	7°24'48"	Westmeath	90	Lake	0–12000	3	Heery (1998)
312	Corrib Bog	53°20'18"	9°0'0"	Galway	8	Raised bog	100–2200	3	Bingham (2011)
40	Corslieve Lough	54°3'16"	9°38'41"	Mayo	320	Lake	0–10500	4	Browne (1986), Coxon and Browne (1991)
402	Coumnaire	52°10'51"	10°10'57"	Kerry	560	Blanket bog	1000–5000	0	Mitchell (1951)
217	Cregganmore	54°16'27"	9°35'21"	Mayo	60	Lake	2000–13000	0	McKeever (1984)
14	Crimnagh River	51°59'6"	9°32'35"	Kerry	200	Blanket bog	4500–7500	0	Jessen (1949)

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285	Croaghau East	54°11'31"	9°27'23"	Mayo	160	Blanket bog	0-6500	4	Dwyer and Mitchell (1997)
317	Crockalough	55°2'40"	6°6'41"	Antrim	402	Blanket bog	0-8000	1	Hanna (1993)
318	Crocknamoyle	55°6'46"	6°8'17"	Antrim	230	Blanket bog	0-3000	2	Goddard (1971)
243	Crocknaraw	53°32'6"	10°1'33"	Galway	114	Blanket bog	3400-5800	3	Jennings (1997)
76	Cromane Point	52°8'14"	9°53'59"	Kerry	0	Coastal	450-2500	2	Shaw <i>et al.</i> (1986)
319	Cronalight	55°4'1"	8°12'28"	Donegal	400	Blanket bog	0-6000	1	Hanna (1993)
28	Crossnacreevy	54°33'38"	5°50'28"	Down	135	Archaeological	0-1000	2	Clayton and Girling (1973)
196	Cullenagh	51°43'0"	9°13'30"	Cork	244	Blanket bog	0-1000	1	Lynch (1981)
450	Cultra	54°39'21"	5°48'17"	Down	75	Modern transect		0	Hall (1989)
231	Cushendun	55°7'51"	6°2'30"	Antrim	5	Coastal	4000-8500	0	Movius <i>et al.</i> (1940)
23	Dereen	53°4'24"	9°17'10"	Clare	270	Blanket bog	1200-7500	0	Rutherford (1982)
408	Derragh Bog	53°46'1"	7°24'29"	Longford	70	Raised bog	0-6300	12	Brown <i>et al.</i> (2005)
409	Derragh Lough	53°45'47"	7°24'8"	Longford	62	Lake	0-5500	4	Brown <i>et al.</i> (2005)
112	Derryadd	54°30'24"	6°26'47"	Antrim	20	Wood peat	6000-10000	0	Jessen (1949)
17	Derrybrien	53°4'48"	8°34'42"	Galway	200	Blanket bog	1000-2200	1	Prendergast and Mitchell (1960)
240	Derrycassan	54°4'20"	7°38'44"	Cavan	75	Blanket bog	4500-7500	0	Jessen (1949)
396	Derryclure Bog	53°14'14"	7°27'34"	Offaly	80	Raised bog	0-800	1	O'Connell (1990a)
16	Derrycunihy 1	51°58'27"	9°35'53"	Kerry	35	Forest hollow	0-7800	4	Mitchell (1988)
19	Derrycunihy 2	51°58'26"	9°35'38"	Kerry	15	Forest hollow	0-6000	0	O'Sullivan (1991)
251	Derryfadda Lower	53°41'53"	9°6'31"	Mayo	50	Raised bog	2000-6000	0	Jessen (1949)
116	Derryinver Hill	53°35'2"	9°58'10"	Galway	80	Blanket bog	0-6300	8	Molloy and O'Connell (1993)
80	Derrynadivva	53°53'58"	9°19'34"	Mayo	135	Section	Gortian	0	Coxon <i>et al.</i> (1994)
224	Derrytagh North	54°30'11"	6°26'43"	Armagh	10	Blanket bog	4500-8000	0	Jessen (1949)
336	Derryville 1	52°44'45"	7°39'59"	Tipperary	130	Raised bog	0-4500	10	Caseldine <i>et al.</i> (2005a)
407	Derryville 2	52°46'9"	7°41'19"	Tipperary	100	Raised bog	0-1500	0	Hall (2005)
13	Devil's Bit	51°59'51"	9°32'59"	Kerry	20	Blanket bog	7000-8500	0	Jessen (1949)
115	Dolan	53°24'13"	9°59'44"	Galway	30	Blanket bog	0-11500	0	Teunissen and Teunissen-Van Ooschot (1980)
9	Doo Lough 1	52°1'4"	9°31'37"	Kerry	20	Lake	0-11500	0	Healy (1987)
421	Doo Lough 2	52°1'3"	9°31'34"	Kerry	20	Lake	0-11500	4	Mitchell and Cooney (2004)
432	Dooagh	53°58'23"	10°7'15"	Mayo	0	Peat sequence	6000-10000	5	Head <i>et al.</i> (2007)
473	Doon Lough	54°16'32"	8°18'52"	Leitrim	117	Lake	0-14000	0	Turbayne (1988)
297	Douglas	51°52'18"	8°24'28"	Cork	6	Section	Interglacial/Gortian	0	Dowling <i>et al.</i> (1998)
320	Douglas Top	54°51'30"	6°3'44"	Antrim	402	Blanket bog	0-6000	1	Hanna (1993)
198	Dromatouk	51°52'49"	9°31'14"	Kerry	107	Blanket bog	0-4000	2	Lynch (1981)

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374	Dromsallagh	52°37'30"	8°21'14"	Limerick	60	Raised bog	0-7500	0	Mitchell (1956)
