Survey of the Grassland Fungi of the Vice County of West Galway and the Aran Islands

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An Chomhairle Oidhreachta
The Heritage Council

Geoglossum cookeanum

Hygrocybe chlorophana

Hygrocybe insipida

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Background

Waxcaps (the genus *Hygrocybe*) have been described as the orchids of the fungi world (Marren, 1998). They are often startling in colour from reds, oranges and yellows to whites and browns. They can smell of honey or cedar wood or, less pleasantly, oily or nitrous. They are usually found in grasslands in Northern Europe although they can also be found in woods. They are one of the groups of grassland fungi that are now recognised as excellent indicators of unfertilised grassland or "waxcap grasslands" (Arnolds, 1980). "Waxcap grasslands" can be rich in other grassland fungi and usually include the *Entolomaceae* (pink spored gill fungi), the Clavarioids (fairy clubs), *Geoglossaceae* or earth tongues and species from the smaller genera of *Camarophyllopsis, Dermoloma* and *Porpoloma.* Photographs of most of the key species are available at www.nifg.org.uk.

Waxcap grassland can be found in a range of grassland types from dunes to uplands, from lowlands to gardens or churchyards. Indeed in much of Ireland, gardens and churchyards have now often become the last refuge of these species, isolated areas that have been spared the addition of fertilisers and which give us a glimpse on what our natural grasslands once would have looked like. Finding the occasional isolated field that has not received large amounts of artificial fertiliser is incredibly difficult. It is only in upland or coastal areas on marginal land that waxcap grasslands can be found with more regularity.

Many species are on national red lists across Europe, for example, The Netherlands has 32 species of waxcap on their Red List (http://www.mycologen.nl/rodelijst/RL_2008_lst.html), Sweden has 19 species (http://www.artdata.slu.se/english/redlist.asp), Czech Republic 30 species (http://www.wsl.ch/eccf/Czech07.pdf) and Switzerland 28 species (http://pilze.ch/roteliste/RListe_kurz.htm). *Hygrocybe calyptriformis* was on the list of fungal species proposed for inclusion onto the Berne Convention in 2003 (Dahlberg and Croneborg, 2003) but which did not progress for various political reasons nothing to do with the need to protect fungi. Grassland fungi provide 9 of the 15 fungal species in Northern Ireland's list of species of conservation concern. These are the waxcaps, *Hygrocybe calyptriformis, H.lacmus* and *H.ovina,* the earth tongues, *Geoglossum atropurpureum, Microglossum olivaceum* and *Trichoglossum walteri* along with *Clavaria zollingeri, Entoloma bloxamii* and *Porpoloma metapodium* (see *http://www.habitas.org.uk/priority/splist.asp?Type=Fungi*)

These species are sensitive to the application of artificial fertilisers and it is for this reason that they are such a good indicator of "natural" grasslands. It was estimated in Northern Ireland that the cumulative surplus of phosphorus in the soil was 500,000t (Bailey, 1994) meaning that most of the lowland rural Northern Ireland landscape is eutrophicated. There have been various attempts to discover how long it might take before sites may take to recover after intensive fertilization. Studies in England looking at the improvement in the soil fungal:bacterial biomass ratio due to the cessation of fertiliser application found no improvement after 6 years (Bardgett and McAlister, 1999). Three sites in the Netherlands that conservation had only up to three species of *Hygrocybe* after 20 years (Arnolds, 1994) but the lack of suitable surrounding habitat may have influenced this very slow recovery. Experimental plots also in the Netherlands showed that species of *Hygrocybe* could colonise the plots in a much shorter time period if they were low on phosphorus (Arnolds, 1994). Hence recovery is probably more related to the nutrient status of the soils rather than the age of the site with factors like suitable surrounding habitat also playing a role.

There is now greater interest in managing grasslands sustainably without high fertiliser input. Naturally sustainable grasslands have soils dominated by fungal pathways of decomposition rather than bacterial and a high microbial biomass (Bardgett and McAlister, 1999). Given their visual prominence in autumn, waxcaps are an indicator group for "natural" grasslands that offer a means of rapid site assessment. Their presence indicates a wider nature conservation

value beyond mycology. It was noticeable that when comparing waxcap distribution with the fields found to be most favoured by chough feeding on leatherjackets (Anon, 2004) that they were completely coincident.

Waxcap grasslands however are often not particularly good for higher plants which can mean that they are missed when designating sites for nature conservation. Statistical studies in Sweden have shown that there is a low congruence between the diversity of *Hygrocybe* spp. and higher plants (Öster, 2008) indicating that reliance on higher plants when protecting sites could well miss sites of high mycological value.

The great unknown however is just what these species are actually doing in the soil. One study (Griffith et al., 2002) points to some possible answers based on stable isotope analysis. Stable isotopes of Carbon (^{13}C) and Nitrogen (^{15}C) occur naturally and work looking at the patterns of ^{13}C and ^{15}C enrichment in ectomycorrhizal and saprophytic fungi have shown quite different enrichment patterns. Waxcaps, however, appear different to normal saprophytic fungi as they are more depleted in ^{13}C and more enriched in ^{15}N. Clavarioids and *Geoglossaceae* are even more extreme in this trend, but Entolomas are more typical of saprophytic fungi. This could mean that *Hygrocybe* spp., Clavarioids and *Geoglossaceae* could be deep humic decayers rather than normal surface litter decayers adapted to N poor conditions.

Assessing site quality from fungal data

The first recognition of grassland fungi in Ireland was a paper by (Feehan and McHugh, 1992) on the Curragh and since the early 1990s, interest has been growing in this group as it has been recognised that this unique community is seriously threatened across Europe.

Various systems have been proposed to rank sites for grassland sites for their fungal conservation value. (Rald, 1985) in Denmark proposed a system based on the number of species of *Hygrocybe*, (Nitare, 1988) looked at systems in Sweden, (Jordal, 1997) in Norway and the British Mycological Society instigated a survey giving the surveyed sites a CHEG score (*Clavariaceae, Hygrocybe, Entoloma* and *Geoglossaceae*) (Rotheroe et al., 1996). Rotheroe then proposed a system that included a weighted score for rarer species that are restricted to species rich sites (Rotheroe, 1999). This was further developed by McHugh et al (2002) when we proposed a weighted scoring system for Ireland. One of the main drivers for this was due the lack of mycological recording in Ireland, we wanted to highlight sites for further visits that had species thought to be rarer or more valuable indicator species. Weighting species is controversial as in reality the data is not available to weight them with confidence (Griffith et al., 2006; Griffith et al., In Press) but the point was to use this in conjunction with standard CHEG scores and highlight possible interesting sites (McHugh et al., 2001).

Most of the scoring systems above base their score on species and do not include varieties in the calculation (Rald, 1985), (Nitare, 1988), (Boertmann, 1995), (Vesterholt et al., 1999) and (McHugh et al., 2001). However, some surveys have counted varieties (Rotheroe, 1999) and (Newton et al., 2002) so it is very important to be clear about the basis of the system used when comparing data across regions. For this purpose, the definition of species used in all the Irish surveys follows the Checklist of the Basidiomycetes of the British Isles (Legon and Henrici, 2005) and Spooner's key for Geoglossaceae (Spooner, 1998) with three exceptions to remain consistent with the continental surveys.

- *Hygrocybe pratensis* var. *pallida* is the only variety included in the scoring following Vesterholt 1999
- *A*lthough the Checklist of the Basidiomycetes of the British Isles (Legon 2005) did list *Hygrocybe conicoides* as a species rather than *Hygrocybe conica* var. *conicoides*, Boertmann's book and his recent interpretation of *Hygrocybe* in Funga Nordica

(Knudsen and Vesterholt, 2008) both still list it as a variety so it is not counted separately in this study.

- *Hygrocybe marchii* is considered a synonym of *H.coccinea* following Funga Nordica.

Despite this, any good database can take these differing definitions into account and a Microsoft Access database is in use for scoring and ranking grassland sites in Ireland.

These site ranking systems primarily look at the genus *Hygrocybe* when ranking sites. Inevitably there will be sites that are particularly good for the other target groups and this is where the value of the CHEG scores is obvious. Some studies (Griffith et al., 2006) have added the different elements of a CHEG scores together but this has to be viewed with caution. *Entoloma* is a genus in which species are particularly difficult to identify and being honest even very good mycologists will often not get every *Entoloma* identified. Hence the *Entolomataceae* are not as well recorded and often only partially so an "E" score is often difficult to interpret. Added to this, there are many more species of *Entoloma* than in the other groups so adding CHEG scores together can just end up highlighting sites where mycologists who can identify *Entoloma* have visited.

Table 1 shows the total numbers of CHEG and related species as occurring in grasslands in the British Isles according to the Checklist of the Basidiomycetes of Britain and Ireland (Legon and Henrici, 2005) and (Ridge, 1997):

Group	Total Grassland Species
Clavariaceae	24
Hygrocybe	51
Entolomataceae	99
Geoglossaceae	12
Dermoloma	4
Camarophyllopsis	5
Porpoloma	1

Table 1: Numbers of grassland CHEG and related species occurring in the British Isles

Aims of this project

The main aim of this survey was to provide a baseline of information for the vice county of West Galway and the Aran Islands. The Aran Islands, although they are in the vice county of Clare (H9), were included as they are politically within Galway and initiatives like the production of biodiversity lists or action plans are focussed on modern political units. When West Galway is quoted from here on in this report, I am referring to the survey area and thus including the Aran Islands.

This project proposal was to locate and survey waxcap grasslands in as many different 10km squares as possible over a two week period between 23/10/10 and 07/11/10. From experience, the fortnight around the end of October and start of November is usually the best period for fruiting for grassland fungi in Ireland as this group always fruits later than woodland fungi. The target group of species were the Waxcaps (genus *Hygrocybe*), the non-woodland Fairy Clubs (*Clavariaceae*), the Pink gills (*Entolomaceae*), the earth tongues (*Geoglossaceae*) and the genera *Camarophyllopsis, Dermoloma* and *Porpoloma.* These species would be thoroughly searched for. Records would be made of other species but the maps generated may not necessarily be complete for these groups.

The data collected was to be compared with other Irish data as well as GB data to provide a British Isles context for the West Galway sites. This data and interpretation would also feed into the National Biodiversity Information Centre. All images collected during this survey are

available for unlimited usage for the Heritage Council or the National Biodiversity Information Centre.

In addition, all published records of fungi that included records for the whole of county Galway were entered into a database to be able to produce a biodiversity species list of fungi for the County Galway. Recommendations are also made on possible fungal Priority species for Galway.

The Vice County of West Galway and the Aran Islands

Vice counties were defined so that biological recording had fixed regional boundaries, independent of political changes, to allocate records to allowing comparisons of records over time. The boundary of the vice county of West Galway (H16) was first defined by Babbington in 1856 and refined by Praeger in 1896 (Webb 1980). The county of Galway is divided into three vice - counties – West, North East and South East. The Aran Islands, although politically in Galway, were put into the vice county of Clare due to their similar habitats. The boundary between West Galway and North East Galway is Lough Corrib and the River Corrib. Hence the city of Galway is split between the two vice counties. The only other difference between the vice county of West Galway and County Galway is around the south west corner of Lough Mask. A small corner of modern County Mayo around the villages of Finny and Killateeaun, the land north west of Lough Nafooey and the mountain of Buckaun is within the vice county of West Galway. This area was within County Galway prior to 1898 which the formation of consistent vice county boundaries were created exactly to counteract these sort of political changes.

History of mycological recording in Galway and the Aran Islands

Fungi are very poorly recorded in Galway. Including lichenicolous fungi (fungi parasitising lichens), the Fungus Records Database for the British Isles (http://www.fieldmycology.net/FRDBI/FRDBI.asp), the primary source of fungal records for the British Isles and which provides records to the National Biodiversity Data Centre, holds a mere 655 records of 400 different species for the whole county. Compare this to 1521 species recorded for Down, 1164 for Antrim, 1077 for Wicklow and 1032 for Fermanagh.

The records in the FRDBI for Galway can be summarised as follows:

Decade	No Records	Comment
Before 1900	46	Mainly by C. du Bois Labalerstier who was recording lichens and lichenicolous fungi
1900-1909	1	Anon
1910-1919	1	Anon
1920-1929	0	
1930-1939	4	Anon
1940-1949	9	Anon
1950-1959	23	Derek Reid (Kew), P, O'Connor and J.Webster
1960-1969	25	Various recorders
1970-1979	5	P.Curran
1980-1989	69	Mainly in one visit from Welsh mycologist, Maurice Rotheroe
1990-1999	382	A British Mycological Society foray and Roland McHugh
2000-2009	85	Scattered records by R.McHugh, D.Mitchel and R.Anderson

Table 2 – Records of non-lichenicolous fungi for County Galway in FRDBI on 01/01/2010

These records included the Aran Islands but there was only one record for Inishmore and 83 records of 71 species for Inishmaan (from the 1993 BMS foray).

The other source of historical records of fungi for Ireland comes from the various volumes of the Catalogue of Irish Fungi by Muskett and Malone published between 1976 and 1984. Most of the datasets from which the catalogue was derived are not digitised and interpretation is difficult due as the catalogues often use old names. Hence it was decided to digitise all the sources identified in these catalogues so a complete list of fungi recorded for County Galway could be produced which is hopefully useful for biodiversity strategies for the county.

Digitisation of published records

The Muskett and Malone catalogues do not give details of individual records but list all species recorded in Ireland along with a number relating to the published reference. In total, they list 21 references containing records that were made in County Galway. The sources are mainly in the Irish Naturalist's Journal, its predecessor, the Irish Naturalist, Proceedings of the Royal Irish Academy and Nova Hedwiggia. Such journals are not easy to access and under the auspices of this grant, I was granted access to the JSTOR Irish collection. JSTOR (www.jstor.org) offers free access to digital copies of academic papers for research purposes and in 2006, worked with Queen's University Belfast to digitise the complete back catalogue of 75 journals about the natural history and heritage of Ireland. These include the journals quoted above. I am deeply indebted to JSTOR for granting me access to the Irish Collection as it made the next stage of this project possible making these journals immediately accessible. I must also thank Natasha Serne of the RDS Library for forwarding a copy of P.O'Connor's paper "A Further Contribution to Knowledge of the Irish Fungi"held in the Proceedings of the Royal Dublin Society which was not available on JSTOR.

Out of the 21 papers listed in Muskett and Malone, there were 6 which I could not get access to but they appear to be largely papers relating to specific species. They were:

- Johnson, T. 1901 Prevention of "smut" (U. avenae) in oats. J.D.A.T.I. 2, 426.
- Johnson, T. 1902 Experiments in the Prevention of "smut** in oats. Econ.P.R.D.S. 1 (Part 3), 119.
- Johnson, T. 1907 Some injurious fungi found in Ireland. Econ.P.R.D.S. 1, 345.
- Pethybridge, G. H. 1927 Notes on Nectria rubi. T.B.M.S. 12, 20.
- Colhoun, J. 1948 Varietal resistance of flax to disease. A.A.B. 35, 582.
- MacGarvie, Q., D. and O'Rourke, G. J. 1969 New species of Spermsopora and Cercosporella affecting grasses and other hosts in Ireland. I.J.A.R. 8, 151.

Of the other papers (see Table 3), the most significant were the two O'Connor papers published in 1936 and 1949 in the Proceedings of the Royal Dublin Society. Patrick O'Connor was the Keeper of Natural History in the National Museum of Ireland between 1930 and 1954 and these two papers represent some of the largest mycological works in the middle part of the 20th century along with Professor Muskett's work in Northern Ireland. They include records for a wide range of species but concentrating on plant pathogens. The records are personal records of O'Connor's for the whole of Ireland but also include material sent to the National Museum during this period by a wide range of individuals.

Most biological recording databases are set up for rapid data entry of species lists found by the observer, i.e. one site multiple species. Published records however often tend to be presented the other way round with species listed one by one with the sites at which this species was found listed after the species, i.e. one species multiple sites. This means direct entry into most biological recording databases is tedious and time consuming. To solve this, I wrote a simple database that simplified this process. As shown in the screenshot below, the form allows for the selection of a species at the top and below this, a number of sites can be entered for that species. This is saved in a table that fits straight into the *Recorder 6* import wizard making the records compatible with the NBDC data handling system. As a new site is entered, the database remembers this and it is offered in dropdowns to speed up future data entry. In this

way 2357 records from a total of 18 references were digitised and migrated into *Recorder 6.* Data entry was not restricted to just those records within Galway but all records in that paper were digitised. This database speeded up data entry significantly but it remained a time consuming exercise although the use of these records now that they are digitised and available to the NBDC is much wider than for this project.

It should be noted that an error was discovered in Muskett and Malone Volume 5 (Muskett and Malone, 1980). A block of records from the publication "McWeeney, E. J. 1896 Fungi from Clonbrook excursion - Co. Galway. Irish Naturalist. 5, 234" were attributed to West Galway but were in fact from Clonbrook Estate near Ballinasloe and are from North East Galway. This has been corrected in the data entry.

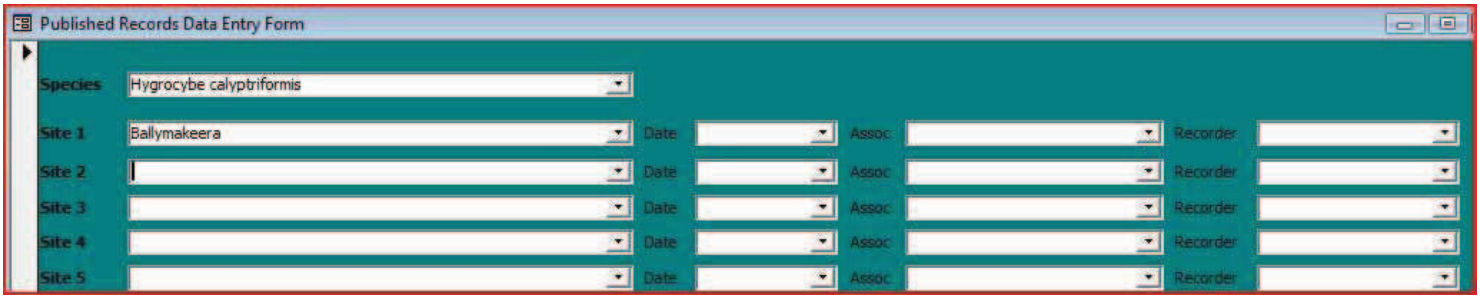


Fig 1: Published records data entry form

Authors	Reference	Year	Vol	Pages	Journal	NoRecs
Folan, A.C.M. & Mitchell, M.E.	The lichens, and lichen parasites of Derryclare Wood, Connemara.	1970	70	163-170	Proc.Roy.Ir.Acad.	19
Grove, W.B.	Records of Irish fungi.	1911	20	198	Ir.Nat.	5
Gunn, W.F.	Some Irish Mycetozoa.	1919	28	45-48	Ir.Nat.	38
Hegarty, B.M. & Curran, P.M.T.	Wood-inhabiting marine fungi new to Ireland.	1982	20	537-540	Ir.Nat.J.	3
McArdle, D	Dublin Microscopical Club Notes	1905	14	123	Ir.Nat.	1
McWeeney, E.J.	Irish Field Club Union. Report on the conference and excursion held at Galway July 11th to17th 1895	1895	4	238-240	Ir.Nat.	56
McWeeney, E.J.	Notes on the fauna and flora of Clonbrock, Co. Galway	1896	5	234	Ir.Nat.	33
Muskett, A.E.	A contribution to the known fungus flora of County Galway.	1943	8	60	Ir.Nat.J.	55
O'Connor, P.	Hypoderma laminaria at Killiney	1916	25	79	Ir.Nat.	1
O'Connor, P.	A Contribution to Knowledge of the Irish Fungi	1936	21	381-417	Proc.Roy.Dubl.Soc.	922
O'Connor, P.	A Further Contribution to Knowledge of the Irish Fungi	1949	25	33-53	Proc.Roy.Dubl.Soc.	1087
Palmer, J.T.	Additions to the Sclerotiniaceae of Ireland investigations into the Sclerotiniaceae	1985	16	252-265	Ir.Nat.J.	82
Pethybridge, G.H.	Septoria petroselini var. apii on celery seeds	1914	23	48	Ir.Nat.	1
Pethybridge, G.H.	Sphacelotheca hydropiperi on Redshanks	1916	25	28	Ir.Nat.	1
Reid, D.A.	Fungi from the Galway Bay area.	1953	11	64-65	Ir.Nat.J.	24
Scannell, M.J.P.	Puccinia tanaceti DC. in Ireland.	1973	17	319	Ir.Nat.J.	2
Scannell, M.J.P.	A contribution to the fungus flora of west Galway (H16).	1979	19	395-397	Ir.Nat.J.	24
Scannell, M.J.P.	Melanotaenium endogenum (Unger) De Bary (Ustilaginales)	1986	22	121-122	Ir.Nat.J.	3

Table 3: References digitised as part of compiling historical records for County Galway

Taking these new records into account, this brought the list of known species of fungi for County Galway up to 607 prior to this survey. The species are presented in Appendix 3 which includes all new species recorded in this survey as well so to form an up to date biodiversity list of fungi for Galway. This list (also supplied as an Excel file) notes if the species is found in the vice counties of West Galway, North East Galway, South East Galway or the Aran Islands along with the source of the most record for this species.