199	Dromteevakeen 1	51°58'40"	9°44'40"	Kerry	101	Blanket bog	0-1500	1	Lynch (1981)
234	Dromteevakeen 2	51°57'57"	9°48'15"	Kerry	70	Valley peat	290-3150	8	McDonnell (1991)
349	Drummacaladerry	55°8'1"	7°44'59"	Donegal	210	Blanket bog	0-5000	0	Mitchell (1951)
205	Drumurcher	54°6'37"	7°12'36"	Monaghan	90	Section	7000-12500	1	Coope <i>et al.</i> (1979)
206	Dunshaughlin 1	53°30'57"	6°30'56"	Meath	100	Lake	3000-6500	0	Mitchell (1951)
190	Dunshaughlin 2	53°30'57"	6°30'56"	Meath	100	Former lake	0-11000	0	Watts (1977)
350	Edentobber	54°5'16"	6°19'15"	Louth	335	Blanket bog	0-5000	0	Mitchell (1951)
269	Emlagh Bog	51°54'24"	10°23'9"	Kerry	30	Blanket bog	3000-6000	3	Coxon (1985)
	Embayment, Kerry								
166	Emlagh Bog, Meath	53°44'59"	6°46'41"	Meath	60	Raised bog	1300-2300	0	Newman <i>et al.</i> (2007)
95	Emlaghlea Bog	51°51'26"	10°13'6"	Kerry	40	Blanket bog	1000-11500	0	Jessen (1949)
272	Essexford Lough	53°58'5"	6°38'44"	Louth	36	Lake	0-5500	5	Weir (1995)
451	Fairy Water	54°38'1"	7°27'15"	Tyrone	70	Raised bog		0	Morrison (1955)
351	Falcarragh	55°6'56"	8°5'19"	Donegal	45	Blanket bog	0-4500	0	Mitchell (1951)
154	Fallahogy 1	54°54'13"	6°33'32"	Derry	46	Raised bog	0-11000	6	Smith (1958)
99	Fallahogy 2	54°54'30"	6°33'22"	Derry	50	Raised bog	850-1300	0	Hall <i>et al.</i> (1993)
31	Faunarooska	53°4'49"	9°17'0"	Clare	255	Blanket bog	1200-5500	0	Rutherford (1982)
301	Fiddaun	53°0'55"	8°52'3"	Galway	30	Former lake	7000-12000	5	van Asch <i>et al.</i> (2012)
449	Finglas River 1	51°48'26"	10°9'11"	Kerry		Section	13000-14200	2	Bryant (1974)
156	Finglas River 2	51°48'29"	10°9'7"	Kerry	65	Section	9800-12000	23	Turney <i>et al.</i> (2000)
12	Galway's Bridge	51°57'55"	9°34'41"	Kerry	110	Blanket bog	45000-75000	0	Jessen (1949)
389	Garramon Wood	52°41'39"	8°44'46"	Clare	20	Mor humus	0-650	1	Bohan (1997)
47	Garry Bog 1	55°6'32"	6°31'44"	Antrim	40	Raised bog	0-9500	10	Pilcher and Baillie (1990)
418	Garry Bog 2	55°6'32"	6°31'44"	Antrim	40	Raised bog	0-1000	0	Hall (1998)
458	Garry Bog 3	55°05'0"	6°34'0"	Antrim	30	Raised bog	2500-3600	0	Plunkett (2009)
274	Garrynagran	54°10'16"	9°22'34"	Mayo	60	Blanket bog	4200-7400	6	Jennings (1997)
321	Garvaghullion Bog	54°38'6"	7°26'5"	Tyrone	100	Raised bog	0-1000	0	Hall (1998)
18	Glaistin na Marbh	52°0'32"	9°33'52"	Kerry	140	Forest hollow	0-11000	5	O'Sullivan (1991)
255	Glantalappa East	52°30'41"	9°19'2"	Kerry	130	Blanket bog	4500-6500	0	Jessen (1949)
242	Glantane East	52°0'19"	9°2'49"	Cork	250	Blanket bog	2500-3700	3	Hodd (1999)
174	Glashabaun	53°18'28"	6°59'14"	Offaly	75	Raised bog		0	McNally and Doyle (1984)
436	Glen of the Downs	53°8'10"	6°7'5"	Wicklow	100	Forest hollow	0-400	0	Brett (1998)
386	Glen West	54°24'45"	8°2'18"	Fermanagh	90	Raised bog	2600-3300	3	Plunkett (2009)
422	Glena	52°1'14"	9°33'40"	Kerry	50	Mor humus	0-250	0	Jacob (1990)
233	Glenballyemon	55°3'35"	6°7'19"	Antrim	300	Blanket bog	1000-8000	0	Jessen (1949)
27	Glendalough	53°0'30"	6°20'3"	Wicklow	130	Lake	0-14000	5	Haslett <i>et al.</i> (2006)
180	Glens Bridge	55°6'14"	6°16'9"	Antrim	225	Blanket bog	0-4000	4	Goddard (1971)

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300	Glenulra (Céide Fields)	54°17'54"	9°26'23"	Mayo	90	Blanket bog	4500–6100	0	Molloy and O'Connell (1995)
61	Goodland	55°12'15"	6°6'55"	Antrim	210	Blanket bog	0–4500	0	Mitchell (1951)
73	Gortaclare	53°4'56"	9°2'6"	Clare	285	Grykes	0–1900	3	Feaser and O'Connell (2009)
194	Gortagenrick	51°40'40"	9°50'45"	Cork	140	Blanket bog	1000–5000	0	Mitchell (1951)
415	Gortahurk	54°18'59"	7°48'0"	Fermanagh	225	Peaty basin	0–1000	0	Hall (2003)
33	Gortalecka	53°0'10"	9°0'58"	Clare	30	Fen	0–11500	6	Watts (1963)
46	Gortcorbies	55°4'18"	6°50'11"	Derry	250	Blanket bog	0–8000	15	Smith (1975)
426	Grangemore	55°9'29"	6°44'19"	Derry	3	Palaeosol		0	Plunkett <i>et al.</i> (2004a)
183	Greaghans	53°36'34"	9°4'24"	Mayo	42	Turlough	10000–15500	0	Coxon and Coxon (1994)
105	Greyabbey	54°31'57"	5°33'47"	Down	5	Marine sediments	8600–9300	2	Simpson (2008)
352	Griffinrath	53°20'50"	6°34'38"	Kildare	75	Section	10000–12000	0	Mitchell (1951)
353	Grillagh	53°39'52"	7°53'37"	Longford	55	Raised bog	0–6500	0	Mitchell (1951)
322	Gruig Top	55°6'22"	6°7'20"	Antrim	310	Blanket bog	0–3500	3	Goddard (1971)
126	Hag's Glen	51°59'53"	9°43'18"	Kerry	350	Alluvial fan	0–4500	4	Anderson <i>et al.</i> (2000)
434	Hanging Rock Wood	54°16'34"	7°49'47"	Fermanagh	170	Forest hollow	0–500	0	McGorrian (2000)
287	Haughy's Fort	54°21'11"	6°43'39"	Armagh	80	Soil profile	2000–3000	1	Weir (1987), Weir and Conway (1988)
412	High Island	53°32'50"	10°15'37"	Galway	25	Blanket bog	600–4250	3	Molloy <i>et al.</i> (2000)
60	Illauncronan	52°56'49"	8°51'36"	Clare	47	Lake	10000–14500	0	Andrieu <i>et al.</i> (1993)
53	Imlagh	51°54'35"	10°23'55"	Kerry	25	Coastal peat	0–5000	0	Coxon (1983)
55	Imlagh Basin	51°53'54"	10°23'53"	Kerry	25	Coastal peat basin	5000–7000	0	Mitchell (1989)
232	Island Magee	54°50'47"	5°46'15"	Antrim	5	Coastal	6000–8000	0	Jessen (1949)
354	Jenkinstown	54°0'18"	6°15'40"	Louth	15	Basin, past lagoon	7500–9000	0	Mitchell (1951)
355	Johnstown	53°5'47"	6°32'49"	Wicklow	175	Section/River terrace	1100–12000	0	Mitchell (1951)
339	Kelly's Lough	52°57'17"	6°25'45"	Wicklow	585	Lake	0–11000	9	Leira <i>et al.</i> (2007)
429	Kilbeg 1	52°10'17"	7°19'14"	Waterford	80	Interglacial peat deposit	Gortian	0	Jessen <i>et al.</i> (1959)
460	Kilbeg 2	52°10'17"	7°19'14"	Waterford	80	Interglacial peat deposit	Gortian	0	Watts (1959)
286	Kilbegly	53°19'14"	8°9'2"	Roscommon	35	Archaeological sections	800–3600	4	Overland and O'Connell (2011)
447	Kilcurley	53°23'26"	7°39'47"	Offaly	70	Small hollow	0–2000	2	O'Carroll (2012)
83	Kildromin	52°31'14"	8°25'18"	Limerick	100	Interglacial peat deposit	Gortian	0	Watts (1967)
218	Kilfenora	52°16'23"	9°48'41"	Kerry	0	Interglacial deposit		0	Hejnis <i>et al.</i> (1993)

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184	Kilglassan	53°37'31"	9°5'23"	Mayo	41	Turlough	10000–15500	0	Coxon and Coxon (1994)
469	Kilkenny Courthouse	52°39'15"	7°15'11"	Kilkenny	50	Archaeological	300–800	0	Stefanini (2009)
236	Killough Bog	53°6'52"	6°30'30"	Wicklow	180	Blanket bog		0	Jessen (1949)
129	Killymaddy Lough	54°30'1"	6°47'32"	Tyrone	75	Lake	0–10000	10	Hirons (1983)
400	Kilmacoe TD I	52°24'18"	6°22'50"	Wexford	20	Kettle hole	6000–12000	0	Mitchell (1951)
357	Kilmacoe TD II, Lough Doo	52°24'24"	6°22'42"	Wexford	37	Kettle hole	9000–14000	0	Mitchell (1951)
225	Kilmore	52°7'60"	10°9'60"	Kerry	150	Blanket bog	450–3500	6	Wolters (1996)
356	Kilmoyly	52°21'40"	9°44'8"	Kerry	30	Blanket bog	0–6500	0	Mitchell (1951)
21	Kippure Lodge Basin	53°10'21"	6°22'48"	Wicklow	310	Blanket bog	0–8250	Some	Glanville (1999)
48	Knockadoon South	52°30'53"	8°31'26"	Limerick	85	Lake deposits	2500–13000	7	Ahlberg <i>et al.</i> (2001)
1	Knockasarnet	52°5'1"	9°31'40"	Kerry	80	Wood peat	4500–7500	0	Jessen (1949)
78	Knockaunaglashy	52°6'42"	9°52'41"	Kerry	0	Coastal	0–3600	7	Carter <i>et al.</i> (1989)
388	Knockiveagh	54°16'30"	6°11'6"	Down	230	Archaeological		0	Smith (1957)
140	Knocknacran 1	53°56'14"	6°45'57"	Monaghan	60	Gypsum quarry	9000–13000	0	Mitchell (1951)
220	Knocknacran 2	53°56'20"	6°45'45"	Monaghan	60	Interglacial deposit		0	Vaughan <i>et al.</i> (2004)