Methodology

Mycologists and local conservation rangers were contacted before the survey asking if they knew of any good or possible sites for survey. Thanks must go to Roland McHugh of Dublin Institute of Technology for ideas and providing additional species lists.

The 1:50,000 OSi maps were studied as were aerial photographs available on Google Earth and (even better) the OSi SmartMaps Viewer available at http://shop.osi.ie/shop/. As with the West Donegal Survey (Mitchel, 2009), another key dataset examined in advance was the Environmental Protection Agency's National Soils database (https://maps.epa.ie). Earlier analysis of the waxcap surveys funded by the Heritage Council against soil type identified the soil types more likely to support waxcaps (Table 4).

IFS SOIL type	Description	No Records
AminSRPT	Podzols – Peaty	423
AminDW	Acid Brown Earths – Brown Podzolics	131
BminSW	Renzinas / Lithosols Basic	128
AminSW	Lithosols / Regosols Acidic	103
MarSands	Beach sands and gravels	86
AminPD	Surface Water Gleys, ground water Gleys, Acidic	85
Made	Man made soils	43
AeoUND	Aeolian undifferentiated	41
AminPDPT	Peaty gleys, acidic	24
BktPt	Blanket peat	23
BminDW	Grey Brown Podzolic Brown Earths, Basic	15
AminSP	Shallow Surface or Ground water Gleys Acidic	14
BminPD	Surface Water Gleys, ground water Gleys, Basic	6
BminSP	Shallow Surface or Ground water Gleys Basic	4
AlluvMIN	Mineral Alluvium	4

Table 4: National Soil Database soil categories and number of grassland fungi records from the Co.Clare (2006), West Cork (2007) and West Mayo (2008) surveys

From this, the preference for better drained mineral soils compared to the wetter gleys or blanket peats is marked. National soil datasets are however relatively broad scale and do take the local complexities of soils into account and this is the scale at which fungal mycelia operate. However, with the limitations in mind and if taken at a broad scale, such maps can help target possible new sites and the identification of possible sites using the soils map helped significantly in finding new sites as I was able to target areas of interest and ignore some wide areas of countryside. In such a time limited rapid survey, this ability is significant.

Other useful datasets used were Geology available from the GSI website and the Gardens dataset of the National Inventory of Architectural Heritage (http://www.buildingsofireland.ie). The latter dataset was also digitised allowing them to be plotted in GIS for identifying possible large estate lawns and included them in site search planning.

Using all these datasets, the most likely sites within each 10km square were identified and driving routes for each survey day were planned in advance. Each site was visited for as long as was necessary. Whilst the target groups were searched for as priority, all species of fungi encountered were recorded. However many of these latter records were of a casual nature and many of the species maps produced for these species are very unrepresentative as they were only recorded if seen and were often not searched for.

When notable species were found, specimens were taken for microscopical examination. Herbarium specimens were dried on a continental fruit drier and are being passed to the National Botanic Gardens in Glasnevin as well as the Royal Botanic Gardens in Kew. The target species are listed in the Species Reports.

The literature used to identify the grassland target groups were as follows:

- Bas et al (1990) Flora Agaracina Neerlandica Vol. 2. Leiden. (Used for *Camaropyllopsis*)
- Boertmann, D. (1995).*The Genus Hygrocybe* (Fungi of Northern Europe – I). Danish Mycological Society.
- Henrici, A. (1997) *Keys to British Clavariaceae*. Privately circulated.
- Noordeloos, M.E. (1992) *Entoloma, s.l.* (Fungi Europaei 5 and 5a). Saronno: Libreria editrice Giovanna Biella.
- Spooner, B. (1998).) *Keys to the British Geoglossaceae (draft).* Privately circulated.
- Vesterholt, J. (2002) Contribution to the knowledge of species of *Entoloma* subgenus *Leptonia*. Edizioni Candusso
- Watling, R. & Turnbull, E. (1998) 8. *Cantharellaceae, Gomphaceae and Amyloid and Xeruloid members of the Tricholomataceae: British Fungus Flora Vol.8.* Royal Botanic Gardens, Edinburgh (Used for *Dermoloma* and *Porpoloma*)

Results

Weather and Fungal Fruiting

The fruiting of fungi is particularly affected by weather. Fruiting is often best after warm summers which are followed by a damp autumn. Generalising, during the warm summer, the underground mycelia extend and then during the damp autumn, fruiting occurs and uses up a considerable amount of moisture. However, if there is too much rain and the top soil layers become waterlogged, the anaerobic conditions hinder the production of fruiting bodies (Rotheroe 1999). Containing so much moisture, fungi can be hit badly by frosts but on the other hand, early frosts in October and early November seem to quickly initiate a new batch of fruiting of waxcaps as long as the frosts do not continue for a long period of time. Although some species of waxcaps can fruit in July (even as early as May), the main flush is usually in late October and early November. In coastal areas in Ireland, the fruiting period can continue through December even into January due to the infrequency of frosts.

Met Éireann provide summary weather statistics for various parts of the country. Unfortunately there are no core Met Éireann weather stations in Galway with the nearest being Belmullet in Mayo. The following statistics are indicative for Galway (see http://www.met.ie/climate/monthly-data.asp?Num=1034) and were noted on November 19 (hence the November figures for 2010 are for a part month).

Total Rainfall in millimetres for Belmullet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2010	108.6	81.1	57.9	53.1	41.8	35.7	138.6	72.5	148.6	80.8	155.0		937.7
2009	142.6	43.6	92.9	105.3	90.8	49.0	109.5	193.0	50.7	99.4	221.6	127.9	1326.3
mean	123.7	80.4	96.3	56.9	67.9	67.2	67.5	93.5	108.6	133.8	127.4	119.3	1142.5

Mean Temperature in degrees Celsius for Belmullet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2010	4.2	4.1	6.6	9.5	10.8	14.4	14.8	14.2	14.2	11.5	8.8		10.4
2009	5.9	6.8	8.5	9.8	11.1	14.4	15.1	14.7	13.7	12.2	8.5	5.0	10.5
mean	5.6	5.6	6.8	8.2	10.3	12.6	14.0	14.1	12.8	10.8	7.7	6.6	9.6

Translating the weather statistics for Belmullet to West Galway is not ideal. Much of West Galway is mountainous and contains some of the wettest areas in Ireland with average rainfall figures of over 2800mm (http://www.galway.net/about/weather/). These figures are significantly higher than other areas I have surveyed for waxcaps in Northern Ireland or Wales and means that the key attribute I was looking for in sites was good drainage. Driving back through Wales emphasised the greater amount of potential waxcap sites due to better drained soils.

In terms of waxcap fruiting, one important measurement not readily available is number of frost days. The first night we were in Galway, there was a heavy frost but this was the only one. As fungi are largely water, frosts can destroy the fruiting bodies but luckily this was not a factor in this survey.

2010 was noted in western Ireland by alternating weather. May and June were good, July was wet, August dryish, September wet and October dryish. Frosts were yet to play a significant role. With plenty of moisture, many mycologists were noting that 2010 was an excellent year for fungi, the best for many years (Kibby, 2010). In Wales where I live, waxcaps were fruiting in good numbers from August and this was probably true for West Galway as well. Late October however is always the time for peak diversity. The best time for woodland fungi is usually earlier in the year with September often being the peak and some of the larger boletes often fruit earlier than this. There can be a risk in a survey like this where survey dates have to be chosen in advance that the peak fruiting time may be missed. This could have been the case in the Clare survey but did not appear to have been the case here as the next section shows.

The weather during the two week survey period was very mixed. Seven of the fourteen survey days were very wet with often continual rain. Three days were bright and sunny and four were OK. Very wet weather can lead to anaerobic conditions in the upper soil layers and fruiting bodies can get damaged. Such weather also makes surveying difficult with sites with harder access being difficult to get to or less time is spent on site. However fungi are dependant on moisture and as the next section shows, fruiting and diversity was good and not constrained by the weather.

Public Involvement

The involvement of the public is very important to all aspects of nature conservation from raising awareness to encouraging involvement in biological recording to discussions on land management. Since these surveys have started, I have been giving a steady stream of advice on fungal issues to individuals contacting me about fungi they have found. I was approached by the Roscahill Environmental Network (http://roscahillenvironmentalnetwork.org/) to run a foray for this community group in West Galway. This was organised for Sunday October 24th at Ross Lake House Hotel near Roscahill. 72 people turned up which was the largest foray I have ever led. With the site being a good mixture of estate lawn and woodland, enough fungi were found for a very enjoyable foray and I can only hope that it inspires children and adults alike to learn more about this wonderful subject.

Arising out of this survey, I have also been asked to write an article for the Inishbofin News which I will be doing shortly after finishing this report.

Public Foray for Roscahill Environmental Network

Summary Results

There are 39 x 10km squares in West Galway and the Aran Islands although some of these have very small amounts of lands within them. 54 sites in 34 x 10km squares were visited and a distance of 986 miles was covered within the survey area in the process. Many of these sites were small churchyards but others were large and took most of the day to survey. Due to time restrictions as I was trying to cover as large an area as possible, sites were not visited that involved long walk ins or if it was difficult to organise permissions onto the land. The list of all species found on the survey is shown in Appendix 2.

The headlines from this survey are:

- 3 very good sites found – Inishshark, Inishbofin and Foher on Killary Harbour
- A wide range of good sites found with a total of 16 sites with more than 10 species of waxcap
- Five sites with 15 or more waxcaps found, more than any other survey
- One waxcap, *Hygrocybe spadicea*, new to Ireland – found on Inishbofin
- Five other species found new to Ireland with one possibly new to the British Isles
- More species were found on this survey than on the other waxcap surveys

Survey	Clare 2006	West Cork 2007	West Mayo 2008	West Donegal 2009	West Galway 2010
Hygrocybe species	23	29	25	30	29
Clavariaceae species	10	10	8	11	8
Entoloma species	12	20	7	15	10
Geoglossaceae species	5	3	8	6	7
Hygrocybe Records	228	354	329	369	317
Clavariaceae Records	27	66	30	60	37
Entoloma Records	18	92	25	59	34
Geoglossaceae Records	24	11	57	58	41
Number Target Species Records	304	524	411	546	430
Number Records	557	959	774	943	862
Number Species	157	206	177	191	224
Sites H10-14	6	6	6	16	11
Sites H15+	1	3	3	2	5

Table 5 – Irish Waxcap Surveys compared

Notable Finds

New Irish Records

There are no published records or records for Ireland in the Fungus Records Database for the British Isles (FRDBI) hosted by the British Mycological Society or the National Biodiversity Data Centre for the following species:

Hygrocybe spadicea (Scop.) P. Karst.

Hygrocybe spadicea is a UK BAP species and is one of the rarer waxcaps. It is marked by the dark brown cap contrasting with the bright yellow gills and yellow stipe with brown fibres. Found in the West Quarter on Inishbofin at L515652 on 31/10/10. It is thought that it prefers drier sites but while the south west facing slopes of West Quarter (see site photos) are steep with thin soils on gneisses and shists, this specimen was found on the flat green road that the wettest spot in the area. Whether of course the mycelia were predominantly on the green road or the drier slopes is not known.

Amanita battarrae (Boud.) Bon

This is a woodland species and was found at Ashford Castle at M147545 under a five needled pine on 27/10/10. *Amanita battarrae* is noted by the two tone colouration of its cap, the lack of a ring on the stem and the grey colouration of the outer zone. It is similar to *Amanita vaginata* but this has a unicoloured cap. There is considerable debate about whether this species should be synonomised with *A.umbrinolutea.* The Checklist of the British and Irish Basidiomycota (Legon and Henrici, 2005) lumps them but Neville and Poumarat does not. Following the debate on mushroomobserver.org, this indicates that the difference is the colour of the outer zone with *A.battarrae* having a grey outer zone and *A.umbrinolutea* having a brown outer zone (http://mushroomobserver.org/name/show_name?_js=on&_new=true&id=14973). I made one record of what I called *A.umbrinolutea* on 30/09/2001 at Binevenagh Forest in County L'Derry but that had a distinct brown outer zone. This record is clearly *A.battarrae.*

Entoloma** cf **resutum** / **plebeioides

I think this species is *Entoloma resutum* which would be a first record for the British Isles. *E.plebeioides* is also very rare having been only recorded three times in Great Britain. It is in the section *Inocephalus* with the tomentose to fibrillose cap that is convex to applanate with small umbo. The cap is dry, non-striate and not hygrophanous. The stipe is fibrillose dark brown with silvery fibres. The gills are dark grey brown with paler gill edge. Pileipellis (cells in the cap) are a cutis with inflated cells up to 23um wide and with brown intracellular pigment. Clamps are present. Spores are 7.5 - 10.5 x 6 - 8 with a Q value of 1.14 to 1.38 and 5-7 angled.

This identification requires confirmation and this is being organised.

Inocybe grammata Quél. & Le Bret**.**

Found at Kylemore Abbey at L746585 on 01/11/10. A much better image of this species can be viewed at http://www.svims.ca/council/illust/Inocybe%20grammata%201%20Michael%20Beug.htm. This species is noted by its pale brown cap with white umbo and pinkish tinges to its cap and stem. The stem has a bulbous stipe and the spores are lumpy rather than nodulose.

Lactarius salmonicolor R. Heim & Leclair

This large milkcap with carrot milk is the only such milk cap found under firs (*Abies* spp). It is very similar to *Lactarius deliciosus* but this is found under pines but was also distinguished by

its more viscid uniformly coloured cap which gave an immediate impression of being different to *L.deliciosus.* This is rarely recorded in the UK only known from 11 sites (FRDBI 21/11/10). Found at two sites on this survey – Ashford Castle at M146545 on 27/10/10 where it was common and Ballynahinch Castle at L763471 on 02/11/10. Both are large estates with formal gardens and all sorts of exotic trees. The associated fir trees were both different but were not identified to species level.

Psilocybe cyanescens Wakef.

This was found on woodchips in a flowerbed at Ballynahinch Castle at L763471 on 02/11/10. It is noted by its viscid cap with a bluing stipe and dark brown black spore print. It is hallucinogenic like the "magic mushroom", *Psilocybe semilanceata* and is a species that is spreading quickly in the British Isles possibly due to imported wood chips. For a photo, see http://www.mycokey.com/MycoKeySolidState/species/Psilocybe_cyanescens.html

Other Notable Records – Target Species

Hygrocybe calciphila Arnolds

This red dry and scaly capped waxcap is rarely recorded but is now being found reasonably regularly in sand dune sites in Ireland. Found on 28/10/2010 on Omey Island at L568563 and on 05/11/2010 at Renvyle Beach at L683638.

Hygrocybe calyptriformis (Berk. & Broome) Fayod

The pink waxcap that is unmistakeable. Found in quantities I have never seen before on Inishshark (30/10/2010). Also found at Ashford Castle on 27/10/2010 (M148545), Inishbofin on 31/10/2010 (L532651) and Cashel Hill on 28/10/2010 (L804428).

Hygrocybe citrinovirens (Lange) Jul. Schäff.

This large lemon yellow waxcap is often found fruiting earlier in the season hence is often missed and possibly more common than records suggest. Found at Clifden Church of Ireland on 28/10/2010 at L656506 and Foher on Killary Harbour on 05/11/2010 at L787639.

Hygrocybe nitrata (Pers.) Wünsche

With a strong nitrous smell, this rarer waxcap was found on 6 occasions which is notable in itself. Found at Dun Aonghasa on Inis Mór on 25/10/2010 at L822101, Benleavy on 27/10/2010 at M069539, Inishbofin on 31/10/2010 at L509655, Inis Meáin on 03/11/2010 at L941064, the track to Lough Nadirkmore on 04/11/2010 at M021638 and Cummer on 04/11/2010 at M002601.

Hygrocybe vitellina (Fr.) P. Karst.

This was the first time this species was found in this series of waxcap surveys. Noted by its small stature, umbilicate cap and viscid edge to the gill. Found at Foher on Killary Harbour on 05/11/2010 at L787639.

Camarophyllopsis schulzeri (Bres.) Herink

This species often resembles an *Hygrocybe* species but the spores are much smaller amongst other differences. This is the first for the Republic of Ireland although there are four records for Northern Ireland. Found on the slopes of Benleavy on 27/10/2010 at M069539. For a photo, see http://www.stridvall.se/fungi/gallery/Camarophyllopsis/F30A0977.

Entoloma bloxamii (Berk.) Sacc.

A large chunky blue *Entoloma* which is one of Northern Ireland's Priority Species. Found on Inis Mór on the Aran Islands at Dun Dúchathair on 25/10/2010 at L867094, Inishshark on 30/10/2010 at L812637 and Cummer on 04/11/2010 at M002601.

Geoglossum atropurpureum (Batsch) Pers.

One of Northern Ireland's Priority Species. A difficult to species to pick out in the field although it sometimes has a purplish tinge. Noted under the microscope by non-septate spores 18-33µm long and with brown amorphous matter giving a very different look under the microscope to most earth tongue squashes. Which genus this species is in has always given difficulty with it often been placed in *Thuemenidium.* Recent DNA work suggests that this species is more related to *Microglossum* with more work needed to confirm this (Ohenoja et al., 2010). Retained here as *Geoglossum atropurpureum* to remain consistent with priority species lists. Found at Benleavy on 27/10/2010 at M069539 and Currarevagh on 04/11/2010 at L943593.

Ramariopsis kunzei (Fr.) Corner

A white coralloid Fairy Club with numerous branching stems. Smells of flour especially at the base. With small spores with spines. Found at in the West Quarter on Inishbofin on 31/10/10 at L511654.

Ramariopsis kunzei

Trichoglossum walteri (Berk.) E.J. Durand

One of Northern Ireland's Priority Species. A black earth tongue. Earth tongues are almost impossible to identify in the field and must be microscopically checked. Trichoglossums can however sometimes be recognised as with a hand lens, the black setae stick out like small needles on the stem. *T.walteri* is distinguished by the much more common *T.hirsutum* by spores that are 7 septate instead of 15 septate. Found at Dooyeher on 26/10/2010 at L747337. For a photo, see http://www.flickr.com/photos/21189203@N05/2081615731/.

Other Notable Records – non-Target Species

Arrhenia acerosa (Fr.) Kühner

A species with a non-central stipe, well developed gills (compared to others in the genus) and often found associated with mosses. There is debate whether this is different to *A.latispora* which I found on Clare Island. The British Fungus Flora Vol 6 (Watling and Gregory, 1989) and CBIB (Legon and Henrici, 2005) regard them as distinct species based on spore dimensions whilst other works, e.g. Funga Nordica (Knudsen and Vesterholt, 2008) view them as synonyms.

Coprinopsis romagnesiana (Singer) Redhead, Vilgalys & Moncalvo

This species is very similar to the Common Inkcap, *Coprinopsis atramentaria,* but is distinguished by the persistent orange brown scales on the cap. Found on Inishbofin at Duchar beach (L556649) on 31/10/10. There are only two other records from Ireland.

Coprinopsis romagnesiana

Cortinarius cinnamomeus (L.) Fr.

There is much debate about what species of *Cortinarius* in the section *Dermocybe* is found in grasslands with no obvious tree or known ectomycorrhizal partner. *C.pratensis* is known to be found in grasslands but its spores are larger (Høiland, 1983). Harrington and Mitchell found *C.cinnamomeus* associated with *Carex* on the Burren (Harrington and Mitchell, 2002) but the species I often find is more similar to *C.croceus* (see below). One key difference between *C.cinnamomeus* and *C.croceus* is the colour of the gills when young and as the photographs below show of this grassland *Cortinarius,* the gills are yellow. *C.cinnamomeus* was found in this survey at Ballynahinch Church under *Picea* on 02/11/2010 at L752487 with very orange gills. This section of *Cortinarius* needs revision (Peitner, pers.comm) and there could be another species in this area or possibly some are even synonyms of each other and specimens need to be kept with descriptions.

Cortinarius croceus Fr.

See above. Found at Ashford Castle on 27/10/2010 at M148545.

Cortinarius croceus

Cystoderma granulosum (Batsch) Fayod

Placed in *Cystodermella* by some authors (Knudsen and Vesterholt, 2008), this is different to the very common *C.amianthinum* by its non-amyloid spores and dark tawny brown cap. Found at Tallaghnamuinga on 29/10/2010 at L841557. There are scattered records for this species in Ireland.

Lacrymaria pyrotricha (Holmsk.) Konrad & Maubl.

This is a striking species. With a bright orange, fibrous cap, it has a dark brown spore print and verrucose spores. There are scattered records for this species in Ireland. Found at Kylemore Abbey in the walled garden on 01/11/2010.

Lactarius serifluus (DC.) Fr.

Not a rare Milkcap but less commonly recorded. It has a dark brown dry cap and mild watery milk. Noted here as found three times at Ross Lake House Hotel on 24/10/2010 at M148387, Kylemore Abbey on 01/11/2010 at L752585 and Ballynahinch Castle on 02/11/2010 at L763471.

Lepiota pseudolilacea Huijsman

A very interesting record. This species is normally found in woodland. A *Lepiota* with brown granules on its ring, ellipsoid spores and a cap cell structure with a mixture of long flexuous hyphae and short clavata cells, it is also very poisonous. There are only two records of this species from Ireland. Both records were from woodland and were from Mid Cork and Wicklow in 1989. This record was from coastal heath on top of the seacliffs on Inishshark on 30/10/2010 at L478639. Funga Nordica notes that it is also found in arctic alpine heathland (Knudsen and Vesterholt, 2008) and this would be the first record in the British Isles of this species from this habitat.

Lepiota pseudolilacea

Melanoleuca friesii (Bres.) Bon

This species is listed in CBIB and the British Fungus Flora as *M.albifolia* but the name *M.friesii* is used in Funga Nordica and found on the West Donegal survey in 2009. Found at Dun Aonghasa on Inis Mór on 25/10/2010 at L822101.

Schizophyllum commune (L.) Fr.

Found on silage bales bursting through the plastic on Inishbofin on 31/10/10 at L540651, this species can damage the silage in the bale creating an unpalatable mat. Research in UCD has provided advice to farmers on how to avoid this problem.

Stropharia albonitens (Fr.) P. Karst.

Found for the first time in Ireland in the West Donegal survey, this was refound at Letterettrin on Killary Harbour on 29/10/2010 at L805626. A very striking fungus being pure white and viscid with its ring appearing black from fallen spores.

New Vice County Records

138 species are new to the Vice County of West Galway (H16) and 125 of these are new to County Galway which is a high proportion of the 224 species recorded. When such common species as *Coprinus comatus, Clavulina rugosa, Inocybe geophylla* var. *geophylla, Lactarius subdulcis or Russula delica* are being added to a vice county list, it is obvious how badly recorded the area is. These are shown below.

Species	Authority	Group	New to West Galway only
Agaricus urinascens	(F.H. Møller & Jul. Schäff.) Singer	Boletes and Agarics	
Aleuria aurantia	Peck	Ascomycetes	
Amanita battarrae	(Boud.) Bon	Boletes and Agarics	
Amanita muscaria	(L.) Pers.	Boletes and Agarics	
Armillaria gallica	Merxm. & Romagn.	Boletes and Agarics	
Arrhenia acerosa	(Fr.) Kühner	Boletes and Agarics	
Ascobolus carbonarius	P. Karst.	Ascomycetes	Yes
Bovista nigrescens	Pers.	Gasteroid Fungi	
Calocybe carnea	(Bull.) Donk	Boletes and Agarics	
Camarophyllopsis schulzeri	(Bres.) Herink	Boletes and Agarics	
Chalciporus piperatus	(Bull.) Bataille	Boletes and Agarics	
Clavaria fumosa	Fr.	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Clavulina rugosa	(Bull.) J. Schröt.	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Clavulinopsis fusiformis	(Sowerby) Corner	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Clavulinopsis luteoalba	(Rea) Corner	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Clitocybe dealbata	Sowerby	Boletes and Agarics	
Clitocybe geotropa	(Bull.) Fr.	Boletes and Agarics	
Clitocybe nebularis	(Batsch) Quél.	Boletes and Agarics	
Coprinopsis atramentaria	(Bull.) Fr.	Boletes and Agarics	
Coprinopsis romagnesiana	(Singer) Redhead, Vilgalys & Moncalvo	Boletes and Agarics	
Coprinus comatus	(O.F. Müll.) Gray	Boletes and Agarics	
Cortinarius cinnamomeus	(L.) Fr.	Boletes and Agarics	
Cortinarius largus	Fr.	Boletes and Agarics	
Cortinarius mucifluus	Fr.	Boletes and Agarics	
Cystoderma granulosum	(Batsch) Fayod	Boletes and Agarics	
Dermoloma cuneifolium var. cuneifolium	(Fr.) Bon	Boletes and Agarics	
Diaporthe samaricola	W. Phillips & Plowr.	Ascomycetes	
Entoloma bloxamii	(Berk.) Sacc.	Boletes and Agarics	
Entoloma conferendum	(Britzelm.) Noordel.	Boletes and Agarics	
Entoloma infula	(Arnolds & Noordel.) Noordel.	Boletes and Agarics	
Entoloma jubatum	Fr.	Boletes and Agarics	
Entoloma poliopus var. discolor	Noordel.	Boletes and Agarics	
Entoloma poliopus var. poliopus	(Romagn.) Noordel.	Boletes and Agarics	

Species	Authority	Group	New to West Galway only
Entoloma prunuloides	(Fr.) Quél.	Boletes and Agarics	
Entoloma rhodopolium	(Fr.) P. Kumm.	Boletes and Agarics	
Entoloma sericeum	(Bull.) Fr.	Boletes and Agarics	
Entoloma serrulatum	(Fr.) Hesler	Boletes and Agarics	
Flammulina velutipes	(Curtis) Singer	Boletes and Agarics	
Galerina marginata	(Batsch) Kühner	Boletes and Agarics	
Galerina vittiformis	(Fr.) Singer	Boletes and Agarics	
Ganoderma australe	(Fr.) Pat.	Aphyllophoroid Fungi - Brackets Chanterelles etc	Yes
Geoglossum atropurpureum	(Batsch) Pers.	Ascomycetes	
Geoglossum fallax	E.J. Durand	Ascomycetes	
Geoglossum glutinosum	Pers.	Ascomycetes	
Geoglossum umbratile	Sacc.	Ascomycetes	
Hebeloma crustuliniforme	(Bull.) Quél.	Boletes and Agarics	
Hebeloma mesophaeum	(Fr.) Fr.	Boletes and Agarics	
Hebeloma sinapizans	(Fr.) Sacc.	Boletes and Agarics	
Hebeloma velutipes	Bruchet	Boletes and Agarics	
Helvella atra	J. König	Ascomycetes	
Helvella crispa	(Scop.) Fr.	Ascomycetes	
Hygrocybe aurantiosplendens	R. Haller Aar.	Boletes and Agarics	
Hygrocybe calciphila	Arnolds	Boletes and Agarics	
Hygrocybe calyptriformis	(Berk. & Broome) Fayod	Boletes and Agarics	
Hygrocybe citrinovirens	(Lange) Jul. Schäff.	Boletes and Agarics	
Hygrocybe coccinea	(Schaeff.) P. Kumm.	Boletes and Agarics	
Hygrocybe flavipes	(Britzelm.) Arnolds	Boletes and Agarics	
Hygrocybe fornicata	(Fr.) Singer	Boletes and Agarics	
Hygrocybe glutinipes var. glutinipes	(J.E. Lange) R. Haller Aar.	Boletes and Agarics	
Hygrocybe laeta var. laeta	(Pers.) P. Kumm.	Boletes and Agarics	
Hygrocybe mucronella	(Fr.) P. Karst.	Boletes and Agarics	
Hygrocybe nitrata	(Pers.) Wünsche	Boletes and Agarics	
Hygrocybe punicea	(Fr.) P. Kumm.	Boletes and Agarics	
Hygrocybe quieta	(Kühner) Singer	Boletes and Agarics	
Hygrocybe reidii	Kühner	Boletes and Agarics	
Hygrocybe spadicea	(Scop.) P. Karst.	Boletes and Agarics	
Hygrocybe splendidissima	(P.D. Orton) P.D. Orton & Watling	Boletes and Agarics	
Hygrocybe vitellina	(Fr.) P. Karst.	Boletes and Agarics	
Hygrophoropsis aurantiaca	(Wulfen) Maire	Boletes and Agarics	

Species	Authority	Group	New to West Galway only
Hypholoma elongatum	(Pers.) Ricken	Boletes and Agarics	
Hypoxylon fuscum	(Pers.) Fr.	Ascomycetes	Yes
Inocybe geophylla var. geophylla	(Fr.) P. Kumm.	Boletes and Agarics	
Inocybe geophylla var. lilacina	Gillet	Boletes and Agarics	
Inocybe grammata	Quél. & Le Bret.	Boletes and Agarics	
Inocybe mixtilis	(Britzelm.) Sacc.	Boletes and Agarics	
Inocybe praetervisa	Quél.	Boletes and Agarics	
Inocybe rimosa	(Bull.) P. Kumm.	Boletes and Agarics	
Lacrymaria lacrymabunda	(Bull.) Pat.	Boletes and Agarics	Yes
Lacrymaria pyrotricha	(Holmsk.) Konrad & Maubl.	Boletes and Agarics	
Lactarius deterrimus	Gröger	Boletes and Agarics	
Lactarius fluens	Boud.	Boletes and Agarics	
Lactarius lacunarum	Romagn. ex Hora	Boletes and Agarics	
Lactarius mitissimus	Fr.	Boletes and Agarics	
Lactarius pubescens	Fr.	Boletes and Agarics	
Lactarius pyrogalus	(Bull.) Fr.	Boletes and Agarics	
Lactarius quietus	(Fr.) Fr.	Boletes and Agarics	
Lactarius salmonicolor	R. Heim & Leclair	Boletes and Agarics	
Lactarius serifluus	(DC.) Fr.	Boletes and Agarics	
Lactarius subdulcis	(Bull.) Fr.	Boletes and Agarics	
Lactarius torminosus	(Schaeff.) Pers.	Boletes and Agarics	
Leccinum scabrum var. scabrum	(Bull.) Gray	Boletes and Agarics	
Leotia lubrica	(Scop.) Pers.	Ascomycetes	
Lepiota pseudolilacea	Huijsman	Boletes and Agarics	
Lepista nuda	(Bull.) Cooke	Boletes and Agarics	
Lepista panaeola	(Fr.) P. Karst.	Boletes and Agarics	
Lepista sordida	(Fr.) Singer	Boletes and Agarics	
Leptosphaeria acuta	(Moug. & Nestl.) P. Karst.	Ascomycetes	
Leucopaxillus giganteus	(Sowerby) Singer	Boletes and Agarics	
Lycoperdon lividum	Pers.	Gasteroid Fungi	
Lycoperdon nigrescens	Wahlenb.	Gasteroid Fungi	Yes
Lyophyllum decastes	(Fr.) Singer	Boletes and Agarics	
Macrolepiota procera	(Scop.) Singer	Boletes and Agarics	
Marasmius oreades	(Bolton) Fr.	Boletes and Agarics	
Melampsoridium betulinum	(Pers.) Kleb.	Rusts	
Melanoleuca friesii	(Bres.) Bon	Boletes and Agarics	
Melanoleuca polioleuca f. polioleuca	(Fr.) Kühner & Maire	Boletes and Agarics	

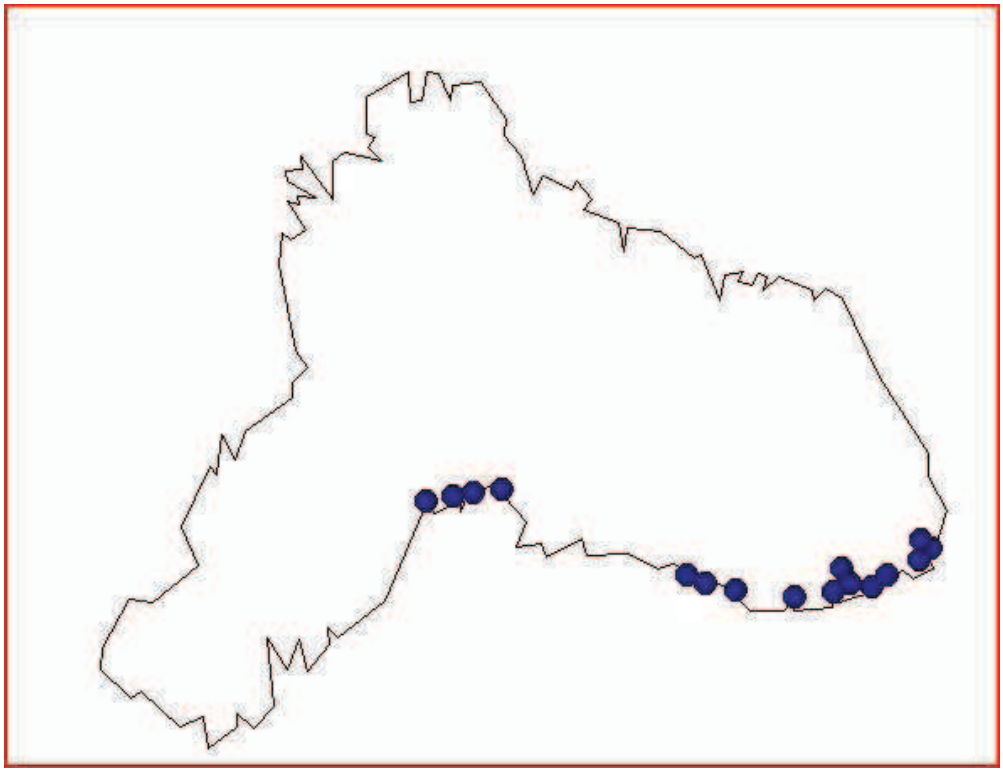
Species	Authority	Group	New to West Galway only
Mycena adonis var. adonis	(Bull.) Fr.	Boletes and Agarics	
Mycena flavoalba	(Fr.) Quél.	Boletes and Agarics	
Mycena galericulata	(Scop.) Schaeff.	Boletes and Agarics	
Panaeolina foenisecii	(Pers.) Maire	Boletes and Agarics	Yes
Panaeolus acuminatus	(Schaeff.) Gillet	Boletes and Agarics	Yes
Peniophora incarnata	(Pers.) P. Karst.	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Peronospora alta	Fuckel	WG	Yes
Pluteus cervinus	P. Kumm.	Boletes and Agarics	Yes
Pseudohydnum gelatinosum	(Scop.) P. Karst.	Jellies	
Psilocybe cyanescens	Wakef.	Boletes and Agarics	
Puccinia distincta	McAlpine	Rusts	
Puccinia lagenophorae	Cooke	Rusts	Yes
Ramariopsis kunzei	(Fr.) Corner	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Rhopographus filicinus	(Fr.) Nitschke ex Fuckel	Ascomycetes	
Rickenella fibula	(Bull.) Raithelh.	Boletes and Agarics	Yes
Russula betularum	Hora	Boletes and Agarics	
Russula delica	Fr.	Boletes and Agarics	
Russula fragilis	(Pers.) Fr.	Boletes and Agarics	
Russula queletii	Fr.	Boletes and Agarics	
Russula sanguinaria	(Schumach.) Rauschert	Boletes and Agarics	
Russula versicolor	Jul. Schaeff.	Boletes and Agarics	
Schizophyllum commune	(L.) Fr.	Boletes and Agarics	
Scleroderma areolatum	Ehrenb.	Gasteroid Fungi	
Stropharia albonitens	(Fr.) P. Karst.	Boletes and Agarics	
Stropharia pseudocyanea	(Desm.) Morgan	Boletes and Agarics	
Suillus bovinus	(L.) Roussel	Boletes and Agarics	
Trametes gibbosa	(Pers.) Fr.	Aphyllophoroid Fungi - Brackets Chanterelles etc	
Trichoglossum walteri	(Berk.) E.J. Durand	Ascomycetes	
Tricholoma album	(Schaeff.) P. Kumm.	Boletes and Agarics	
Tricholoma scalpturatum	(Fr.) Quél.	Boletes and Agarics	Yes
Tricholoma ustale	(Fr.) Quél.	Boletes and Agarics	
Xylaria hypoxylon	(L.) Grev.	Ascomycetes	Yes

Table 4 – Species new to the vice county of West Galway and County Galway

Other wildlife observations

Grey Seal (*Halichoerus grypus)* – On Inishshark (on 30/10/10), 83 grey seal pups were counted. The seal pups were encountered in numerous places around the island including the

harbour, in the village and up on the fields. Counting them from the air would be difficult on Inishshark as some were found right underneath the lip of small cliffs or at the head of deep gullies. Map 1 shows where the pups were seen but it must be stressed that we did not do an exhaustive survey. Not all gullies were checked and a large area along the eastern to north eastern coast was not looked at.



Map 1: Locations of Grey Seal Pups on Inishshark

Grey Seal pup

Grey Seal mother and pup (on right) in Inishshark village

Chough (*Pyrrhocorax pyrrhocorax*) were seen at Omey Island on 28/10/2010, Inishshark on 30/10/2010 and Inishbofin on 31/10/10.

Irish Hare (*Lepus timidus* subsp. *hibernicus*) were seen at Lough Nardikmore on 04/11/2010 at M021638 and Earawalla Point on 06/11/2010 at L688377.

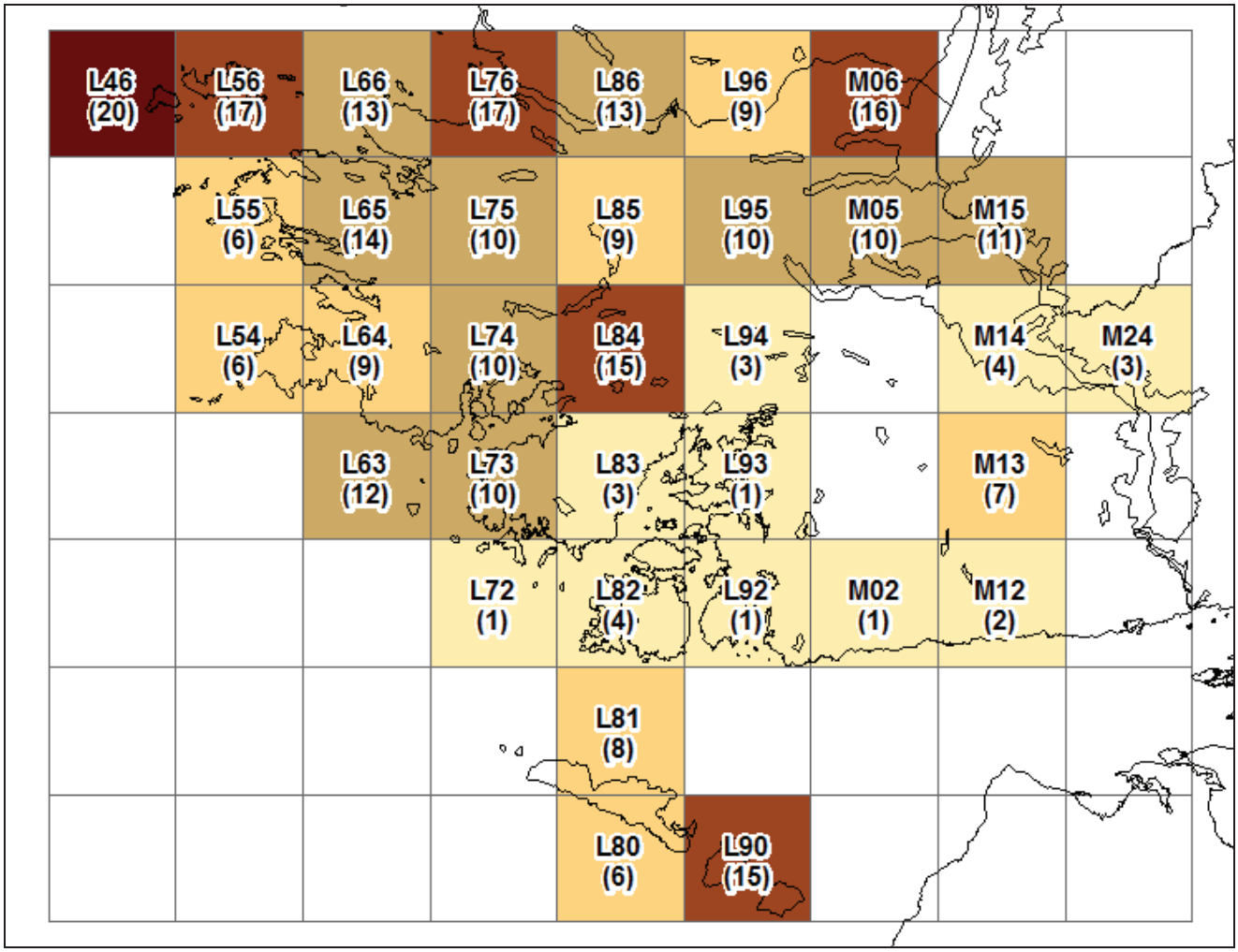
Nostoc commune is a blue green alga that occasionally is found in large quantities in grassland. It can remain dormant in the soil and when conditions are right appear en masse.