212	Lackan	54°16'13"	6°6'6"	Down	75	Raised bog	2000–9600	16	Holland (1975)
15	Ladies' View	51°58'5"	9°35'59"	Kerry	150	Blanket bog	0–11500	0	Vokes (1966)
442	Lecarrow	53°48'28"	9°57'44"	Mayo	50	Peat	1000–3000	0	Molloy (2007)
292	Liffey Head Bog 1	53°9'33"	6°17'46"	Wicklow	500	Blanket bog	0–1250	1	Cole and Mitchell (2003)
107	Liffey Head Bog 2	53°9'33"	6°17'46"	Wicklow	520	Blanket bog	8000–9000	1	Mitchell and Conboy (1993)
91	Lios Lairthin Mór	53°4'56"	9°13'29"	Clare	270	Blanket bog	0–3000	8	Jelicic and O'Connell (1992)
250	Lisnolan	53°48'17"	9°10'27"	Mayo	75	Raised bog	4500–13000	0	Jessen (1949)
358	Lissue	54°30'9"	6°6'21"	Antrim	38	Archaeological site	950–1200	0	Mitchell (1951)
200	Littleton Bog	52°39'21"	7°38'40"	Tipperary	140	Raised bog	0–11500	0	Mitchell (1965)
276	Loch an Chorcail, Carna	53°21'10"	9°51'14"	Galway	15	Infilled lake basin		0	McDonnell (1988)
213	Long Lough	54°25'47"	5°52'30"	Down	90	Lake	0–3200	5	Hall (1990b)
132	Lough Adoon Hill Bog	52°11'56"	10°9'2"	Kerry	120	Blanket bog	0–4000	4	Dodson (1990)
133	Lough Adoon Valley Bog	52°12'18"	10°9'15"	Kerry	110	Blanket bog	0–3400	2	Dodson (1990)
39	Lough Aisling	53°55'7"	9°35'17"	Mayo	15	Lake	0–13500	4	Coxon and Browne (1991)
88	Lough Anaffrin	53°57'8"	9°43'20"	Mayo	184	Lake	0–13000	4	Coxon and Browne (1991)
475	Lough Anarry	54°15'22"	8°16'31"	Leitrim	85	Lake	0–14000	4	Turbayne (1988)

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106	Lough Anelteen	54°16'28"	8°21'37"	Sligo	30	Lake	7000–14000	5	Bradshaw <i>et al.</i> (1985)
162	Lough Arrow	54°03'00"	8°19'00"	Sligo	53	Lake			Stolze <i>et al.</i> (2012b)
455	Lough Availle	54°03'18"	8°23'32"	Sligo	192	Fen	5000–6000		Stolze <i>et al.</i> (2012b)
277	Lough Avullin	53°48'36"	9°58'8"	Mayo	30	Drained lake	0–15000	2	Corocan (2002)
77	Lough Beag	51°42'4"	9°55'32"	Cork	103	Lake	500–11500	17	Overland and O'Connell (2008)
113	Lough Beg	54°47'38"	6°28'32"	Antrim	10	Lake		0	O'Sullivan <i>et al.</i> (1973)
244	Lough Boora	53°13'16"	7°44'54"	Offaly	52	Raised bog	8700–9300	2	O'Connell (1980b)
131	Lough Camclaun	52°11'28"	10°9'48"	Kerry	230	Lake	0–11500	5	Dodson (1990)
127	Lough Catherine	54°42'9"	7°26'6"	Tyrone	60	Lake	0–11500	4	Hirons and Edwards (1986)
87	Lough Clevala	54°2'25"	9°25'57"	Mayo	73	Lake	0–16000	5	Coxon and Browne (1991)
440	Lough Corrib	53°20'5"	9°4'4"	Galway	2	Lake	5000–11500	8	Bingham (2011)
278	Lough Cuith	53°20'0"	7°36'33"	Offaly	61	Lake	4000–7000	2	Connolly (1999)
337	Lough Dá Éan	53°0'28"	9°0'59"	Clare	30	Lake		0	Jelicic and O'Connell (1992)
453	Lough Dargan	54°12'7"	8°25'23"	Sligo	55	Lake	3400–8000	7	Ghilardi (2012)
338	Lough Diheen	52°22'9"	8°10'15"	Tipperary	554	Lake	0–700	1	Leira <i>et al.</i> (In Preparation)
149	Lough Doo	54°3'0"	9°5'37"	Mayo	21	Lake	0–7600	8	O'Connell <i>et al.</i> (1987)
279	Lough Fark	53°45'46"	9°5'46"	Mayo	45	Lake	0–11500	0	Fuller and O'Connell (1998)
443	Lough Gall	54°24'11"	6°36'4"	Armagh	25	Lake	0–2000		McCallen (1974)
248	Lough Gealaín	52°59'57"	9°1'21"	Galway	28	Lake	500–11000	42	Feeser and O'Connell (2009)
89	Lough Goller	53°0'30"	9°18'1"	Clare	100	Lake	9000–13000	0	Watts (1963)
38	Lough Gowlanagower	53°37'40"	10°11'41"	Galway	100	Lake	0–11500	7	O'Connell and Ní Ghráinne (1994)
394	Lough Gur Red Bog	52°30'52"	8°31'58"	Limerick	82	Bog/former lake	9000–15000	4	Ahlberg <i>et al.</i> (1996)
141	Lough Gur 1	52°30'29"	8°31'22"	Limerick	82	Lake	0–11500	0	Mitchell (1954)
395	Lough Gur 2	52°30'29"	8°31'22"	Limerick	82	Lake	9000–15000	0	Ahlberg <i>et al.</i> (1996)
158	Lough Henney	54°27'20"	5°55'27"	Down	50	Lake	0–5000	0	Hall (1991)
423	Lough Inchiquin	51°48'34"	9°41'19"	Kerry	45	Mor humus	0–4000	0	Mitchell (1993)
186	Lough Ine	51°30'5"	9°18'18"	Cork	0	Lake	0–11500	0	Buzer (1980)
410	Lough Kinale (Ballywillin Crannog)	53°47'0"	7°24'48"	Longford	62	Lake	0–9300	9	Brown <i>et al.</i> (2005)
181	Lough Lark	54°46'32"	6°59'48"	Tyrone	320	Blanket bog	0–4000	2	Goddard (1971)
474	Lough Lommen	54°13'13"	8°25'48"	Sligo	172	Lake	0–14000	7	Turbayne (1988)
376	Lough Maumeen	53°29'25"	9°38'51"	Galway	250	Lake	0–11500	7	Huang (2002)
110	Lough Mullaghlahan	54°46'30"	8°28'1"	Donegal	40	Lake	0–14500	6	Fossitt (1994)

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63	Lough na Trosk	55°0'38"	6°0'41"	Antrim	300	Lake	0-12500	7	Francis (1987)
393	Lough na Trosk Wall sites	55°0'40"	6°0'34"	Antrim	300	Blanket bog	0-4000	4	Francis (1987)
111	Lough Nabradan	55°1'22"	8°20'52"	Donegal	20	Lake	0-13500	5	Fossitt (1994)
457	Lough Nadourcan	55°3'0"	7°54'0"	Donegal	77	Lake	10000-16000	17	Jeffers <i>et al.</i> (2012)
204	Lough Nadourcon	55°3'7"	7°54'43"	Donegal	77	Lake	0-12000	6	Telford (1977), Watts (1977)
207	Lough Nahanagan	53°1'48"	6°23'26"	Wicklow	410	Lake	Late glacial	0	Colhoun and Syngé (1980), Watts (1977)
121	Lough Nalughoge	54°9'48"	7°26'33"	Fermanagh	50	Lake		0	Ó Dunlaing (2000)
34	Lough Namackanbeg1	53°17'43"	9°17'11"	Galway	90	Lake/Schwimgmoor	0-13000	12	O'Connell <i>et al.</i> (1988)
444	Lough Namackanbeg2	53°17'43"	9°17'11"	Galway	90	Lake	10000-15000	0	Andrieu <i>et al.</i> (1993)
327	Lough Nanallog	54°39'21"	7°4'20"	Tyrone	180	Lake	0-7500	0	Hirons (1988)
114	Lough Neagh	54°42'43"	6°16'3"	Antrim	10	Lake	0-5000	6	O'Sullivan <i>et al.</i> (1973)
36	Lough Sheeaus	53°33'23"	10°4'32"	Galway	18	Lake	1400-10800	13	Molloy and O'Connell (1991)
259	Loughanaphuca	53°47'44"	10°2'6"	Mayo	70	Blanket bog	13000-90000	0	Coxon (1982)
325	Loughaveema	55°9'30"	6°6'30"	Antrim	170	Blanket bog	0-3200	4	Goddard (1971)
324	Loughermore	54°57'31"	7°5'22"	Derry	170	Blanket bog	2000-3500	2	Goddard (1971)
456	Loughmeenaghan	54°05'39"	8°23'38"	Sligo	63	Lake	4600-6000	14	Stolze <i>et al.</i> (2012a)
282	Loughnashade	54°21'1"	6°41'26"	Armagh	50	Lake	1000-12000	2	Weir (1993a)
58	Lurga	53°0'58"	8°51'55"	Galway	30	Peaty basin	9600-15000	5	Andrieu <i>et al.</i> (1993)
202	Magheralagan Lake	54°19'7"	5°46'58"	Down	7.9	Lake	0-11500	0	Singh and Smith (1973)
137	Magillicuddy's Reeks	52°0'42"	9°42'52"	Kerry	300	Peat sections	1000-4000	2	Anderson <i>et al.</i> (2004)
195	Maughanasilly	51°46'15"	9°23'14"	Cork	213	Blanket bog	0-4000	1	Lynch (1981)
134	Maum Townland	53°48'40"	9°58'2"	Mayo	30	Blanket bog	0-11500	0	Coxon (1987, 2002)
41	Meenadoan	54°35'34"	7°37'19"	Tyrone	213	Raised bog	0-13500	12	Pilcher and Larmour (1982)
30	Meenskeha East	52°7'32"	9°3'44"	Cork	150	Pingo remnant	9200-11500	3	Coxon (1986)
417	Mhónáin	52°12'35"	10°13'16"	Kerry	160	Alluvium	1300-4500	7	Allen (1999, 2004)
193	Milleens	51°48'55"	9°32'17"	Kerry	80	Blanket bog	4000-6000	0	Mitchell (1951)
197	Milmorane	51°51'41"	9°10'33"	Cork	215	Blanket bog	0-5000	0	Mitchell (1951)
56	Molly's Lough	52°56'32"	9°6'3"	Clare	30	Lake	0-12000	4	Lamb and Thompson (2005)
414	Monaincha	52°56'29"	7°43'30"	Tipperary	50	Raised bog	0-1000	0	Hall (2003)
359	Moneystown	53°0'21"	6°11'33"	Wicklow	200	Raised bog	200-10000	0	Mitchell (1951)
413	Moneyveagh	53°21'47"	8°40'36"	Galway	50	Raised bog	0-1000	0	Hall (2003)

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219	Mongan Bog 1	53°19'35"	7°56'55"	Offaly	30	Raised bog	0–10500	8	Parkes and Mitchell (2000)
404	Mongan Bog 2	53°19'35"	7°57'7"	Offaly	60	Raised bog	0–1600	0	Hall (2005)
143	Mooghaun	52°47'28"	8°52'12"	Clare	30	Lake	0–11500	2	Molloy (2005)