I have seen some sites like Binevenagh in Co. L'derry coated in it so that walking became

treacherous. It sudden appearance has given rise to stories of it being deposited to earth after meteor showers (giving rise to one popular name of Star Jelly) and it has also been attributed to the remains of frogs regurgitated by herons. While some of the remains are undoubtedly from the latter source, the quantities in which this can be found means that this is not always what this is. See http://www.dgsgardening.btinternet.co.uk/bluegreenalgae.htm for more information.

10km square and Site Rankings

Both the total 10km squares and individual sites were ranked according to numbers of species of *Hygrocybe*. Map 2 shows the distribution of the 10km squares surveyed and the number of species of *Hygrocybe* found in each square. Appendix 1 gives full 10km and site species lists.



Map 2 – 10km squares surveyed with number of species of *Hygrocybe* recorded

Map 2 shows an interesting distribution with the more mountainous north west of the vice county significantly better than the lower boggy granite lowlands of the south east. Again, as in West Cork in 2007 (Dursey Island), West Mayo in 2008 (Clare Island) and West Donegal in 2009 (Arran More), islands were the best sites. Inishshark and Inishbofin were the best sites with 20 species found on Inishshark. This is only the fourth time in Ireland that 20 species of *Hygrocybe* have been found in a single visit with this only occurring on the Curragh (Kildare), Clare Island (West Mayo) and Crossmurrin NNR (Fermanagh). Added to this was the sheer

abundance of fruiting bodies at Inishshark. I personally have never seen such large quantities of species like *Hygrocybe calyptriformis* or *H.flavipes.* Strangely though Fairy Clubs, Earth tongues and Entolomas were not prolific. The best areas on Inishshark were in the fields around the deserted village. The higher areas of the northern cliffs and out towards Shark Head were less diverse with *H.psittacina* and *H.russocoriacea* dominating in these areas. Inishshark was abandoned almost 50 years ago to the day of our visit. At its peak, 300 people lived on Inishshark but by 1960, only 23 were left. A commemoration was held the previous week when weather meant that it was not possible to get onto the island. The abandonment of the island in 1960 has meant that the island has not been improved agriculturally. Sheep are still kept on the island but the difficult landing with the quay disintegrating means that access is not easy. We had to charter an inflatable to get onto the island from Inishbofin. The recent TG4 film “Inishshark – Death of an island” gives the sad history of this beautiful island.

Inishshark

Inishshark

Inishshark northern sea cliffs

Inishbofin was the second best site with 17 species of *Hygrocybe.* Notable species like *H.spadicea* and *H.nitrata* were found which were not found on neighbouring Inishshark. The best area on this island was the tightly grazed pastures of the West Quarter. Quite a lot of fields were good as well but access was more difficult here. Duchar beach on the east coast was disappointing but the acid grassland slopes of Knock hill were very good again. The northern headlands of Middlequarter and Cloonamore were not visited.

The tightly grazing pastures of West Quarter, Inishbofin with Inishshark in the background

West Quarter, Inishbofin

The steep grasslands along the shores of Killary Harbour were also really good sites. The townland of Foher is the most interesting. This is accessible from the north or south via the “famine road” built to provide employment in this terrible time. 165 people used to live in Foher itself pre famine times (Robinson, 2009) but it is deserted now although the fields are still grazed. The fields around the deserted houses at L789638 were full of waxcaps including rarer species like *H.citrinovirens* and *H.vitellina*. Irritatingly, due to failing light at the end of the day and a long walk out, these fields were not properly surveyed and this site should definitely be revisited. The grasslands of interest actually stretched along the shores of Killary Harbour from Rosroe to Bunnowen river, north and south of Foher.

Foher townland, Killary Harbour. The fields around the two houses are the fields worth surveying

Cummer (L998601) in the Partrey Hills was a very strange site featuring 15 species of *Hygrocybe*. It was a sequence of grassy slopes above and below the road and was a byproduct of building the road. Notable species like *Hygrocybe nitrata* and *Entoloma bloxamii* and normally calcareous species like *H.colemanniana* and *H.mucronella* were found in this inconsequential looking site. This possibly could have been due to limestone used for building up the roadsides.

Cummer

Inis Meáin, the middle island in the Aran Islands, was the other site with 15 or more species of *Hygrocybe.* Typical of the best calcareous grasslands, the island was rich in waxcap diversity but they were few and far between and fruiting was scattered. As access onto open ground or the fields is limited on Inis Meáin, there was a lot of looking over walls but the areas of most interest were the pavement around Synge's Chair at L922050, Dun Chonchúir, the fields to the south of the island and the beach areas at Tra Leitreach (L949048). I would concentrate future survey work to the southern fields. The notable species found were *Hygrocybe nitrata and Hygrocybe aurantiosplendens.*

Inis Meáin

Inis Meáin

Other sites worth noting include Ashford Castle at M148545. There were 11 species of *Hygrocybe* in the lawn including *H.calyptriformis.* It was felt that as most of the specimens were all very small that possibly due to the lawn being cut recently or a fruiting burst only just beginning that this site is likely to be much better than was found here.

Ashford Castle

Searching the aerial photographs for abandoned townlands like Foher can lead to excellent sites but not always. I spotted the old fields of Tallaghnamuinga at L841557 on the OSi aerials which looked really promising.

The site was in the middle of a large blanket bog below the mountain of Letterbreckaun. After a long and very walk in, we arrived at a site that was so wet it was difficult to walk over. There were abandoned houses and trying to farm here must have been incredibly difficult. Even now however, the fields were being improved as a quad bike with bags of fertiliser on them was parked in the field. Nine species of *Hygrocybe* were found but nearly all on the old earthbank walls where drainage was better.

Tallaghnamuinga

Gortnandarragh Limestone Pavement was also visited. This site contains one of Ireland's few "endemic" species, *Entoloma jennyi*. This is the only site known for this species in the world. It is a large chunky blue *Entoloma* which is one of the very few representatives of this section of *Entoloma* outside of the tropics. It has not been found for over 10 years (Marianne ten Cate, pers comm.) and was found around M204400 on the bog amongst Bog Asphodel near the interface between bog and limestone pavement. Alas it was not found in this visit.

Gortnandarragh Limestone Pavement (Kylemore)

Machair sites like Truska or Omey Island, as with previous surveys, were generally disappointing being dominated by a restricted range of species. Churchyards were also very poor with the best ones (Clifden Cathedral and Clifden Church of Ireland) having only four species of waxcap. Churches in this area rarely had significant areas of grassland often given over to tarmac for parking.

Truska Machair

The best non-island areas were the acid grasslands of the mountainous north but the balance is finding grassland sites that are then not too wet. The highest mountains are of the Twelve Pins or the Maumturks were far too wet but the hills of Joyce's Country and the Partrey Hills are worth a much closer look. In particular, the northern slopes of Kilmore mountain above Glenbeg West or Glenbeg East (around M029606) look really promising but unfortunately were not visited.

Site	Grid Ref	Hygrocybe
Inishshark	L497641	20
Inishbofin	L511654	17
Killary Harbour: Foher	L758643	16
Cummer	L998601	15
Inis Meáin	L931048	15
Cashel Hill: Lower Slopes	L804428	13
Killary Harbour: Letterettrin	L805626	13
Renvyle Beach	L687636	12
Track to Lough Nadirkmore	M021638	12
Ashford Castle	M148545	11
Dogs Bay	L689379	11
Benleavy	M069539	10
Currarevagh	L943593	10
Dooyeher	L747337	10
Inis Mór: Dun Aonghasa	L822101	10
Lettershanna	L630524	10
Ben Lettery	L776484	9
Roundstone Bog	L697469	9
Tallaghnamuinga	L841557	9
Derryvealawauma	L892495	7
Ross Lake House Hotel	M148387	7
Kylemore Abbey	L747583	6
Omey Island	L562555	6
Trusk Machair	L582465	6

Table 5 – Sites ranked by number of *Hygrocybe*

It is not worth presenting the best sites for *Clavariaceae, Entoloma* or *Geoglossaceae* as the best sites for each group had only four of each (Inishbofin which had 4 *Clavariaceae* and *Entoloma* and Lough Nadirkmore which had 4 species of earth tongue.

Vesterholt et al (1999) estimated that sites with 22+ species of waxcap (which translates to sites with 15+ in one visit) are internationally important and Genney et al (2009) wrote in the guidelines for designating SSSIs in the UK that sites with 18+ species from multiple visits and 12+ in a single visit should be considered for SSSI status. Additionally sites with 5+ species of *Clavariaceae,* 12+ species of *Entolomataceae* or 3+ species of *Geoglossaceae* should be considered. My personal thought is that some of these thresholds are a bit low for the British Isles with 9 sites qualifying in West Galway and the Aran Islands. I would consider sites with 15 or more in a single visit and hence look at the first five sites discussed above – Inishshark, Inishbofin, Foher and Inis Meáin. Cummer is such an odd site that it would be unlikely to be worthy of designation.

10k	Site	Hygrocybe
L46	Inishshark	20
L56	Inishbofin	17
L76	Killary Harbour: Foher; Carrickduff Beach	17
M06	Cummer, Track to Lough Nadirkmore	16
L90	Inis Meáin	15
L84	Cashel Hill: Lower Slopes; Cashel: St James's Church; Recess Church;	15
L65	Clifden: Church of Ireland; Cathedral; Lettershanna	14
L66	Renvyle Beach; Renvyle House Hotel	13
L86	Killary Harbour: Letterettrin	13
L63	Dogs Bay, Errisbeg	12
M15	Ashford Castle, Cong Abbey	11
L95	Currarevagh	10
L74	Ben Lettery; Ballynahinch Church; Ballynahinch Castle	10
L75	Kylemore Abbey	10
L73	Dooyeher	10
M05	Benleavy, Clonbur: St Patrick's Church	10
L64	Roundstone Bog	9
L85	Tallaghnamuinga; Ballynaboleyglassa	9
L96	Cummer	9
L81	Inis Mór: Dun Aonghasa, Fearann an Chorice School, Kilronan Church	8
M13	Ross Lake Hotel	7

Table 6 – 10km squares ranked by number of *Hygrocybe*

Other Sites

Inis Mór: Dun Dúchathair

Inis Mór: Dun Aonghasa

Dooyoher. The best areas were the fields near the top of the hill

Lettershanna (north side of the Sky Road)

Omey Island

Roundstone Bog

Dogs Bay, Roundstone

Benleavy

Species Rankings

The grassland target species were ranked according to the number of 10km squares in which they were found and compared to their rank in the other surveys.

Species	Galway Rank	Donegal Rank	Mayo Rank	West Cork Rank	Clare Rank	Irish Rank
Hygrocybe virginea var. virginea	01	01	01	03	02	1
Hygrocybe psittacina var. psittacina	02	03	03	04	07	3
Hygrocybe chlorophana	03	03	02	01	03	4
Hygrocybe conica var. conica	04	12	08	02	01	2
Hygrocybe pratensis var. pratensis	04	06	05	11	11	7
Hygrocybe russocoriacea	06	06	04	16	04	8
Hygrocybe coccinea	07	05	05	06	07	5
Hygrocybe laeta var. laeta	07	13	05	31	36	15
Clavulinopsis helvola	09	16	26	05	10	11
Entoloma conferendum	10	10	11	08	36	14
Hygrocybe reidii	10	14	16	09	15	9
Hygrocybe punicea	12	06	09	17	11	12
Hygrocybe quieta	12	06	18	09	05	10
Hygrocybe insipida	14	02	09	06	06	6
Geoglossum cookeanum	15	16	11	31	11	21
Trichoglossum hirsutum	15	20	20	31	11	18
Hygrocybe colemanniana	17	38	-	-	18	44

Species	Galway Rank	Donegal Rank	Mayo Rank	West Cork Rank	Clare Rank	Irish Rank
Hygrocybe persistens var. persistens	17	33	-	40	26	22
Hygrocybe virginea var. ochraceopallida	17	20	14	24	07	19
Geoglossum fallax	20	10	11	40	15	16
Hygrocybe irrigata	20	33	26	17	-	20
Hygrocybe splendidissima	20	25	18	24	-	36
Hygrocybe conica var. conicoides	23	15	14	28	36	46
Clavulinopsis corniculata	24	19	16	31	25	17
Hygrocybe fornicata	24	25	38	40	19	24
Hygrocybe nitrata	24	33	43	31	30	48
Clavaria fragilis	27	55	34	31	30	39
Clavulinopsis luteoalba	27	23	-	11	36	23
Hygrocybe calyptriformis	27	49	26	40	-	27
Hygrocybe ceracea	27	16	21	14	36	13
Entoloma bloxamii	31	55	-	40	36	63
Entoloma jubatum	31	25	-	40	-	46
Geoglossum glutinosum	31	49	22	-	35	32
Hygrocybe aurantiosplendens	31	55	26	59	19	36
Hygrocybe flavipes	31	33	34	20	36	43
Hygrocybe glutinipes var. glutinipes	31	43	26	28	36	30
Hygrocybe mucronella	31	25	34	-	19	34
Hygrocybe virginea var. fuscescens	31	20	26	-	19	34
Clavulinopsis fusiformis	39	25	26	40	25	25
Clavulinopsis laeticolor	39	43	43	49	36	30
Entoloma poliopus var. poliopus	39	43	43	11	19	49
Geoglossum atropurpureum	39	49	22	-	-	52
Hygrocybe calciphila	39	38	-	49	36	70
Hygrocybe cantharellus	39	38	22	20	30	26
Hygrocybe citrinovirens	39	55	-	59	-	55
Clavaria fumosa	46	38	34	49	30	28
Entoloma prunuloides	46	49	38	24	-	51
Entoloma sericeum	46	33	26	20	36	39
Entoloma serrulatum	46	43	43	24	-	43

Table 9 – Species ranks and comparisons with other surveys

The interesting points of note here are:

- *Hygrocybe insipida* was less common than normal
- Species like *Hygrocybe laeta, H.colemanniana, H.nitrata* and *H.conica* var. *conicioides* were more common than normal

Comparisons to other areas

The following tables are the up to date site rankings for the whole of Ireland based on number of *Hygrocybe* and *Clavariaceae*.

Rank	Site	County	No of Species	No visits
1	The Curragh	Kildare	32	23
2	Clare Island	West Mayo	26	8
3	Slievenacloy ASSI	Antrim	25	14
4	Crossmurrin NNR	Fermanagh	23	7
5	Binevenagh NNR	Londonderry	22	10
5	Ballyprior	Laois	22	5
7	Kebble NNR	Antrim	22	6
8	Achill Island: Keem Bay	West Mayo	20	4
8	Inishshark	West Galway	20	1
8	Monawilkin ASSI	Fermanagh	20	6
11	Aghadachor	West Donegal	19	2
11	Arran More	West Donegal	19	1
13	Barnett's Park	Antrim	18	25
13	Dursey Island	West Cork	18	3
13	Hillsborough Parish Church	Down	18	7
13	Longmore Td., 1.5km NW of The Sheddings	Antrim	18	1
13	Mount Stewart Estate	Down	18	10
18	Ballynacarriga	West Cork	17	1
18	Bantry House	West Cork	17	1
18	Inishbofin	West Galway	17	1
18	Murrevagh Maghera	West Mayo	17	4
22	Agnew's Hill	Antrim	16	3
22	Black Head	Clare	16	2
22	Foher: Killary Harbour	West Galway	16	1
22	Silent Valley, Mourne Mountains	Down	16	6
26	Slemish Mountain	Antrim	15	2
26	Clandeboye Estate	Down	15	7
26	Cummer	West Galway	15	1
26	Drum Manor Forest Park	Tyrone	15	7
26	East Torr Td, nr Torr Head	Antrim	15	1
26	Great Heath of Maryborough	Laois	15	1
26	Inis Meáin	West Galway	15	1
26	Inishturk	West Mayo	15	1
26	John McSparran Memorial Hill Farm	Antrim	15	3
26	Knockninny ASSI	Fermanagh	15	3
26	Murlough NNR	Down	15	15
26	Teelin Point	West Donegal	15	1

Table 10: Top Irish Grassland sites as of 24/11/10

Sites marked in colour have been surveyed in the five recent surveys funded by the Heritage Council. Inishshark is now the 8th best waxcap site in Ireland,,Inishbofin is the 18th, Foher 22nd and Cummer and Inis Meáin 26th.

Recommended sites for further survey

This list includes sites that scored well as it is felt that they will prove to be better as well as sites that were seen but not visited. In Appendix 1 which gives the 10km and site details, under each 10km square, other possible sites are listed. Many of these are purely speculative having been identified in the desk top survey alone but represent my best estimation at good sites within each square.

- Inishshark. This is such a good site that it will undoubtedly prove to have more species
- Inishbofin. The northern area of Middlequarter and Cloonamore were not visited
- Foher (Killary Harbour). This should have a high priority for resurvey. The best looking fields were not reached and this could be a very good site.
- The northern slopes of Kilmore mountain above Glenbeg West or Glenbeg East (around M029606) look really promising and could be very good indeed
- Ashford Castle. The lawn behind the castle was good and due to recent grass cutting, fruiting was not good
- Lettershanna (north side of Sky Road near Clifden). The northern slopes of Lettershanna could be very good extending right up to the top of the hill. This area was only briefly surveyed
- Benleavy – this site had the feel of being much better
- Ben Lettery – terrible weather shortened the visit to the fields behind the Youth Hostel
- The offshore islands of Finish Island, Cruagh, High Island, Inishturk, Turbot Island, St Macdara's Island and Masson Island
- Cleggan Head
- South west side of Tully Mountain at Letter Beg (L655615)
- The south sides of Kylemore and Pollacappoul Loughs (L761578)
- The acid grassland at Cregg (L715524)
- The steep slopes of Lop Rock (L491498)
- Inis Oírr
- The marginal fields at Derryvoreada at L882514
- The grassy glacial moraines along the Leenane - Maam road (R336) at Culliagh More
- The western slopes of Gattaedmondweeny at L997404
- The southern slopes at Tonaglanna at M033646

Recommended Fungal Priority Species for County Galway

Species	Northern Ireland	UK
Entoloma bloxamii	Yes	Yes
Geoglossum atropurpureum	Yes	Yes
Hygrocybe calyptriformis	Yes	No
Hygrocybe spadicea	No	Yes
Trichoglossum walteri	Yes	No

Conclusions

Grassland fungi are a particularly attractive group that are very threatened all over Europe due to habitat loss. Ireland, along with Great Britain, is one of the best areas in the world for these fungi and there are few species groups that we can actually say that for. The vice county of

West Galway has been shown to be rich in grassland fungi with four to five sites of international importance found and 10 sites would qualify for consideration for site designation under SSSI selection guidelines in the UK. To this end, site protection should be considered for some of these sites and it is my hope that these surveys will raise the profile of this beautiful group by providing the data and the context to make these decisions.

Site designation is only the first step though as the key target is to manage these sites favourably. It is unlikely that grassland fungi are identified features in the management plans for any of these sites and integrating the site management requirements of these fungi into the management plans should be looked at. Integrating their needs into agri-environment schemes would be another important step so it is important to know their ecological requirements. Advice on their management requirements can be obtained from the following sources:

- Natural England's Grassland Information Note No.4: Grassland Fungi: http://www.english-nature.org.uk/science/botany/pdf/FUNGI_INFO_NOTE.pdf
- CCW's report on Habitat Management to Conserve Fungi: http://www.ccw.gov.uk/publications--research/research--reports/habitat-management-to-conserve.aspx

In addition, the Fungal Conservation Forum produced a very attractive leaflet for landowners on Grassland fungi which is downloadable at http://www.plantlife.org.uk/uk/plantlife-saving-species-publications.html. This contains the following management guidelines for grassland fungi:

- To keep your grassland well grazed or mown so that the turf is short. Remove clippings wherever possible. Regular cutting does not appear to damage the fungi below ground, but if you want to see what you have, cut less in Autumn to allow fruiting
- To maintain existing field drainage systems where appropriate
- That fertilisers damage grassland fungi and should be avoided if possible
- To try and avoid the use of fungicides or use them sparingly, as they may inadvertently kill useful fungi or fungi you never intended to control
- To avoid using moss killers since these fungi may form intimate relationships with mosses and may even depend on them
- To avoid lime or apply it with caution since it may damage fungi

I am also willing to help give advice on any issue on grassland fungi at any time.

Images

All images of species that were taken in this survey can be used by any interested organisation for conservation purposes. These images and many others are available at www.nifg.org.uk/photos.htm or from the Picassa web albums at http://picasaweb.google.com/mitchel.david/GalwayFungi?authkey=Gv1sRgCJyqqIr5kKGoUw# or http://picasaweb.google.com/mitchel.david/Galway?authkey=Gv1sRgCNL5x8y69o-a2wE#.

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The financial support of the Heritage Council is also gratefully acknowledged as without this, this survey would not have been possible and I can only hope that it helps to raise awareness of this wonderful group of fungi and this beautiful county.