102	Mount Gabriel	51°33'12"	9°31'14"	Cork	300	Bog	0–8000	6	Mighall <i>et al.</i> (2008)
361	Mount Shannon	52°41'17"	8°29'59"	Limerick	45	Raised bog	4000–6000	0	Mitchell (1951)
362	Moyarwood	53°20'13"	8°30'29"	Galway	90	Blanket bog	0–6000	0	Mitchell (1951)
281	Moyneagh Lough	53°49'0"	6°45'21"	Meath	30	Lake	0–9000	4	Stewart (2011)
385	Moyneen Bog	52°31'55"	9°11'3"	Limerick	120	Blanket bog	2400–3600	0	Plunkett (2009)
2	Muckross Bog	52°1'1"	9°31'6"	Kerry	21	Raised bog	0–10500	0	Vokes (1966)
258	Mullaboy	54°58'1"	7°10'3"	Derry	140	Archaeological		0	Williams <i>et al.</i> (1981)
466	Mullaghdleevaun	53°5'30"	6°22'53"	Wicklow	560	Blanket bog	0–200	0	Bowler and Bradshaw (1985)
45	Mullangore Wood	55°1'6"	7°59'14"	Donegal	70	Small hollow	0–650	1	Telford (1977)
249	Munhin Bridge	54°9'45"	9°46'51"	Mayo	10	Blanket bog	0–11500	0	Jessen (1949)
118	Mweenish Bay	53°18'25"	9°50'0"	Galway	0	Coastal	500–5000	0	Molloy and O'Connell (1988)
459	Newferry 1	54°49'12"	6°27'32"	Antrim	15	Diatomite deposit	3500–9000	0	Jessen (1949)
153	Newferry 2	54°49'12"	6°27'32"	Antrim	15	Diatomite deposit	5300–9000	7	Smith and Collins (1971)
448	Newgrange	53°41'40"	6°28'31"	Meath	35	Archaeological	5000		Groenman-van Waateringe (1984)
399	Newlands Cross	53°18'24"	6°23'2"	Dublin	80	Tufa	5000–11200	3	Preece <i>et al.</i> (1986)
467	Newrath	52°16'4"	7°7'57"	Kilkenny	2	Peat section	1600–5600	6	Timpany (2009)
430	Newtown	52°12'54"	6°58'34"	Waterford	5	Interglacial peat deposit	Gortian	0	Watts (1959)
363	Newtownbabe	53°58'14"	6°26'42"	Louth	38	Peat filled hollow	7500–13000	0	Mitchell (1951)
135	Oak Island, Lough Anessaundoo	53°27'9"	9°54'24"	Galway	20	Mor humus	0–1000	0	Hannon and Bradshaw (1989)
167	Old Head Wood	53°46'46"	9°46'25"	Mayo	80	Forest hollow	0–200	0	Ni Ghraíne (1988)
382	Oldcroghan	53°19'53"	7°18'6"	Offaly	90	Raised bog	2000–3000	7	Plunkett <i>et al.</i> (2009)
377	Oldtown Kilcasha	53°22'3"	8°6'54"	Roscommon	60	Raised bog	0–7000	0	Mitchell (1956)
384	Owenduff	54°1'29"	9°40'54"	Mayo	100	Blanket bog	2600–3700	0	Plunkett (2009)
71	Ownebegacashel	53°57'1"	9°58'59"	Mayo	90	Blanket bog	4000–8000	1	Caseldine <i>et al.</i> (2005b)
333	Parkmore	55°0'29"	6°8'24"	Antrim	270	Raised bog		0	Morrison (1958)
416	Portmagee	51°52'52"	10°21'58"	Kerry	5	Atlantic blanket bog	0–1000	0	Hall (2003)
230	Portrush Cliff	55°12'6"	6°39'20"	Derry	5	Coastal	6000–8500	0	Jessen (1949)
208	Poulroe	53°4'0"	8°58'0"	Clare	30	Lake	Late glacial	0	Watts (1977)
152	Pubble	54°57'32"	7°5'22"	Derry	180	Blanket bog	0–4000	5	Smith <i>et al.</i> (1981)
43	Raheelin	54°21'15"	8°1'52"	Leitrim	150	Blanket bog	1000–5500	0	Jessen (1949)

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238	Ralaghan	53°57'39"	6°54'50"	Cavan	230	Blanket bog	9000–14500	0	Jessen and Farrington (1938)
122	Rasharkin Bog	54°58'42"	6°26'29"	Antrim	50	Raised bog		0	Morrison (1958)
364	Rathcoffey South	53°18'56"	6°39'35"	Kildare	85	Section	11000–14000	0	Mitchell (1951)
296	Rathdooney	54°6'48"	8°31'10"	Sligo	128	Soil profile	5000–5500	3	Mount (1999)
365	Rathjordan	52°31'44"	8°29'12"	Limerick	75	Crannog Fen	4500–5500	0	Mitchell (1951)
437	Ratoath	53°30'4"	6°29'52"	Meath	90	Former lake	Late glacial	0	Mitchell (1940)
366	Ravansdale Park	54°4'37"	6°18'46"	Louth	455	Blanket bog	0–6500	0	Mitchell (1951)
401	Redbog (Kildare)	53°11'46"	6°32'4"	Kildare	275	Peat filled kettle hole	0–2500	0	Mitchell (1951)
403	Redbog 1 (Louth)	53°58'30"	6°37'16"	Louth	50	Raised bog	200–7000	0	Mitchell (1956)
163	Redbog 2 (Louth)	53°58'29"	6°37'38"	Louth	30	Raised bog	0–7500	11	Watts (1985)
173	Redbog 3 (Louth)	53°58'29"	6°37'38"	Louth	30	Raised bog	300–6500	6	Weir (1995)
4	Reenadinna Wood	52°1'1"	9°31'14"	Kerry	20	Forest hollow	0–8000	2	Mitchell (1990a)
273	Reenarea Rise	51°53'33"	10°21'13"	Kerry	5	Wood peat	4200–6500	3	Mitchell (1989)
328	Ringnaill Quay	54°30'46"	5°39'1"	Down	20	Section	Early Holocene	0	Morrison (1960)
93	Rinn na Móna	52°59'40"	9°2'54"	Clare	33	Lake	0–9000	0	Watts (1984)
439	Rinnaraw	55°10'42"	7°56'22"	Donegal	2	Soil samples	1300	1	Molloy (2006)
82	Rockforest	53°0'17"	8°57'35"	Clare	16	Lake	0–1600	6	Roche (2010)
52	Roddans Port	54°30'54"	5°28'14"	Down	10	Coastal	Late glacial	6	Morrison <i>et al.</i> (1965)
380	Roshin Point A	54°50'29"	8°22'6"	Donegal	0	Coastal peat	2500–5700	1	Shaw and Carter (1994)
381	Roshin Point B	54°50'16"	8°22'28"	Donegal	0	Coastal peat	0–4000	0	Shaw and Carter (1994)
5	Ross Island	52°2'16"	9°32'8"	Kerry	25	Forest hollow	0–4500	1	Mitchell and Cooney (2004)
103	Rossbehy	52°4'55"	9°58'15"	Kerry	5	Coastal peat	0–3000	3	Blythe (1996)
468	Rothe House	52°39'15"	7°15'16"	Kilkenny	50	Archaeological		0	Klimaschewski (2009)
6	Rough Island	52°1'53"	9°31'59"	Kerry	10	Mor humus	0–250	0	Mitchell (1990b)
108	Roundstone I	53°24'42"	9°54'47"	Galway	2	Coastal	4500–14500	0	Jessen (1949)
428	Roundstone II	53°26'58"	9°56'8"	Galway	33	Blanket bog	1000–12500	0	Jessen (1949)
75	RUA	53°0'53"	8°59'40"	Clare	170	Grykes	0–1000	1	Feeser and O'Connell (2009)
68	Scragh Bog	53°34'48"	7°21'42"	Westmeath	103	Raised bog	0–11500	0	O'Connell (1980a)
329	Seaforde Bog	54°19'39"	5°50'21"	Down	61	Former lake	4000–7000	0	McVicker (1993)
472	Seefin	53°11'11"	6°23'39"	Wicklow	600	Blanket bog	Unknown	0	Doherty (1991)
3	Sheheree Bog	52°2'27"	9°28'49"	Kerry	65	Raised bog	0–11500	6	Mitchell and Cooney (2004)
375	Sheskinmore	54°48'54"	8°27'7"	Donegal	0	Coastal peat	2000–4000	0	Shaw (1985)
209	Shortalstown	52°16'4"	6°30'40"	Wexford	30	Section	Interglacial	0	Colhoun and Mitchell (1971)

Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
252	Shower	52°42'49"	8°25'59"	Tipperary	45	Raised bog	0-10000	0	Jessen (1949)
334	Slieve Binnian	54°8'56"	5°58'6"	Down	686	Blanket bog	3500-4500	0	McVicker (1993)
214	Slieve Croob	54°20'24"	5°58'23"	Down	462	Blanket bog	500-5500	10	Holland (1975)
94	Slieve Donard	54°10'51"	5°56'19"	Down	763	Blanket bog	3500-4500	0	McVicker (1993)
49	Slieve Gallion	54°44'13"	6°44'42"	Tyrone	430	Blanket bog	0-11500	12	Pilcher (1973)
142	Slieve Gullion	54°7'54"	6°25'19"	Armagh	350	Blanket bog	0-6000	1	Hall (1990a)
157	Slieve Meelbeg	54°11'3"	6°0'42"	Down	610	Blanket bog	3300-4500	0	Hall <i>et al.</i> (1994)
159	Slieve Muck	54°9'25"	6°2'13"	Down	673	Blanket bog	0-500	0	McVicker (1997)
331	Slieveanorra	55°5'18"	6°13'23"	Antrim	285	Blanket bog	0-8000	0	Goddard (1971)
332	Slievebane	54°57'34"	6°6'36"	Antrim	403	Blanket bog	0-8000	1	Hanna (1993)
330	Slievenahanaghan	55°2'8"	6°15'56"	Antrim	405	Blanket bog	0-7000	1	Hanna (1993)
215	Slievenaslat	54°16'17"	5°57'36"	Down	300	Blanket bog	1700-7000	8	Holland (1975)
221	Slish Lake	54°14'37"	8°22'15"	Sligo	20	Lake	0-1900	3	Dodson and Bradshaw (1987)
120	Sluggan Bog 1	54°45'52"	6°17'37"	Antrim	50	Raised bog	0-12500	23	Smith and Goddard (1991)
51	Sluggan Bog 2	54°45'58"	6°17'37"	Antrim	50	Raised bog	2200-3400	0	Plunkett (2009)
117	Sluggan Bog 3	54°45'58"	6°17'37"	Antrim	50	Raised bog	0-1500	0	Hall <i>et al.</i> (1993)
170	Sluggan Bog 4	54°45'50"	6°17'36"	Antrim	50	Raised bog	10000-14000	75	Walker <i>et al.</i> (2012)
313	Soarn's Lough	54°57'53"	6°6'45"	Antrim	360	Small lake	4300-9000	0	Doyle (2003)
228	Somerset	55°7'15"	6°38'50"	Derry	4	Coastal	4500-8000	0	Jessen (1949)
227	Spring Bridge	55°2'44"	6°34'42"	Derry	10	Coastal	4500-8000	0	Jessen (1949)