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L46

Sites Searched: Inishshark

Hygrocybe: 20 ***Clavariaceae:*** 3 ***Entoloma:*** 3 ***Geoglossaceae:*** 1 ***Others:*** 0

The island of Inishshark is the only land within this square

Grassland Target Species Recorded

Clavaria fumosa
Clavulinopsis corniculata
Clavulinopsis helvola
Entoloma bloxamii
Entoloma conferendum
Entoloma corvinum
Geoglossum fallax
Hygrocybe aurantiosplendens
Hygrocybe calyptriformis
Hygrocybe ceracea
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe flavipes
Hygrocybe fornicata
Hygrocybe glutinipes var. glutinipes
Hygrocybe insipida
Hygrocybe irrigata
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe splendidissima
Hygrocybe virginea var. virginea

Site Reports

Site: **Inishshark**

Date Visited: 30/10/2010 ***Grid Reference:*** L497641

Hygrocybe: 20 ***Clavariaceae:*** 3 ***Entoloma:*** 3 ***Geoglossaceae:*** 1 ***Others:*** 0

Without doubt one of the best waxcap sites in Ireland, fruiting was continuous throughout the abandoned field system and also along the cliff tops. The island was abandoned almost exactly 50 years ago on 20 October 1960. The houses are now ruins and the field boundaries are grassed over walls. Grey seals were pupping in the fields and amongst the houses and 83 pups were counted. Hygrocybe punicea, H.prtatensis and H.coccinea in particular were incredibly abundant and I have seen no other site where H.calyptriformis and H.flavipes were also so abundant. The one odd thing was the lack of earth tongues (just one group of Geoglossum fallax) and only three fairy clubs (including the first site on this survey of Clavaria fumosa). Other notable species were H.aurantiosplendens, H.fornicata, Entoloma bloxamii and Lepiota pseudolilacina up in the heath on the cliff edge near Shark Head. This species is only recorded from woodlands elsewhere in the British Isles but in Funga Nordica is noted as occuring in arctic alpine heathland.

Agaricus silvaticus	Blushing Wood Mushroom
Agaricus urinascens	Macro Mushroom
Clavaria fumosa	Smoky Spindles
Clavulinopsis corniculata	Meadow Coral
Clavulinopsis helvola	Yellow Club
Clitocybe dealbata	Ivory Funnel
Cystoderma amianthinum	Earthy Powdercap
Entoloma bloxamii	Big Blue Pinkgill
Entoloma conferendum	Star Pinkgill
Entoloma corvinum	
Galerina marginata	Funeral Bell
Geoglossum fallax	
Hygrocybe aurantiosplendens	Orange Waxcap

Hygrocybe calyptriformis	Pink Waxcap
Hygrocybe ceracea	Butter Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe flavipes	Yellow Foot Waxcap
Hygrocybe fornicata	Earthy Waxcap
Hygrocybe glutinipes var. glutinipes	Glutinous Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe irrigata	Slimy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Lepiota pseudolilacea	
Lepista panaeola	
Lycoperdon nigrescens	Dusky Puffball
Marasmius oreades	Fairy Ring Champignon
Panaeolus acuminatus	Dewdrop Mottlegill
Psilocybe coprophila	
Psilocybe semilanceata	Liberty Cap
Stropharia pseudocyanea	Peppery Roundhead
Stropharia semiglobata	Dung Roundhead
Tricholomopsis rutilans	Plums and Custard
Vascellum pratense	Meadow Puffball

L54

Sites Searched: Truska Machair

Hygrocybe: 6 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

Truska machair is an enormous site but being machair, it was not found to be diverse. There is another large area of machair at the golf club but the acid grassland out towards Slyne Head and Doon Hill would probably be the best areas to survey.

Grassland Target Species Recorded

Geoglossum cookeanum
Hygrocybe chlorophana
Hygrocybe colemanniana
Hygrocybe conica var. conicoides
Hygrocybe insipida
Hygrocybe persistens var. persistens
Hygrocybe virginea var. fuscescens
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Truska Machair**

Date Visited: 06/11/2010 ***Grid Reference:*** L582465

Hygrocybe: 6 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

As is so typical of the machair sites visited during these waxcap surveys, this was not a diverse site being dominated by H.virginea, H.conica var. conicioides and G.cookeanum with all other species being scattered. Of note was the one rocky knoll at L582465 which was densely covered in H.colemanniana. I have never seen such a density of fruiting bodies of this species.

Geoglossum cookeanum	
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe virginea var. fuscescens	
Hygrocybe virginea var. ochraceopallida	

Hygrocybe virginea var. virginea	Snowy Waxcap

L55

Sites Searched: Omey Island; Claddaghduff: Our Lady of the Sea Church

Hygrocybe: 6 ***Clavariaceae:*** 2 ***Entoloma:*** 0 ***Geoglossaceae:*** 2 ***Others:*** 0

With Omey Island being so disappointing, the offshore islands of Cruagh, High Island, Inishturk or Turbot Island could be the most promising sites for waxcaps.

Grassland Target Species Recorded

Clavaria fragilis
Clavulinopsis corniculata
Clavulinopsis helvola
Geoglossum cookeanum
Trichoglossum hirsutum
Hygrocybe calciphila
Hygrocybe chlorophana
Hygrocybe conica var. conicoides
Hygrocybe laeta var. laeta
Hygrocybe persistens var. persistens
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe reidii
Hygrocybe virginea var. fuscescens
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Claddaghduff: Our Lady of the Sea Church**

Date Visited: 28/10/2010 ***Grid Reference:*** L582569

Hygrocybe: 1 ***Clavariaceae:*** 2 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A small churchyard that probably has more species of interest as indicated by the presence of Clavaria fragilis.

Clavaria fragilis	White Spindles
Clavulinopsis corniculata	Meadow Coral
Hygrocybe virginea var. virginea	Snowy Waxcap

Site: **Omey Island**

Date Visited: 28/10/2010 ***Grid Reference:*** L562555

Hygrocybe: 6 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 2 ***Others:*** 0

Omey Island is an interesting site. There is a huge area of natural grassland but it was almost devoid of any fungi. Only Hygrocybe virginea with all its varieties was present in any quantities. Earth tongues (mainly G.cookeanum) carpeted small areas but were also absent for much of the site. As the site was visited in a storm, the impression was very much that much of the grassland was in fact a thin veneer on wind blown sand that the wind was continually ripping up, this being exacerbated by rabbit burrowing. It was only in areas of better fixed grassland that fungi were found. The lack of diversity is typical of a lot of machair.

Clitocybe dealbata	Ivory Funnel
Geoglossum cookeanum	
Hygrocybe calciphila	
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe virginea var. fuscescens	
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Leptosphaeria acuta	Nettle Rash
Phragmidium violaceum	Violet Bramble Rust
Trichoglossum hirsutum	Hairy Earthtongue

L56

Sites Searched: Inishbofin

Hygrocybe: 17 ***Clavariaceae:*** 4 ***Entoloma:*** 4 ***Geoglossaceae:*** 1 ***Others:*** 0

Along with the island of Inishbofin, a small area of Inishshark, the islands of Inishlyon and Davillaun and the tip of the headland to the north of Cleggan make up this square. This headland looks worth a visit as would the other islands if access was possible.

Grassland Target Species Recorded

Clavaria fragilis
Clavulinopsis corniculata
Clavulinopsis helvola
Ramariopsis kunzei
Entoloma conferendum
Entoloma corvinum
Entoloma infula
Entoloma prunuloides
Trichoglossum hirsutum
Hygrocybe calyptriformis
Hygrocybe ceracea
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe conica var. conicoides
Hygrocybe insipida
Hygrocybe nitrata
Hygrocybe persistens var. persistens
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe spadicea
Hygrocybe splendidissima
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Inishbofin**

Date Visited: 01/11/2010 ***Grid Reference:*** L511654

Hygrocybe: 17 ***Clavariaceae:*** 4 ***Entoloma:*** 4 ***Geoglossaceae:*** 1 ***Others:*** 0

Another great waxcap island. Fruiting was also continuous throughout the island although due to access reasons, the fields in agricultural use were not searched. It was obvious though that waxcaps were present in many of these fields. The best areas were the open commonage of West Quarter which was very tightly grazed by sheep and rabbits and the grassland around the coastline at the base of the hill Knock in the south east of the island. The machair at Duchar beach was disappointing with only H.persistens, H.conica var. conicoides and H.virginea var. ochraceopallida being found.

Whilst 17 species of Hygrocybe were found, some common species were not found and this site is bound to be better. H.irrigata and H.laeta in particular were not found and despite the abundance of H.flavipes on nearby Inishshark, it was also not found here.

On a stretch of green road on West Quarter at L515652, Hygrocybe spadicea was found for the first time in Ireland. This is one of the rarest waxcaps and is noted by its dry brown cap and stem contrasting with bright yellow gills. It is thought to occur in drier or calcareous sites but while the south western slopes of West Quarter are dryish, they are not overly so and the flat green road was actually wetter than the surrounding slopes.

All the fruiting bodies on the short sward of West Quarter were still very small in direct contrast to biomass size say on Knock or Inishshark. This is probably because of exposure to wind and rain slowing fruiting body formation down with the slightly longer grass not being present to provide protection. Fruiting however was dense with again huge quantities of H.punicea, H.coccinea and H.pratensis.

Other notable species found were Arrhenia acerosa, Coprinus romagnesianus, Entoloma prunuloides, Hygrocybe nitrata, Ramariopsis kunzei and Schizophyllum commune on silage bales at L540651.

Agaricus urinascens	Macro Mushroom
Arrhenia acerosa	Moss Oysterling

Clavaria fragilis	White Spindles
Clavulinopsis corniculata	Meadow Coral
Clavulinopsis helvola	Yellow Club
Coprinopsis romagnesiana	
Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Entoloma corvinum	
Entoloma infula	
Entoloma prunuloides	Mealy Pinkgill
Galerina marginata	Funeral Bell
Hygrocybe calyptriformis	Pink Waxcap
Hygrocybe ceracea	Butter Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe spadicea	Date Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Lepista nuda	Wood Blewit
Leptosphaeria acuta	Nettle Rash
Marasmius oreades	Fairy Ring Champignon
Mucilago crustacea	
Panaeolus acuminatus	Dewdrop Mottlegill
Phragmidium violaceum	Violet Bramble Rust
Psilocybe coprophila	
Psilocybe semilanceata	Liberty Cap
Ramariopsis kunzei	Ivory Coral
Schizophyllum commune	Common Porecrust
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue
Vascellum pratense	Meadow Puffball

L63

Sites Searched: Dogs Bay, Errisbeg

Hygrocybe: 12 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

There is not a lot of land in this square but it still is probably a much better square. The enclosed fields on the southern slopes of Errisbeg below the road down to the sea look promising. The head at Earawalla Point was good as it was an interesting mixture of calcareous and acid grassland. Fruiting was good and is likely to yield more species. The island of Croaghnakeela looks intriguing.

Grassland Target Species Recorded

Clavulinopsis corniculata
Entoloma conferendum
Geoglossum cookeanum
Hygrocybe cantharellus
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe conica var. conicoides
Hygrocybe insipida
Hygrocybe pratensis var. pallida
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe virginea var. fuscescens

Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Dogs Bay**

Date Visited: 06/11/2010 ***Grid Reference:*** L689379

Hygrocybe: 11 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

The area searched was the dunes and machair between Dogs Bay and Gurteen Bay and the mixture of calcareous and acid grassland on Earawalla Point. It was the latter area that was good in terms of fruiting with 11 species found. This is the only site in the survey for Hygrocybe pratensis var pallida. The milkcap, Lactarius lacunarum, was also found on Salix repens amongst Calluna, a habitat I have found it in commonly enough in the west of Ireland.

Clavulinopsis corniculata	Meadow Coral
Geoglossum cookeanum	
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe pratensis var. pallida	Pale Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. fuscescens	
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Lactarius lacunarum	
Mucilago crustacea	
Panaeolina foenisecii	Brown Mottlegill

Site: **Errisbeg**

Date Visited: 06/11/2010 ***Grid Reference:*** L685398

Hygrocybe: 7 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

The area around the small man made lake at L685398 was searched. It was slightly disappointing as there is a lot of grazed acid grassland in between the clumps of Western Gorse but fruiting was not abundant. It was mainly confined to the green road at L684398 and the small grassy dam at L685397. The amount of potential grassland on these slopes of Errisbeg looks good and there will probably be more patches where fruiting is good.

Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Flammulina velutipes	Velvet Shank
Hygrocybe cantharellus	Goblet Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Lycoperdon nigrescens	Dusky Puffball
Panaeolus acuminatus	Dewdrop Mottlegill
Peniophora incarnata	Rosy Crust
Psilocybe coprophila	
Psilocybe semilanceata	Liberty Cap
Stropharia semiglobata	Dung Roundhead
Tremella mesenterica	Yellow Brain
Vascellum pratense	Meadow Puffball

L64

Sites Searched: Roundstone Bog

Hygrocybe: 9 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

The area surveyed were a number of small patches of acid grassland on rocky knolls, road verges and ruins of houses in the middle of the Roundstone Bog. There is a good range of semi-natural grassland in this square in different habitats meaning that this is will be a better square. Other possible sites are Errisbeg Summit, the enclosed fields on the southern

slopes of Errisbeg above Dogs Bay, Ballyconneely Bay machair, Mannin More machair and Salt Lough machair

Grassland Target Species Recorded

Entoloma conferendum
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe insipida
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Roundstone Bog**

Date Visited: 06/11/2010 ***Grid Reference:*** L697469

Hygrocybe: 9 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

There is a scattering of small patches of grassland across this vast area of bog. They are often associated with the road or area where rock was quarried presumably for the construction of the road. Ruins of houses and rocky knolls are also possible spots of interest. Hence this "site" may have a good range of species but it would represent the totals from a range of tiny patches of grassland.

Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Panaeolus acuminatus	Dewdrop Mottlegill

L65

Sites Searched: Clifden: Church of Ireland; Cathedral; Lettershanna

Hygrocybe: 14 ***Clavariaceae:*** 2 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

The mix of churchyards featuring interesting species and good acid grassland at Lettershanna gave this square its good numbers of Hygrocybe. The Abbeyglen Hotel is also worth a look as is the hill around Carton in the north of the square at L641586.

Grassland Target Species Recorded

Clavulinopsis helvola
Clavulinopsis luteoalba
Entoloma conferendum
Trichoglossum hirsutum
Hygrocybe chlorophana
Hygrocybe citrinovirens
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe fornicata
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe splendidissima
Hygrocybe virginea var. virginea

Site Reports

Site: **Clifden: Cathedral**

Date Visited: 28/10/2010 ***Grid Reference:*** L660507

Hygrocybe: 4 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A very small area of grass which included Hygrocybe fornicata.

Clavulinopsis helvola	Yellow Club
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe fornicata	Earthy Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap

Site: **Clifden: Church of Ireland**

Date Visited: 28/10/2010 ***Grid Reference:*** L656506

Hygrocybe: 4 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

A small churchyard with interesting species including Hygrocybe citrinovirens and H.fornicata.

Armillaria gallica	Bulbous Honey Fungus
Cystoderma amianthinum	Earthy Powdercap
Galerina vittiformis	Hairy Leg Bell
Hygrocybe citrinovirens	Citrine Waxcap
Hygrocybe fornicata	Earthy Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Lactarius glyciosmus	Coconut Milkcap
Melampsoridium betulinum	Birch Rust
Mycena pura	Lilac Bonnet
Rhytisma acerinum	Sycamore Tarspot
Trichoglossum hirsutum	Hairy Earthtongue

Site: **Lettershanna**

Date Visited: 28/10/2010 ***Grid Reference:*** L630524

Hygrocybe: 10 ***Clavariaceae:*** 2 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

This site could be much better and is worth a full survey. The grassy north eastern acid grassland slopes at Lettershanna extend for some way right up to the ridge. This site therefore was only briefly examined and I would expect it to have in the region of 15 species of Hygrocybe.

Clavulinopsis helvola	Yellow Club
Clavulinopsis luteoalba	Apricot Club
Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Lycoperdon nigrescens	Dusky Puffball
Trichoglossum hirsutum	Hairy Earthtongue

L66

Sites Searched: Renvyle Beach; Renvyle House Hotel

Hygrocybe: 13 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

Two small sites were visited in this square and they proved to be reasonably diverse. I also tried to look at acid grassland at the north end of Tully Mountain at Tonadooravaun but the immediate grassland at the end of the road did not look so good. The south west side of Tully Mountain at Letter Beg (L655615) is probably the prime site in this square and this should be visited.

Grassland Target Species Recorded

Clavaria fragilis
Entoloma conferendum
Geoglossum cookeanum
Geoglossum glutinosum
Hygrocybe calciphila
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe colemanniana
Hygrocybe conica var. conicoides
Hygrocybe glutinipes var. glutinipes
Hygrocybe insipida
Hygrocybe persistens var. persistens
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe russocoriacea
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Renvyle Beach**

Date Visited: 05/11/2010 ***Grid Reference:*** L687636

Hygrocybe: 12 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

The campsite and the two headlands were searched and this small site was surprisingly diverse but the mix of the campsite machair and headlands provide the habitat diversity. There are probably not so many more species to be found here. Hygrocybe calciphila was the most interesting record.

Clavaria fragilis	White Spindles
Geoglossum cookeanum	
Hygrocybe calciphila	
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Panaeolina foenisecii	Brown Mottlegill
Stropharia semiglobata	Dung Roundhead

Site: **Renvyle House Hotel**

Date Visited: 05/11/2010 ***Grid Reference:*** L675640

Hygrocybe: 5 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

The hotel lawns had just been cut 10 minutes before we arrived so it was difficult to identify the remains. The golf course could be worth visiting but I did not go over it.

Entoloma conferendum	Star Pinkgill
Geoglossum glutinosum	
Hebeloma mesophaeum	Veiled Poisonpie
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe glutinipes var. glutinipes	Glutinous Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Phragmidium violaceum	Violet Bramble Rust
Psilocybe semilanceata	Liberty Cap
Rhytisma acerinum	Sycamore Tarspot

L72

Sites Searched: Mweenish Island (south)

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

This could be a very good square. Mweenish Island is unlikely to be of any interest but the islands, Finish Island, St Macdara's Island and Masson Island could well be very good. We tried to walk out to Finish Island which is just possible apparently but there was still significant water preventing a crossing. These low lying sandy abandoned islands are unlikely to have been significantly agriculturally improved.

Grassland Target Species Recorded

Hygrocybe virginea var. virginea

Site Reports

Site: **Mweenish Island**

Date Visited: 26/10/2010 ***Grid Reference:*** L767292

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

The graveyard at L767292 had very virtually no mushrooms at all. The fields alongside the beach look like they could be of more interest but access was not encouraged by signage. Much of the rest of the island is unlikely to be of significant interest being either too wet or in agricultural use.

Hygrocybe virginea var. virginea	Snowy Waxcap

L73

Sites Searched: Dooyeher

Hygrocybe: 10 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

A difficult wet square. There may well be small patches of grassland in the private fields around rocky outcrops but the hill behind Dooyoher beach is likely to be the largest area. The northern part of Mweenish Island is of no interest.

Grassland Target Species Recorded

Entoloma poliopus var. poliopus
Geoglossum cookeanum
Trichoglossum walteri
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe insipida
Hygrocybe irrigata
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe russocoriacea
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Dooyeher**

Date Visited: 26/10/2010 ***Grid Reference:*** L747337

Hygrocybe: 10 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

The sandy fields and graveyard beside the sea were virtually devoid of waxcaps which were confined to the fields alongside the road further up the hill. Interest probably extends over the hill and this area may be worth further searching. Notable species were Trichoglossum walteri in the very short turf beside the beach car park and Gymnopilus penetrans in the graveyard presumably associated with a coffin.

Clitocybe nebularis	Clouded Funnel
Cystoderma amianthinum	Earthy Powdercap
Entoloma poliopus var. poliopus	
Geoglossum cookeanum	
Gymnopilus penetrans	Common Rustgill
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe irrigata	Slimy Waxcap

Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypholoma fasciculare	Sulphur Tuft
Phragmidium violaceum	Violet Bramble Rust
Puccinia distincta	
Trichoglossum walteri	

L74

Sites Searched: Ben Lettery; Ballynahinch Church; Ballynahinch Castle

Hygrocybe: 10 ***Clavariaceae:*** 1 ***Entoloma:*** 2 ***Geoglossaceae:*** 2 ***Others:*** 0

Much of this square is very wet and boggy but the southern slopes of Ben Lettery and the summit of Erris Beg are likely to be the best areas.