283	St John's Wood	53°33'38"	8°0'37"	Roscommon	50	Forest hollow	0-7500	4	Budd and von Engelbrechten (1999)
360	Star Bog	54°51'16"	5°57'20"	Antrim	270	Peat hollow	4300-9000	0	Doyle (2003)
391	Strandhill	54°16'16"	8°36'26"	Sligo	28	Submerged peat	6000-7000	2	Göransson (1984)
378	Tattenamona	54°20'44"	7°27'19"	Fermanagh	75	Raised bog	0-6000	0	Mitchell (1956)
445	Templevanny Lough	54°2'5"	8°24'22"	Sligo	95	Lake	2000-6000	many	Stolze <i>et al.</i> (2012b)
235	Termonfeckin Cliff	53°45'46"	6°14'46"	Louth	5	Coastal peat	6000-7000	0	Jessen (1949)
392	The King's Stables	54°21'3"	6°42'38"	Armagh	50	Artificial pond	0-2800	1	Lynn <i>et al.</i> (1977)
431	The Long Range 2	51°59'8"	9°33'44"	Kerry	30	Blanket bog	10000-15500	0	Watts (1963)
10	The Long Range 1	51°59'8"	9°33'44"	Kerry	30	Blanket bog	300-10800	0	Jessen (1949)
65	Tievebulliagh 1	55°4'34"	6°7'49"	Antrim	390	Blanket bog	1000-7000	0	Jessen (1949)
201	Tievebulliagh 2	55°4'28"	6°7'54"	Antrim	225	Blanket bog	0-6000	2	Weir (1993b)
256	Togherbane	52°23'33"	9°46'32"	Kerry	10	Blanket bog	500-7500	0	Jessen (1949)
125	Toome Bay	54°45'6"	6°28'44"	Derry	20	Wood peat	8000-10000	0	Jessen (1949)
427	Toome 1	54°49'6"	6°27'41"	Antrim	20	Diatomite deposit	Unknown	0	Movius <i>et al.</i> (1935)
90	Toome 2	54°45'33"	6°27'26"	Derry	20	Diatomite deposit	4300-6000	0	Plunkett <i>et al.</i> (2004b)
189	Tooreen More West	51°40'26"	9°55'32"	Cork	230	Blanket bog	4500-7500	0	Jessen (1949)
59	Tory Hill	52°32'24"	8°41'0"	Limerick	30	Lake	11400-16000	0	O'Connell <i>et al.</i> (1999)

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Site no.	Site name	Latitude (N)	Longitude (W)	County	Alt. (m)	Site type	Time span (calBP)	No. of ¹⁴ C dates	References
302	Trawenagh Bay	54°53'20"	8°18'56"	Donegal	0	Coastal	0-4500	2	Shaw and Carter (1994)
182	Treanscrabbagh 1	54°3'30"	8°23'27"	Sligo	320	Blanket bog	0-11500	0	Mitchell (1951)
146	Treanscrabbagh 2	54°3'30"	8°23'27"	Sligo	320	Minerotrophic peat	5000-7000	5	Göransson (1984)
367	Treanybrogaun	53°56'9"	9°10'44"	Mayo	30	Blanket bog	1000-6000	0	Mitchell (1951)
11	Trostan	55°2'42"	6°9'18"	Antrim	540	Blanket bog	0-7000	1	Hanna (1993)
188	Tumbagh Bog	53°18'53"	7°45'54"	Offaly	55	Raised bog	700-2400	4	Weir (2005)
222	Union Wood Lake	54°13'1"	8°28'30"	Sligo	50	Lake	0-7500	6	Dodson and Bradshaw (1987)
150	Uragh Wood	51°48'27"	9°41'49"	Kerry	70	Forest hollow	0-3400	5	Little <i>et al.</i> (1996)
54	Uragh Wood N3	51°48'31"	9°42'8"	Kerry	70	Mor humus	0-1000	2	Cunningham <i>et al.</i> (1999)
148	Victoria Dock, Belfast	54°36'35"	5°55'7"	Antrim	5	Coastal		0	Morrison (1958)
452	Washing Lough	54°56'58"	6°32'54"	Derry	33	Lake	0-11500	Many	Browne (1989)
370	Wattstown	55°7'13"	6°39'6"	Derry	18	Peaty mud/clay	13000-14000	0	Hirons (1982)
100	Weir's Lough	54°29'36"	6°47'26"	Tyrone	75	Lake	0-14000	14	Hirons and Edwards (1986)
379	Whiterath Bog	53°55'37"	6°25'10"	Louth	10	Raised bog	1500-5000	3	Weir (1995)
237	Wicklow Mountains I	53°2'9"	6°26'7"	Wicklow	490	Blanket bog	1000-8000	0	Jessen (1949)
424	Wicklow Mountains II	53°1'49"	6°26'8"	Wicklow	670	Blanket bog	3500-5500	0	Jessen (1949)
368	Willsborough	55°3'13"	7°12'47"	Derry	5	Estuarine deposit	6000-7000	0	Mitchell (1951)
284	Wooddown Bog	53°32'7"	7°16'37"	Offaly	80	Raised bog	0-500	0	Connolly (1999)
462	Woodfield	53°22'31"	7°37'24"	Offaly	50	Raised bog	0-250	0	van der Molen (1988)
203	Woodgrange	54°19'42"	5°47'11"	Down	4.6	Fen/Estuarine Basin	0-11500	0	Singh and Smith (1973)
470	Woodstown	52°14'46"	7°12'1"	Waterford	7	Wetland	2000-6000	2	Farrell and Coxon (2004)

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