Grassland Target Species Recorded

Clavulinopsis laeticolor
Entoloma conferendum
Entoloma jubatum
Geoglossum cookeanum
Geoglossum fallax
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe fornicata
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe quieta
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Ballynahinch Castle**

Date Visited: 02/11/2010 ***Grid Reference:*** L763471

Hygrocybe: 4 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 2 ***Others:*** 0

The lawns surveyed around the castle were small and only four waxcaps were found. Clavulinopsis laeticolor was found. The grassy edges to the entrance roads were possible areas of interest but only mycorrhizal fungi were found here. The estate is obviously very good for woodland fungi and the list generated here is only scratching the surface. Notable species found were Lactarius salmonicolor (found at Ashford Castle earlier as a first record for Ireland), Lactarius serifluus and Psilocybe cyanescens, found in wood chips in a flowerbed for the first time in Ireland.

Armillaria gallica	Bulbous Honey Fungus
Clavulina rugosa	Wrinkled Club
Clavulinopsis laeticolor	Handsome Club
Clitocybe fragrans	Fragrant Funnel
Clitopilus prunulus	The Miller
Cystoderma amianthinum	Earthy Powdercap
Geoglossum cookeanum	
Geoglossum fallax	
Hebeloma crustuliniforme	Poisonpie
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypholoma fasciculare	Sulphur Tuft
Laccaria laccata	Deceiver
Lactarius quietus	Oakbug Milkcap
Lactarius salmonicolor	
Lactarius serifluus	Watery Milkcap
Lactarius torminosus	Woolly Milkcap
Lycoperdon perlatum	Common Puffball
Melampsoridium betulinum	Birch Rust

Melanoleuca polioleuca f. polioleuca	Common Cavalier
Psilocybe cyanescens	Blueleg Brownie
Rhytisma acerinum	Sycamore Tarspot
Rickenella fibula	Orange Mosscap
Russula betularum	Birch Brittlegill
Russula delica	Milk White Brittlegill
Russula fragilis	Fragile Brittlegill
Scleroderma areolatum	Leopard Earthball
Suillus luteus	Slippery Jack
Trametes versicolor	Turkeytail

Site: **Ballynahinch Church**

Date Visited: 02/11/2010 ***Grid Reference:*** L752487

Hygrocybe: 2 ***Clavariaceae:*** 0 ***Entoloma:*** 2 ***Geoglossaceae:*** 0 ***Others:*** 0

A small churchyard with a decent amount of grass which was however very wet. This site is more of interest for mycorrhizal fungi with Sitka Spruce and Birch the main hosts. Notable species found were Cortinarius mucifluus and Pseudohydnum gelatinosum.

Cortinarius cinnamomeus	Cinnamon Webcap
Cortinarius mucifluus	Slimy Webcap
Entoloma conferendum	Star Pinkgill
Entoloma jubatum	Sepia Pinkgill
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Lactarius deterrimus	False Saffron Milkcap
Lactarius pubescens	Bearded Milkcap
Leccinum scabrum var. scabrum	Brown Birch Bolete
Melanoleuca polioleuca f. polioleuca	Common Cavalier
Phragmidium violaceum	Violet Bramble Rust
Pseudohydnum gelatinosum	Jelly Tooth
Russula queletii	Fruity Brittlegill

Site: **Ben Lettery**

Date Visited: 02/11/2010 ***Grid Reference:*** L776484

Hygrocybe: 9 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

The area surveyed was the upland acid grassland behind the Youth Hostel. The best grassland was over the first ridge and finished at a fence that contoured below the steeper wet and rocky slopes of Ben Lettery. The weather was awful with driving rain which curtailed the survey and there will be more species found here.

Amanita rubescens var. rubescens	Blusher
Armillaria gallica	Bulbous Honey Fungus
Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe fornicata	Earthy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Mycena adonis var. adonis	Scarlet Bonnet
Tricholoma album	White Knight

L75

Sites Searched: Kylemore Abbey

Hygrocybe: 10 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

This should be a much better square and appalling weather curtailed survey work here. Acid grassland at Cregg (L715524), the south sides of Kylemore and Pollacappoul Loughs (L761578) and the upper reaches of the Gleninagh River valley at L796538 offer the best possibilities.

Grassland Target Species Recorded

Clavulinopsis helvola
Hygrocybe chlorophana

Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe flavipes
Hygrocybe laeta var. laeta
Hygrocybe mucronella
Hygrocybe persistens var. persistens
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe virginea var. virginea

Site Reports

Site: **Currywongaun**

Date Visited: 01/11/2010 ***Grid Reference:*** L718594

Hygrocybe: 5 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

This site was visited in failing light and given the lack of time, survey was restricted to looking over walls. There is undoubtedly more species to be found here and I would guess from fruiting patterns observed that the site would hold about 10 species.

Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap

Site: **Kylemore Abbey**

Date Visited: 01/11/2010 ***Grid Reference:*** L747583

Hygrocybe: 6 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

In terms of grassland fungi, Kylemore Abbey was not so interesting with only 6 species recorded but in terms of woodland fungi, it is of high interest. The waxcaps were sometimes found in the woodland, e.g. Hygrocybe mucronella, H.chlorophana, H.conica and H.persistens. The grass in the Victorian Walled Garden and the lawns around the Gothic church were of minimal interest for waxcaps.

Fungi were abundant in the woodland and with the mix of trees, this site offers a great deal of interest. Species of note include Tricholoma terreum, Lacrymaria pyrotricha and Inocybe grammata which is the first record for Ireland. This species is noted by being a large Inocybe (cap to 4.5cms), the pink tinges in the cap which has a central white umbo, the pruinous stipe with a marginate bulb and the spores with obtuse nodules.

Armillaria gallica	Bulbous Honey Fungus
Armillaria mellea	Honey Fungus
Clavulina rugosa	Wrinkled Club
Clavulinopsis helvola	Yellow Club
Clitocybe geotropa	Trooping Funnel
Clitocybe nebularis	Clouded Funnel
Coprinopsis atramentaria	Common Inkcap
Hebeloma sinapizans	Bitter Poisonpie
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe flavipes	Yellow Foot Waxcap
Hygrocybe mucronella	Bitter Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypholoma fasciculare	Sulphur Tuft
Inocybe geophylla var. geophylla	White Fibrecap
Inocybe grammata	
Inocybe praetervisa	
Laccaria laccata	Deceiver
Lacrymaria lacrymabunda	Weeping Widow
Lacrymaria pyrotricha	
Lactarius deterrimus	False Saffron Milkcap
Lactarius glyciosmus	Coconut Milkcap
Lactarius pyrogalus	Fiery Milkcap
Lactarius serifluus	Watery Milkcap
Leotia lubrica	Jellybaby
Lycoperdon pyriforme	Stump Puffball
Melampsoridium betulinum	Birch Rust
Panaeolina foenisecii	Brown Mottlegill
Polyporus squamosus	Dryad's Saddle

Rhytisma acerinum	Sycamore Tarspot
Russula delica	Milk White Brittlegill
Russula ochroleuca	Ochre Brittlegill
Russula sanguinaria	Bloody Brittlegill
Stereum hirsutum	Hairy Curtain Crust
Suillus bovinus	Bovine Bolete
Trametes gibbosa	Lumpy Bracket
Tricholoma scalpturatum	Yellowing Knight
Tricholoma terreum	Grey Knight
Xylaria hypoxylon	Candlesnuff Fungus

L76

Sites Searched: Killary Harbour: Foher; Carrickduff Beach

Hygrocybe: 17 ***Clavariaceae:*** 2 ***Entoloma:*** 2 ***Geoglossaceae:*** 3 ***Others:*** 0

The slopes along Killary Harbour are very good and actually some of the fields to the south of where we got to before light meant we should return should without doubt be searched. These are at L793636. The northern slopes of Benchoona could also be interesting.

Grassland Target Species Recorded

Clavulinopsis helvola
Clavulinopsis luteoalba
Entoloma conferendum
Entoloma corvinum
Geoglossum cookeanum
Geoglossum umbratile
Trichoglossum hirsutum
Hygrocybe aurantiosplendens
Hygrocybe chlorophana
Hygrocybe citrinovirens
Hygrocybe coccinea
Hygrocybe colemanniana
Hygrocybe conica var. conica
Hygrocybe conica var. conicoides
Hygrocybe irrigata
Hygrocybe laeta var. laeta
Hygrocybe persistens var. persistens
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe splendidissima
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea
Hygrocybe vitellina

Site Reports

Site: **Carrickduff Beach**

Date Visited: 05/11/2010 ***Grid Reference:*** L758643

Hygrocybe: 3 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 2 ***Others:*** 0

The typical machair species of waxcap were found here along with carpets of Geoglossum cookeanum. Psathyrella ammophila was found in the sand amongst the marram grass for the first time and the small ascomycete Ascobolus carbonarius was found on a bonfire site.

Ascobolus carbonarius	
Geoglossum cookeanum	
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Psathyrella ammophila	Dune Brittlestem
Trichoglossum hirsutum	Hairy Earthtongue

Site: **Killary Harbour: Foher**

Date Visited: 05/11/2010 ***Grid Reference:*** L758643

Hygrocybe: 16 ***Clavariaceae:*** 2 ***Entoloma:*** 2 ***Geoglossaceae:*** 2 ***Others:*** 0

The Famine Road was walked from the north end between the quay at L771648 to L787639. Some very good looking fields were not reached before lack of light meant that we had to turn back but by this time, an impressive range of species had been found. The most notable records were of Hygrocybe vitellina, noted by its small umbilicate cap and viscid gill edge, Hygrocybe citrinovirens and H.aurantiosplendens. H.punicea was present in huge quantities again.

Clavulinopsis helvola	Yellow Club
Clavulinopsis luteoalba	Apricot Club
Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Entoloma corvinum	
Geoglossum umbratile	Plain Earthtongue
Hygrocybe aurantiosplendens	Orange Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe citrinovirens	Citrine Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe irrigata	Slimy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Hygrocybe vitellina	
Mycena flavoalba	Ivory Bonnet
Panaeolus acuminatus	Dewdrop Mottlegill
Psilocybe semilanceata	Liberty Cap
Rhopographus filicinus	Bracken Map
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue
Trochila ilicina	Holly Speckle

L80

Sites Searched: Inis Mór: Dun Aonghasa, Dun Dúchathair

Hygrocybe: 6 ***Clavariaceae:*** 1 ***Entoloma:*** 3 ***Geoglossaceae:*** 1 ***Others:*** 0

Finding good waxcap fields in the Aran Islands is like finding a needle in a haystack. Management varies greatly between fields from unimproved to improved to abandoned. The larger areas of pavement along the south western cliffs are likely to be of more interest but fruiting was very sparse. This is often typical on limestone possibly due to the thin nature of the soils meaning there is not so much dead organic material for the fungi to live on.

Quite why the large areas of short sward grassland amongst the pavement around Dun Dúchathair were so poor is a mystery as they are highly unlikely to have received fertiliser in the past. This visit probably was not as the main fruiting period. The higher area around the lighthouse and the beach around An Tra Mhor were not searched.

Grassland Target Species Recorded

Clavulinopsis helvola
Entoloma bloxamii
Entoloma corvinum
Entoloma infula
Trichoglossum hirsutum
Hygrocybe colemanniana
Hygrocybe conica var. conica
Hygrocybe persistens var. persistens
Hygrocybe pratensis var. pratensis
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Inis Mór: Dun Aonghasa**

Date Visited: 25/10/2010 ***Grid Reference:*** L822101

Hygrocybe: 10 ***Clavariaceae:*** 1 ***Entoloma:*** 2 ***Geoglossaceae:*** 1 ***Others:*** 0

As the site is split across the squares L80 and L81, for site report, see L81

Agaricus urinascens	Macro Mushroom
Bolbitius titubans	Yellow Fieldcap
Clavulinopsis helvola	Yellow Club
Clitocybe dealbata	Ivory Funnel
Collybia dryophila	Russet Toughshank
Entoloma corvinum	
Entoloma infula	
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Lepista panaeola	
Leucopaxillus giganteus	Giant Funnel
Marasmius oreades	Fairy Ring Champignon
Melanoleuca friesii	
Panaeolina foenisecii	Brown Mottlegill
Panaeolus acuminatus	Dewdrop Mottlegill
Phragmidium violaceum	Violet Bramble Rust
Rhytisma acerinum	Sycamore Tarspot
Stropharia pseudocyanea	Peppery Roundhead
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue

Site: **Inis Mór: Dun Dúchathair**

Date Visited: 25/10/2010 ***Grid Reference:*** L867094

Hygrocybe: 1 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

Quite why this site was so bereft of grassland fungi is a mystery. There is sufficient unfertilised grassland with a low sward in between the pavement blocks that I would have thought that more species would have been found. It is possible that the depth of soil was too thin or that the main fruiting had or had not happened yet. The presence of Entoloma bloxamii indicates that conditions are good.

Bovista nigrescens	Brown Puffball
Clavulinopsis helvola	Yellow Club
Collybia dryophila	Russet Toughshank
Entoloma bloxamii	Big Blue Pinkgill
Hygrocybe virginea var. virginea	Snowy Waxcap
Panaeolina foenisecii	Brown Mottlegill
Panaeolus papilionaceus var. papilionaceus	Petticoat Mottlegill
Stropharia semiglobata	Dung Roundhead
Vascellum pratense	Meadow Puffball

L81

Sites Searched: Inis Mór: Dun Aonghasa, Fearann an Chorice School, Kilronan Church

Hygrocybe: 8 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

For other comments on Inis Mór, see L80. The western areas of this square around Dun Eoghanachta and the churches at Eoghanacht were not searched.

Grassland Target Species Recorded

Clavulinopsis helvola
Entoloma poliopus var. poliopus
Geoglossum cookeanum
Hygrocybe chlorophana

Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe nitrata
Hygrocybe pratensis var. pratensis
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Inis Mór: Dun Aonghasa**

Date Visited: 25/10/2010 ***Grid Reference:*** L822101

Hygrocybe: 10 ***Clavariaceae:*** 1 ***Entoloma:*** 2 ***Geoglossaceae:*** 1 ***Others:*** 0

The site is split across the squares L80 and L81 and includes the fields surrounding the walk up to Dun Aonghasa and those surrounding the fort. The main areas of interest were one lower field and the fields directly to the north west of the fort including the chemin des frises. A number of common species like H.insipida, H.chlorophana and H.psittacina were not found hence this is likely to be a much better site. Notable species found were H.nitrata, H.colemanniana and H.persistens.

Agaricus urinascens	Macro Mushroom
Bolbitius titubans	Yellow Fieldcap
Clavulinopsis helvola	Yellow Club
Clitocybe dealbata	Ivory Funnel
Collybia dryophila	Russet Toughshank
Entoloma corvinum	
Entoloma infula	
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Lepista panaeola	
Leucopaxillus giganteus	Giant Funnel
Marasmius oreades	Fairy Ring Champignon
Melanoleuca friesii	
Panaeolina foenisecii	Brown Mottlegill
Panaeolus acuminatus	Dewdrop Mottlegill
Phragmidium violaceum	Violet Bramble Rust
Rhytisma acerinum	Sycamore Tarspot
Stropharia pseudocyanea	Peppery Roundhead
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue

Site: **Inis Mór: Fearann an Chorice School**

Date Visited: 25/10/2010 ***Grid Reference:*** L843102

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

A very small patch of grass with a lot of H.virginea and Geoglossum cookeanum. Unlikely to be of significant interest.

Geoglossum cookeanum	
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap

Site: **Inis Mór: Kilronan Church**

Date Visited: 25/10/2010 ***Grid Reference:*** L864102

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

A small patch of grass in front of the church. It may hold a few more species of interest but unlikely to be of significant interest.

Entoloma poliopus var. poliopus

Hygrocybe chlorophana	Golden Waxcap
Hypoxylon fuscum	Hazel Woodwart
Melanoleuca polioleuca f. polioleuca	Common Cavalier

L82

Sites Searched: Finish Island Bay

Hygrocybe: 4 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

A small area of mainland is within this square along with Lettermore and Gorumna Islands. Time restrictions prevented visits to the latter two islands which don't look too hopeful. They are flattish, wet and boggy with a dense population. The best area could be out towards Golam Head. The area around Finish Island Bay was restricted in area between the beach and the agricultural fields so is unlikely to have significant numbers of waxcaps. The best places for waxcaps in this square could well be the islands that are difficult to get to, e.g. Birmore Island, Illauneeragh, Inishbarra or Golam itself.

Grassland Target Species Recorded

Clavulinopsis helvola
Geoglossum cookeanum
Hygrocybe conica var. conicoides
Hygrocybe persistens var. persistens
Hygrocybe reidii
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Finish Island Bay**

Date Visited: 26/10/2010 ***Grid Reference:*** L808292

Hygrocybe: 4 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

The narrow strip of coastal grassland alongside the beach supported large numbers of a restricted range of species. These are the typical coastal species - Hygrocybe virginea, H. conica var. conicoides, H.persistens and Geoglossum cookeanum. The latter was particularly abundant.

Clavulinopsis helvola	Yellow Club
Geoglossum cookeanum	
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Panaeolus papilionaceus var. papilionaceus	Petticoat Mottlegill

L83

Sites Searched: Cnoc Mordáin: Derryrush

Hygrocybe: 3 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

Cnoc Mordáin is very wet and boggy. There may be some areas of grassland on the steep south eastern slopes but the weather was particularly bad when we visited and much of the slopes were not visible in the mist. They could well be too wet as indicated by the soaking wet fields we visited at Derryrush. The churchyards in the square were of no interest.

Grassland Target Species Recorded

Geoglossum cookeanum
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina

Site Reports

Site: **Cnoc Mordáin: Derryrush**

Date Visited: 26/10/2010 ***Grid Reference:*** L889388

Hygrocybe: 0 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

The fields alongside the small road at Derryrush end at the edge of the blanket bog leading up to the peak of Cnoc Mordáin. The fields are extremely wet and acidic and it was surprising that even three waxcaps were found in such conditions.

Coprobia granulata

Geoglossum cookeanum	
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrophoropsis aurantiaca	False Chanterelle
Hypoxylon fuscum	Hazel Woodwart
Mycena epipterygia	Yellowleg Bonnet
Phragmidium violaceum	Violet Bramble Rust
Rhytisma salicinum	
Trochila ilicina	Holly Speckle

L84

Sites Searched: Cashel Hill: Lower Slopes; Cashel: St James's Church; Recess Church;

Hygrocybe: 15 ***Clavariaceae:*** 3 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 1

This is generally a very wet boggy square but the few areas of acid grassland can be rich. Cashel Hill, the Western Way path up towards at L896497, the steep slopes of Lop Rock (L491498) and the commanage at Lissoughter (L860494) are the only real significant possibilities with the former two being visited.

Grassland Target Species Recorded

Clavaria fragilis
Clavulinopsis helvola
Clavulinopsis luteoalba
Dermoloma cuneifolium var. cuneifolium
Entoloma jubatum
Geoglossum fallax
Hygrocybe calyptriformis
Hygrocybe cantharellus
Hygrocybe ceracea
Hygrocybe chlorophana
Hygrocybe conica var. conica
Hygrocybe insipida
Hygrocybe irrigata
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe splendidissima
Hygrocybe virginea var. virginea

Site Reports

Site: **Cashel Hill: Lower Slopes**

Date Visited: 28/10/2010 ***Grid Reference:*** L804428

Hygrocybe: 13 ***Clavariaceae:*** 3 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

This site includes the marginal fields alongside the track up to the graveyard at L807429. The best area was the graveyard itself and the semi-abandoned fields surrounding the graveyard. Bracken is invading some of these fields and others are very wet but waxcap interest is hanging on. This is unlikely to be very much better than found here and I was amazed to find Hygrocybe calyptriformis in such a wet poached field. The feeling was of waxcaps hanging on here rather than flourishing.

Clavaria fragilis	White Spindles
Clavulinopsis helvola	Yellow Club
Clavulinopsis luteoalba	Apricot Club
Clitocybe fragrans	Fragrant Funnel
Collybia butyracea f. butyracea	Butter Cap
Cystoderma amianthinum	Earthy Powdercap
Hebeloma velutipes	
Helvella atra	
Hygrocybe calyptriformis	Pink Waxcap
Hygrocybe ceracea	Butter Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap

Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypoxylon fuscum	Hazel Woodwart
Lactarius mitissimus	Orange Milkcap
Lactarius pubescens	Bearded Milkcap
Leptosphaeria acuta	Nettle Rash
Melampsoridium betulinum	Birch Rust
Panaeolus papilionaceus var. papilionaceus	Petticoat Mottlegill
Phragmidium violaceum	Violet Bramble Rust
Rhopographus filicinus	Bracken Map
Rhytisma acerinum	Sycamore Tarspot
Stereum rugosum	Bleeding Broadleaf Crust
Stropharia pseudocyanea	Peppery Roundhead

Site: **Cashel: St James's Church**

Date Visited: 28/10/2010 ***Grid Reference:*** L803424

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

A small steep churchyard with a good amount of grass but minimal species of interest.

Armillaria gallica	Bulbous Honey Fungus
Entoloma jubatum	Sepia Pinkgill
Hygrocybe conica var. conica	Blackening Waxcap
Panaeolina foenisecii	Brown Mottlegill

Site: **Derryvealawauma**

Date Visited: 29/10/2010 ***Grid Reference:*** L892495

Hygrocybe: 7 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 1 ***Others:*** 0

The areas surveyed were the small areas of grassland at the car park on the Western Way leading up to Maumeen and by the gate 200 m from the car park. Areas higher up the hill are of possible interest but driving rain and mist made survey difficult.

Arrhenia acerosa	Moss Oysterling
Geoglossum fallax	
Hygrocybe cantharellus	Goblet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe irrigata	Slimy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypholoma elongatum	Sphagnum Brownie
Mycena flavoalba	Ivory Bonnet
Stropharia semiglobata	Dung Roundhead

Site: **Recess: Roman Catholic Church**

Date Visited: 29/10/2010 ***Grid Reference:*** L870475

Hygrocybe: 0 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 1

A very small area of grass supporting only Dermoloma cuneifolium.

Dermoloma cuneifolium var. cuneifolium	Crazed Cap
Mycena pura	Lilac Bonnet

L85

Sites Searched: Tallaghnamuinga; Ballynaboleyglassa

Hygrocybe: 9 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

Huge areas of blanket bog and high mountain dominant this square with acid grassland being linked to man and farms. The areas surveyed were not particularly rich and this square should be much better. Other areas that are worth looking at are the western facing slopes of Derryclare Mountain at L809501, the north eastern facing slopes of Knockpasheemore at L809553 or the marginal fields at Derryvoreada at L882514.

Grassland Target Species Recorded

Clavulinopsis helvola
Entoloma conferendum
Trichoglossum hirsutum
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe reidii
Hygrocybe splendidissima
Hygrocybe virginea var. virginea

Site Reports

Site: **Ballynaboleyglassa**

Date Visited: 29/10/2010 ***Grid Reference:*** L857595

Hygrocybe: 4 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A small area of grassland by a footbridge over a river. River banks are often possible waxcap areas as the rock strewn river bank is grassy rather than boggy.

Clavulinopsis helvola	Yellow Club
Cystoderma amianthinum	Earthy Powdercap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe reidii	Honey Waxcap
Mycena epipterygia	Yellowleg Bonnet

Site: **Tallaghnamuinga**

Date Visited: 29/10/2010 ***Grid Reference:*** L841557

Hygrocybe: 9 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

From the aerial photographs, this looked an intriguing area of abandoned fields in an ocean of bog. However although it was abandoned as a place to live, it was not abandoned in terms of agricultural improvement and a quad was parked with bags of fertiliser on it. The grassland was also soaking wet with large amounts of sphagnum in the sward. The waxcaps were hard to find and largely restricted to grassed over walls - areas of better drainage. This site is unlikely to be much better than 9-12 waxcaps.

Clavulinopsis helvola	Yellow Club
Cystoderma granulosum	
Entoloma conferendum	Star Pinkgill
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Mycena adonis var. adonis	Scarlet Bonnet
Panaeolus acuminatus	Dewdrop Mottlegill
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue
Tricholomopsis rutilans	Plums and Custard

L86

Sites Searched: Killary Harbour: Letterettrin

Hygrocybe: 13 ***Clavariaceae:*** 2 ***Entoloma:*** 0 ***Geoglossaceae:*** 2 ***Others:*** 0

A good square with a number of potential sites. Sites not surveyed that would be worth a visit are the steep north facing slopes of the Maumturks above Leenane and also the grassy glacial moraines along the Leenane - Maam road (R336) at Culliagh More. Indeed this whole valley looks promising.

Grassland Target Species Recorded

Clavulinopsis fusiformis
Clavulinopsis helvola
Geoglossum fallax
Geoglossum glutinosum
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe conica var. conica
Hygrocybe irrigata
Hygrocybe laeta var. laeta
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe splendidissima
Hygrocybe virginea var. virginea

Site Reports

Site: **Killary Harbour: Letterettrin**

Date Visited: 29/10/2010 ***Grid Reference:*** L805626

Hygrocybe: 13 ***Clavariaceae:*** 2 ***Entoloma:*** 0 ***Geoglossaceae:*** 2 ***Others:*** 0

This site has a lot of potential and is definitely worth a further visit as failing light restricted the visit. We walked from L815619 to the best area at L802632. The whole site was of interest but at L802632, the best areas were the fields below the road alongside the loughshore. The track continues for some miles along the loughshore and the whole area is worth surveying. One notable species found was Stropharia albonitens which was found for the first time in Ireland on the 2009 waxcap survey in West Donegal.

Aleuria aurantia	Orange Peel Fungus
Amanita muscaria	Fly Agaric
Armillaria gallica	Bulbous Honey Fungus
Clavulinopsis fusiformis	Golden Spindles
Clavulinopsis helvola	Yellow Club
Cystoderma amianthinum	Earthy Powdercap
Geoglossum fallax	
Geoglossum glutinosum	
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe irrigata	Slimy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe splendidissima	Splendid Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Laccaria laccata	Deceiver
Lactarius pubescens	Bearded Milkcap
Lactarius pyrogalus	Fiery Milkcap
Leccinum scabrum var. scabrum	Brown Birch Bolete
Melampsoridium betulinum	Birch Rust
Melanoleuca polioleuca f. polioleuca	Common Cavalier
Panaeolus papilionaceus var. papilionaceus	Petticoat Mottlegill
Phragmidium violaceum	Violet Bramble Rust
Russula nigricans	Blackening Brittlegill
Russula versicolor	Variable Brittlegill
Stropharia albonitens	
Stropharia pseudocyanea	Peppery Roundhead
Stropharia semiglobata	Dung Roundhead
Tricholoma fulvum	Birch Knight
Tricholomopsis rutilans	Plums and Custard

L90

Sites Searched: Inis Meáin

Hygrocybe: 15 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

Inis Oírr and the machair at Dogs Head on Inis Mór are the only bits of land in this square and both should be surveyed.

Grassland Target Species Recorded

Clavulinopsis corniculata
Entoloma serrulatum
Geoglossum cookeanum
Trichoglossum hirsutum
Hygrocybe aurantiosplendens
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe colemanniana
Hygrocybe conica var. conica
Hygrocybe conica var. conicoides
Hygrocybe fornicata
Hygrocybe insipida
Hygrocybe mucronella
Hygrocybe nitrata
Hygrocybe persistens var. persistens
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe russocoriacea
Hygrocybe virginea var. fuscescens
Hygrocybe virginea var. virginea

Site Reports

Site: **Inis Meáin**

Date Visited: 03/11/2010 ***Grid Reference:*** L931048

Hygrocybe: 15 ***Clavariaceae:*** 1 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

Typical of the best calcareous grasslands, the island was rich in waxcap diversity but they were few and far between and fruiting was scattered. As access onto open ground or the fields is limited on Inis Meáin, there was a lot of looking over walls but the areas of most interest were the pavement around Synge's Chair at L922050, Dun Chonchúir, the fields to the south of the island and the beach areas at Tra Leitreach (L949048). I would concentrate future survey work to the southern fields. The notable species found were Hygrocybe nitrata and Hygrocybe aurantiosplendens.

Agaricus silvaticus	Blushing Wood Mushroom
Bolbitius titubans	Yellow Fieldcap
Clavulinopsis corniculata	Meadow Coral
Clitocybe fragrans	Fragrant Funnel
Collybia dryophila	Russet Toughshank
Coprobia granulata	
Entoloma serrulatum	Blue Edge Pinkgill
Geoglossum cookeanum	
Hygrocybe aurantiosplendens	Orange Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe conica var. conicoides	Dune Waxcap
Hygrocybe fornicata	Earthy Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe mucronella	Bitter Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe persistens var. persistens	Persistent Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. fuscescens	
Hygrocybe virginea var. virginea	Snowy Waxcap
Lepista nuda	Wood Blewit
Leptosphaeria acuta	Nettle Rash
Melanoleuca polioleuca f. polioleuca	Common Cavalier

Phragmidium violaceum	Violet Bramble Rust
Puccinia lagenophorae	
Rhopographus filicinus	Bracken Map
Rhytisma acerinum	Sycamore Tarspot
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue
Vascellum pratense	Meadow Puffball

L92

Sites Searched: Rossaveel Church;

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

A square unlikely to have many waxcaps. Coral Strand near Carrowroe (L913234) may be worth a visit.

Grassland Target Species Recorded

Site Reports

Site: **Rossaveel Church**

Date Visited: 25/10/2010 ***Grid Reference:*** L973257

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

This churchyard is set in large grounds with many mature trees mainly pine. Mycorrhizal fungi were good with Russula sardonia, Suillus luteus, Lactarius deliciosus and Inocybe mixtilis found. Grassland fungi were of lesser interest but it is likely that there are more to be found.

L93

Sites Searched: Pierse's Cottage, Furnace Bridge Church

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

Another difficult square being low lying wet and densely populated. Annaghvaan golf course at L911311 maybe the best hope.

Grassland Target Species Recorded

Entoloma conferendum
Trichoglossum hirsutum
Hygrocybe virginea var. virginea

Site Reports

Site: **Furnace Bridge Church**

Date Visited: 02/11/2010 ***Grid Reference:*** L970371

Hygrocybe: 0 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 0

A small area of grassland that should support more species but no waxcaps were found at all.

Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Rhytisma acerinum	Sycamore Tarspot

Site: **Pierse's Cottage**

Date Visited: 29/10/2010 ***Grid Reference:*** L922385

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A small area of grassland around the cottage. Quite possibly much better but as the cottage was locked, I could not get into survey and was restricted to a tiny patch of grass outside the cottage.

Hygrocybe virginea var. virginea	Snowy Waxcap

Site: **Rosmuc**

Date Visited: 06/11/2010 ***Grid Reference:*** L922385

Hygrocybe: 0 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

There are patches of grassland in the Rosmuc area with scattered interest. These included earth tongues on the grass growing in the middle of the road, domestic gardens and fields. The Roman Catholic church at Middle Village was not of interest.

Entoloma conferendum	Star Pinkgill
Laccaria laccata	Deceiver
Panaeolina foenisecii	Brown Mottlegill
Rhytisma acerinum	Sycamore Tarspot
Taphrina alni	Alder Tongue
Trichoglossum hirsutum	Hairy Earthtongue

L94

Sites Searched: Shannaunnafeola

Hygrocybe: 3 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

A difficult square with much of it being far too boggy and wet for waxcaps. The small areas of disturbed grassland alongside the roads are one possible habitat but other areas include patches on the far side of Lough Maumwee at L979486, the northern slopes of Shannavara at L931449, a small ruin at L973448 (but I couldn't work out how to get across the river) and the western slopes of Gattaedmondweeny at L997404.

Grassland Target Species Recorded

Entoloma sericellum
Geoglossum fallax
Hygrocybe conica var. conica
Hygrocybe fornicata
Hygrocybe psittacina var. psittacina

Site Reports

Site: **Shannaunnafeola**

Date Visited: 04/11/2010 ***Grid Reference:*** L964499

Hygrocybe: 3 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

The slopes of Shannaunnafeola are very wet and boggy and any waxcap interest is confined to small areas of acid grassland around rocky outcrops or as in this case disturbed ground around a carpark for hill walkers. These patches are extremely small and limited.

Entoloma sericellum	Cream Pinkgill
Geoglossum fallax	
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe fornicata	Earthy Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap

L95

Sites Searched: Currarevagh

Hygrocybe: 10 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

This square should be really good and the site surveyed was definitely not one of its best. The slopes of Bunnacunneen were the targeted site but signs about guard dogs and atrocious weather did not bode well and it was not surveyed. The slopes of Rinavore on the other side of the valley also look good as do the slopes at Breenaun (L931558), Cur at L932553, Drishaghaun at L993560 and the southern shores of Lough Nafooey. The weather was terrible with driving rain and flooding making driving difficult and if it had been better, I am sure this could have been one of the best squares.

Grassland Target Species Recorded

Entoloma conferendum
Geoglossum atropurpureum
Geoglossum umbratile
Hygrocybe chlorophana
Hygrocybe conica var. conica
Hygrocybe flavipes
Hygrocybe insipida
Hygrocybe irrigata

Hygrocybe laeta var. laeta
Hygrocybe psittacina var. psittacina
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Currarevagh**

Date Visited: 04/11/2010 ***Grid Reference:*** L943593

Hygrocybe: 10 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 2 ***Others:*** 0

The northern slopes of Currarevagh are quite wet and waxcap interest is largely confined to the acid grassland around the roadsides. This is actually quite extensive and a notable species found was Geoglossum atropurpureum.

Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Geoglossum atropurpureum	Dark-purple Earthtongue
Geoglossum umbratile	Plain Earthtongue
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe flavipes	Yellow Foot Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe irrigata	Slimy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Stropharia semiglobata	Dung Roundhead

L96

Sites Searched: Cummer

Hygrocybe: 9 ***Clavariaceae:*** 0 ***Entoloma:*** 1 ***Geoglossaceae:*** 1 ***Others:*** 0

In such terrible weather, I couldn't see up into the high valleys to the north of Lough Nafooey to work out if they could be possible sites or not and although they are probably very wet, they could be worth exploring. Some patches of acid grassland on the slopes at L981604 and possibly some of the steep slopes at the far end of Lough Nadirkmore would be worth looking at.

Grassland Target Species Recorded

Entoloma conferendum
Trichoglossum hirsutum
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe colemanniana
Hygrocybe conica var. conica
Hygrocybe laeta var. laeta
Hygrocybe psittacina var. psittacina
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Cummer**

Date Visited: 04/11/2010 ***Grid Reference:*** L998601

Hygrocybe: 15 ***Clavariaceae:*** 1 ***Entoloma:*** 2 ***Geoglossaceae:*** 1 ***Others:*** 0

The site is split across the squares M06 and L96. An odd site consisting of disturbed ground beside the road from L998601 to natural acid grassland at M003602. The grassland was not extensive so it was surprising to get so many species. In addition notable species like Hygrocybe nitrata and Entoloma bloxamii and normally calcareous species like H.colemanniana and H.mucronella was additionally surprising. Rocks used to shore up the road were possibly limestone.

Clavulinopsis fusiformis	Golden Spindles
Cystoderma amianthinum	Earthy Powdercap
Entoloma bloxamii	Big Blue Pinkgill
Entoloma conferendum	Star Pinkgill

Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe mucronella	Bitter Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Mycena adonis var. adonis	Scarlet Bonnet
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue

M02

Sites Searched: Cartron Church; Inverin Church

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A very difficult square with the northern half being very boggy and the coastal fringe being well populated. With churchyards being poor, the best areas will be small rocky patches in fields and domestic lawns. Tramore and some of the grassland around Inverin airport maybe worth a look.

Grassland Target Species Recorded

Hygrocybe virginea var. virginea

Site Reports

Site: **Cartron Church**

Date Visited: 02/11/2010 ***Grid Reference:*** M005216

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A small area of grassland that was very wet. A few more species will maybe be found but the site is unlikely to be significant.

Hygrocybe virginea var. virginea	Snowy Waxcap
Melanoleuca polioleuca f. polioleuca	Common Cavalier
Rhytisma acerinum	Sycamore Tarspot

Site: **Inverin Church**

Date Visited: 02/11/2010 ***Grid Reference:*** M026221

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A small area of grassland with only one waxcap. A few more species will maybe be found but the site is unlikely to be significant.

Clitocybe fragrans	Fragrant Funnel
Hygrocybe virginea var. virginea	Snowy Waxcap
Russula delica	Milk White Brittlegill

M05

Sites Searched: Benleavy, Clonbur: St Patrick's Church

Hygrocybe: 10 ***Clavariaceae:*** 2 ***Entoloma:*** 2 ***Geoglossaceae:*** 3 ***Others:*** 0

Benleavy is likely to be the best site in the square however the upland areas around Allintober, the north slopes of Bohaun, Teeranea and Petersburg House on the shores of Lough Mask with Allintober being particularly likely to be interesting. I have hiked on Kilmore Hill by Finny in the past and found Hygrocybe helobia so it could also be of interest.

Grassland Target Species Recorded

Clavaria argillacea
Clavulinopsis helvola
Camarophyllopsis schulzeri

Entoloma conferendum
Entoloma poliopus var. discolor
Geoglossum atropurpureum
Geoglossum fallax
Geoglossum umbratile
Hygrocybe chlorophana
Hygrocybe conica var. conica
Hygrocybe helobia
Hygrocybe irrigata
Hygrocybe laeta var. laeta
Hygrocybe nitrata
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Benleavy**

Date Visited: 27/10/2010 ***Grid Reference:*** M069539

Hygrocybe: 10 ***Clavariaceae:*** 2 ***Entoloma:*** 2 ***Geoglossaceae:*** 3 ***Others:*** 0

Benleavy is not as boggy as some of the more western hills and has significant areas of acid grassland. This was a frustrating visit in that some excellent species were found but a number of common ones were not. No red or orange waxcaps (H.punicea, H.coccinea, H.splendidissima, H.miniata, H.reidii) were found at all but rarer species like H.nitrata and the earth tongue, Geoglossum atropurpureum were. Camaraphyllopsis schulzeri was found for the first time in the Republic of Ireland. Hygrocybe irrigata was particularly common here. I have recorded Hygrocybe helobia from this site on an earlier visit bringing this site total up to 10. H.helobia is a species that is often found earlier in the year and has only been found once in this set of surveys which occur late in the season.This site is absolutely bound to be a much better one for grassland fungi.

Camarophyllopsis schulzeri	
Clavaria argillacea	Moor Club
Clavulinopsis helvola	Yellow Club
Cordyceps militaris	Scarlet Caterpillarclub
Cystoderma amianthinum	Earthy Powdercap
Entoloma conferendum	Star Pinkgill
Entoloma poliopus var. discolor	
Geoglossum atropurpureum	Dark-purple Earthtongue
Geoglossum fallax	
Geoglossum umbratile	Plain Earthtongue
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe helobia	
Hygrocybe irrigata	Slimy Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Mycena epipterygia	Yellowleg Bonnet
Panaeolus papilionaceus var. papilionaceus	Petticoat Mottlegill
Puccinia violae	

Site: **Clonbur: St Patrick's Church**

Date Visited: 27/10/2010 ***Grid Reference:*** M097558

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A good area of grass but it looks too chemical green to be of interest

Galerina vittiformis	Hairy Leg Bell
Hygrocybe virginea var. virginea	Snowy Waxcap
Melanoleuca polioleuca f. polioleuca	Common Cavalier

M06

Sites Searched: Cummer, Track to Lough Nadirkmore

Hygrocybe: 16 ***Clavariaceae:*** 2 ***Entoloma:*** 2 ***Geoglossaceae:*** 4 ***Others:*** 0

This was a very good square and without will be even better. It is not hard to find good sites here. We drove down the road to Glenbeg East at M041608 and all these northern slopes of Kilmore Mountain look very good. I could not find landowners to ask for permission to get onto the land and these hillsides should be prioritised for future survey. Another area that looks very well worth looking at are the southern slopes at Tonaglanna at M033646. A track winds north west which would give access and the area around the col looks very interesting.

Grassland Target Species Recorded

Clavulinopsis corniculata
Clavulinopsis fusiformis
Entoloma bloxamii
Entoloma conferendum
Geoglossum fallax
Geoglossum glutinosum
Geoglossum umbratile
Trichoglossum hirsutum
Hygrocybe cantharellus
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe colemanniana
Hygrocybe conica var. conica
Hygrocybe insipida
Hygrocybe laeta var. laeta
Hygrocybe mucronella
Hygrocybe nitrata
Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Cummer**

Date Visited: 04/11/2010 ***Grid Reference:*** L998601

Hygrocybe: 15 ***Clavariaceae:*** 1 ***Entoloma:*** 2 ***Geoglossaceae:*** 1 ***Others:*** 0

As the site is split across the squares M06 and L96, for site report, see L96

Clavulinopsis fusiformis	Golden Spindles
Cystoderma amianthinum	Earthy Powdercap
Entoloma bloxamii	Big Blue Pinkgill
Entoloma conferendum	Star Pinkgill
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe mucronella	Bitter Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Mycena adonis var. adonis	Scarlet Bonnet
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue

Site: **Track to Lough Nadirkmore**

Date Visited: 04/11/2010 ***Grid Reference:*** M021638

Hygrocybe: 12 ***Clavariaceae:*** 1 ***Entoloma:*** 0 ***Geoglossaceae:*** 4 ***Others:*** 0

This site consisted of acid grassland on either side of the track leading up to Lough Nadirkmore. Waxcap interest was fairly continuously scattered along the track but it did decrease in biomass as the track gained height. Hygrocybe

nitrata, H.mucronella and H.colemanniana were found, the latter two surprising due to the acidic nature of the area. Again, possible use of limestone grid for the track might be why these are here.

Clavulinopsis corniculata	Meadow Coral
Cystoderma amianthinum	Earthy Powdercap
Geoglossum fallax	
Geoglossum glutinosum	
Geoglossum umbratile	Plain Earthtongue
Hygrocybe cantharellus	Goblet Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe mucronella	Bitter Waxcap
Hygrocybe nitrata	Nitrous Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Mycena epipterygia	Yellowleg Bonnet
Mycena galericulata	Common Bonnet
Panaeolus acuminatus	Dewdrop Mottlegill
Phragmidium violaceum	Violet Bramble Rust
Stropharia pseudocyanea	Peppery Roundhead
Stropharia semiglobata	Dung Roundhead
Trichoglossum hirsutum	Hairy Earthtongue
Xylaria hypoxylon	Candlesnuff Fungus

M12

Sites Searched: Spiddal Church

Hygrocybe: 2 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

Very similar to M02. This is another very difficult square with the northern half being very boggy and the coastal fringe being well populated. With churchyards being poor, the best areas will be small rocky patches in fields and domestic lawns. The fields around Kerraunduff maybe worth a look.

Grassland Target Species Recorded

Hygrocybe insipida
Hygrocybe virginea var. virginea

Site Reports

Site: **Spiddal Church**

Date Visited: 02/11/2010 ***Grid Reference:*** M129222

Hygrocybe: 2 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A larger area of grass including the graveyard down to the sea. More than two species of waxcap are to be expected.

Hygrocybe insipida	Spangle Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Rhytisma acerinum	Sycamore Tarspot

M13

Sites Searched: Ross Lake Hotel

Hygrocybe: 7 ***Clavariaceae:*** 0 ***Entoloma:*** 2 ***Geoglossaceae:*** 0 ***Others:*** 0

Roscahill Church was also visited with no fungi found at all. Potentially some of the south west of Gortnandarragh Limestone pavement could be of interest. The hilly areas to the west of the square are unlikely to be of interest as they are too wet. Ross Castle demesne would be worth visiting however.

Grassland Target Species Recorded

Entoloma jubatum
Entoloma rhodopolium
Entoloma sericeum
Hygrocybe chlorophana
Hygrocybe coccinea
Hygrocybe laeta var. laeta

Hygrocybe pratensis var. pratensis
Hygrocybe psittacina var. psittacina
Hygrocybe punicea
Hygrocybe virginea var. virginea

Site Reports

Site: **Ross Lake House Hotel**

Date Visited: 24/10/2010 ***Grid Reference:*** M148387

Hygrocybe: 7 ***Clavariaceae:*** 0 ***Entoloma:*** 2 ***Geoglossaceae:*** 0 ***Others:*** 0

The lawns surrounding the hotel are not extensive but are interesting with H.punicea indicating that there are likely to be more species of interest. The mature trees provided a significant amount of woodland fungi interest.

Amanita rubescens var. rubescens	Blusher
Armillaria gallica	Bulbous Honey Fungus
Arrhenia acerosa	Moss Oysterling
Calocybe carnea	Pink Domecap
Chalciporus piperatus	Peppery Bolete
Clitocybe fragrans	Fragrant Funnel
Clitocybe nebularis	Clouded Funnel
Collybia butyracea f. butyracea	Butter Cap
Collybia confluens	Clustered Toughshank
Collybia dryophila	Russet Toughshank
Cortinarius largus	
Cystoderma amianthinum	Earthy Powdercap
Entoloma jubatum	Sepia Pinkgill
Entoloma rhodopolium	Wood Pinkgill
Entoloma sericeum	Silky Pinkgill
Ganoderma australe	Southern Bracket
Hebeloma velutipes	
Hydnum repandum	Wood Hedgehog
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe coccinea	Scarlet Waxcap
Hygrocybe laeta var. laeta	Heath Waxcap
Hygrocybe pratensis var. pratensis	Meadow Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe punicea	Crimson Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypholoma fasciculare	Sulphur Tuft
Inocybe geophylla var. geophylla	White Fibrecap
Inocybe geophylla var. lilacina	Lilac Fibrecap
Laccaria amethystina	Amethyst Deceiver
Laccaria laccata	Deceiver
Lactarius blennius	Beech Milkcap
Lactarius fluens	
Lactarius serifluus	Watery Milkcap
Lactarius subdulcis	Mild Milkcap
Leotia lubrica	Jellybaby
Lepista nuda	Wood Blewit
Lyophyllum decastes	Clustered Domecap
Phragmidium violaceum	Violet Bramble Rust
Piptoporus betulinus	Birch Polypore
Psilocybe semilanceata	Liberty Cap
Rhytisma acerinum	Sycamore Tarspot
Russula cyanoxantha	Charcoal Burner
Russula fellea	Geranium Brittlegill
Russula nobilis	Beechwood Sickener
Russula ochroleuca	Ochre Brittlegill
Scleroderma citrinum	Common Earthball
Tricholoma ustale	Burnt Knight
Xylaria hypoxylon	Candlesnuff Fungus

M14

Sites Searched: Gortnandarragh Limestone Pavement, Kilcummin Parish Church (Oughterard), Aughnanane Castle

Hygrocybe: 4 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

Gortnandarragh Limestone Pavement is the largest area of semi-natural grassland although much is actually bare limestone. The grass in between the grikes is often deep or dominated by Juniperus communis so it is not ideal for

waxcaps. Patches of grassland will be of interest and are likely to hold more waxcaps that those found. For the rest of the square, gardens are likely to be the best habitats.

Grassland Target Species Recorded

Hygrocybe colemanniana
Hygrocybe conica var. conica
Hygrocybe russocoriacea
Hygrocybe virginea var. fuscescens
Hygrocybe virginea var. ochraceopallida
Hygrocybe virginea var. virginea

Site Reports

Site: **Gortnandarragh Limestone Pavement**

Date Visited: 24/10/2010 ***Grid Reference:*** M198402

Hygrocybe: 4 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

This site actually crosses into 4 10km squares but parts in the southern two squares were not visited as they are more boggy, dense hazel woodland or access is more difficult. The areas of open limestone pavement were visited but were relatively unproductive but noted by Hygrocybe colemanniana, a species typical of calcareous grassland. Much of the grassier areas between the pavement were deeper grass or dominated by Juniperus communis. The number of berry bearing plants was notable. The Entoloma jennyi site was visited but it was not refound. It was found at the edge of the limestone pavement and bog within Calluna at M204400.

Clitocybe fragrans	Fragrant Funnel
Clitocybe nebularis	Clouded Funnel
Collybia dryophila	Russet Toughshank
Coprobia granulata	
Cystoderma amianthinum	Earthy Powdercap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. fuscescens	
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypoxylon fuscum	Hazel Woodwart
Lycoperdon lividum	Grassland Puffball
Melanoleuca polioleuca f. polioleuca	Common Cavalier
Mycena pura	Lilac Bonnet
Phragmidium violaceum	Violet Bramble Rust
Stropharia semiglobata	Dung Roundhead
Vascellum pratense	Meadow Puffball

Site: **Oughterard: Kilcummin Parish Church**

Date Visited: 24/10/2010 ***Grid Reference:*** M120427

Hygrocybe: 1 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

Only one species of waxcap was found. This is a wooded churchyard with numerous mature beech and yew hence the grass is not deep and mossy. Unlikely to be of significant interest.

Armillaria gallica	Bulbous Honey Fungus
Armillaria mellea	Honey Fungus
Ganoderma australe	Southern Bracket
Hebeloma crustuliniforme	Poisonpie
Hygrocybe virginea var. virginea	Snowy Waxcap
Inocybe geophylla var. lilacina	Lilac Fibrecap
Lactarius blennius	Beech Milkcap
Mycena pura	Lilac Bonnet
Rhytisma acerinum	Sycamore Tarspot

M15

Sites Searched: Ashford Castle, Cong Abbey

Hygrocybe: 11 ***Clavariaceae:*** 3 ***Entoloma:*** 1 ***Geoglossaceae:*** 0 ***Others:*** 1

Ashford Castle is without doubt the best site in this lowland square. The old canal cutting by Cong, Cong Abbey and churches were also searched without any success.

Grassland Target Species Recorded

Clavulinopsis helvola
Clavulinopsis laeticolor
Clavulinopsis luteoalba
Dermoloma cuneifolium var. cuneifolium
Entoloma conferendum
Hygrocybe calyptriformis
Hygrocybe ceracea
Hygrocybe chlorophana
Hygrocybe conica var. conica
Hygrocybe glutinipes var. glutinipes
Hygrocybe insipida
Hygrocybe psittacina var. psittacina
Hygrocybe quieta
Hygrocybe reidii
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Ashford Castle**

Date Visited: 27/10/2010 ***Grid Reference:*** M148545

Hygrocybe: 11 ***Clavariaceae:*** 3 ***Entoloma:*** 2 ***Geoglossaceae:*** 0 ***Others:*** 1

The lawns to the rear of the Castle facing Lough Corrib are of high waxcap potential. Notably Hygrocybe calyptriformis was found here but the feeling was that this should be much better than the 11 species found and that this was too early for the main fruiting. The lawn on either side of the formal woodland walks was not so interesting for waxcaps as it was too wet however these were of high interest for ectomycorrhizal fungi. Lactarius salmonicolor is a first Irish record and was found in high abundance. It is the only Lactarius with carrot coloured milk found under Abies. Amanita battarrae is also the first record for Ireland although there is a record for A.umbrinolutea from Northern Ireland. There is debate as to if these are separate species or varieties. The Death Cap, Amanita phalloides, was also found twice both under conifers. Although not particularly rare, it is notable due to its toxicity.

Agaricus campestris	Field Mushroom
Amanita battarrae	
Amanita phalloides	Deathcap
Armillaria gallica	Bulbous Honey Fungus
Armillaria mellea	Honey Fungus
Clavulina coralloides	Crested Coral
Clavulina rugosa	Wrinkled Club
Clavulinopsis helvola	Yellow Club
Clavulinopsis laeticolor	Handsome Club
Clavulinopsis luteoalba	Apricot Club
Clitocybe fragrans	Fragrant Funnel
Cortinarius croceus	
Cystoderma amianthinum	Earthy Powdercap
Dermoloma cuneifolium var. cuneifolium	Crazed Cap
Entoloma conferendum	Star Pinkgill
Hebeloma crustuliniforme	Poisonpie
Helvella crispa	White Saddle
Hygrocybe calyptriformis	Pink Waxcap
Hygrocybe ceracea	Butter Waxcap
Hygrocybe chlorophana	Golden Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe glutinipes var. glutinipes	Glutinous Waxcap
Hygrocybe insipida	Spangle Waxcap
Hygrocybe psittacina var. psittacina	Parrot Waxcap
Hygrocybe quieta	Oily Waxcap
Hygrocybe reidii	Honey Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. virginea	Snowy Waxcap
Inocybe geophylla var. lilacina	Lilac Fibrecap
Inocybe rimosa	Split Fibrecap
Lactarius salmonicolor	
Lepista sordida	
Lycoperdon perlatum	Common Puffball
Marasmius oreades	Fairy Ring Champignon
Melanoleuca polioleuca f. polioleuca	Common Cavalier
Mycena flavoalba	Ivory Bonnet
Mycena pura	Lilac Bonnet
Phragmidium violaceum	Violet Bramble Rust

Pluteus cervinus	Deer Shield
Ramaria stricta	Upright Coral
Rhytisma acerinum	Sycamore Tarspot
Russula delica	Milk White Brittlegill
Russula nigricans	Blackening Brittlegill
Russula sanguinaria	Bloody Brittlegill

M24

Sites Searched: Gortnandarragh Limestone Pavement, Carrowmoreknock Church,

Hygrocybe: 3 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

For comments on Gortnandarragh, see M14. The rest of this square is unlikely to be of interest.

Grassland Target Species Recorded

Hygrocybe colemanniana
Hygrocybe russocoriacea
Hygrocybe virginea var. virginea

Site Reports

Site: **Carrowmoreknock Church**

Date Visited: 24/10/2010 ***Grid Reference:*** M217410

Hygrocybe: 0 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

A very small area of grassland surrounding the church. No waxcaps were found but there are likely to be a small number present.

Inocybe rimosa	Split Fibrecap
Lepiota cristata	Stinking Dapperling

Site: **Gortnandarragh Limestone Pavement**

Date Visited: 24/10/2010 ***Grid Reference:*** M198402

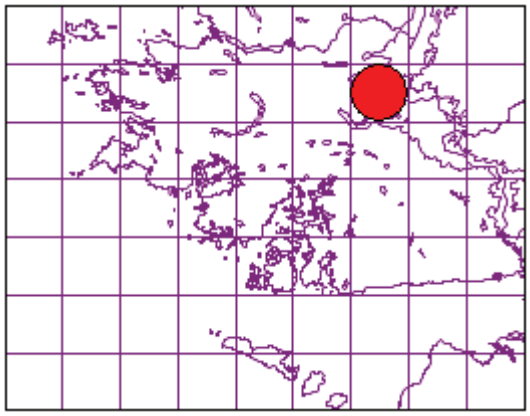
Hygrocybe: 4 ***Clavariaceae:*** 0 ***Entoloma:*** 0 ***Geoglossaceae:*** 0 ***Others:*** 0

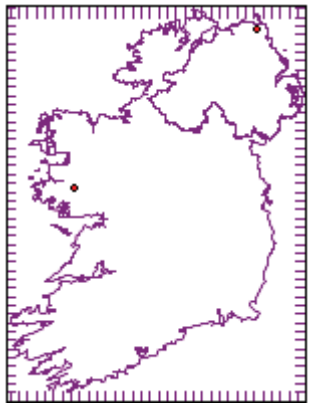
As the site is split across the squares M14 and M24, for site report, see M14

Clitocybe fragrans	Fragrant Funnel
Clitocybe nebularis	Clouded Funnel
Collybia dryophila	Russet Toughshank
Coprobia granulata	
Cystoderma amianthinum	Earthy Powdercap
Hygrocybe colemanniana	Toasted Waxcap
Hygrocybe conica var. conica	Blackening Waxcap
Hygrocybe russocoriacea	Cedarwood Waxcap
Hygrocybe virginea var. fuscescens	
Hygrocybe virginea var. ochraceopallida	
Hygrocybe virginea var. virginea	Snowy Waxcap
Hypoxylon fuscum	Hazel Woodwart
Lycoperdon lividum	Grassland Puffball
Melanoleuca polioleuca f. polioleuca	Common Cavalier
Mycena pura	Lilac Bonnet
Phragmidium violaceum	Violet Bramble Rust
Stropharia semiglobata	Dung Roundhead
Vascellum pratense	Meadow Puffball

Camarophyllopsis schulzeri (Bres.) Herink

Similar to a waxcap, this has small globose spores and a distinctive cap structure

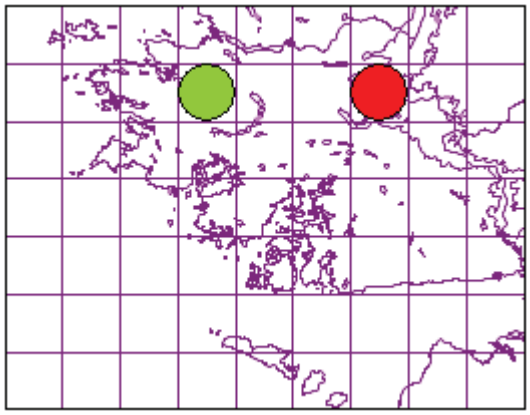


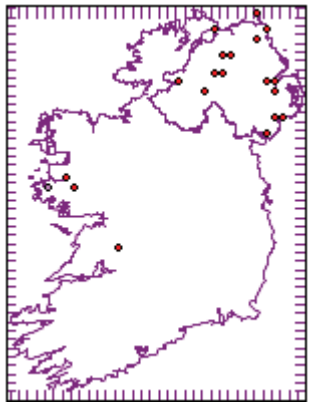


Clavaria argillacea Fr.

Moor Club

A Fairy Club but one ususally found on bogs

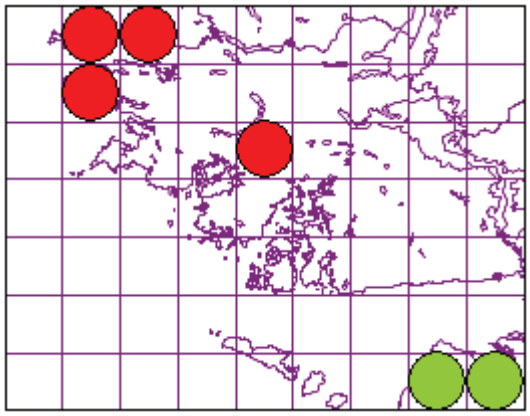


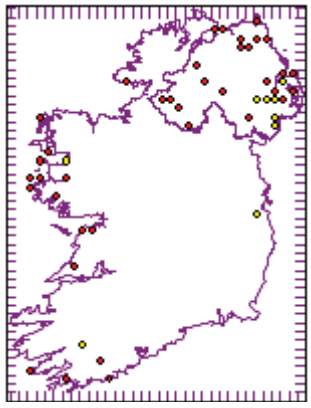


Clavaria fragilis Holmsk.

White Spindles

A white Fairy Club often growing in clumps

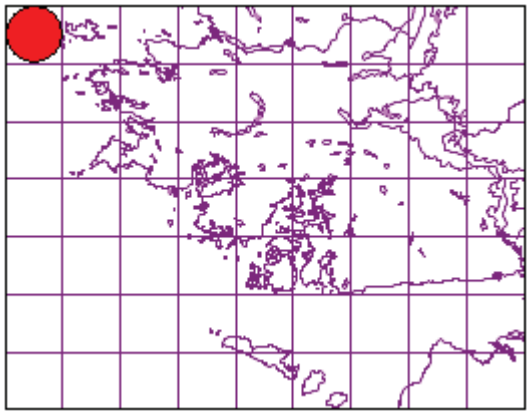


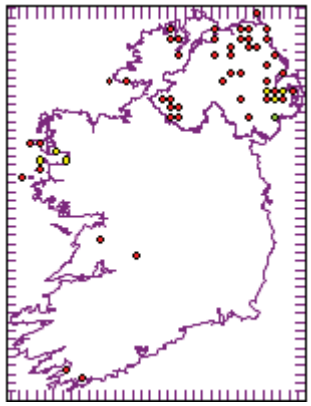


Clavaria fumosa Fr.

Smoky Spindles

A smoky grey Fairy Club

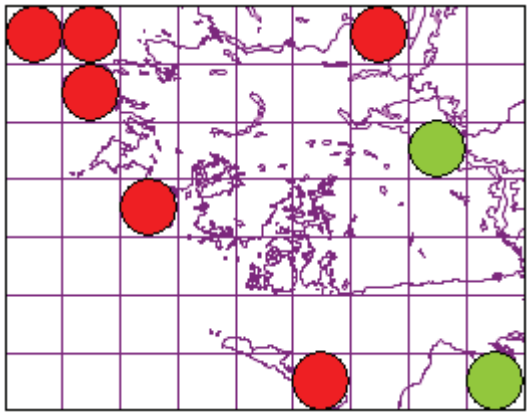


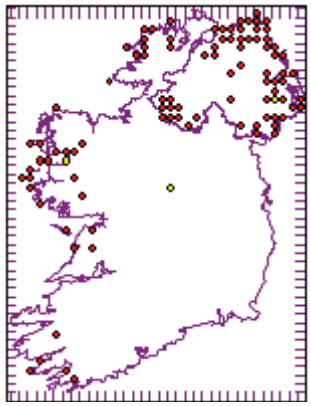


Clavulinopsis corniculata (Fr.) Corner

Meadow Coral

A common coralloid Fairy Club

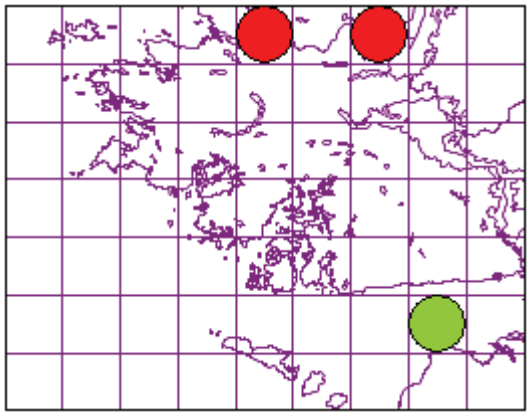


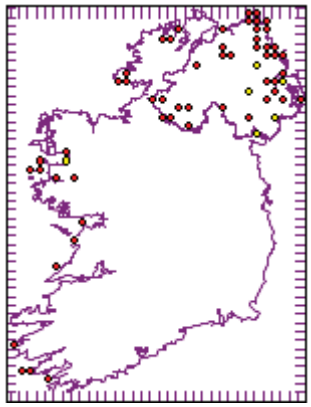


Clavulinopsis fusiformis (Sowerby) Corner

Golden Spindles

A yellow clumped Fairy Club that is most common in acid grassland

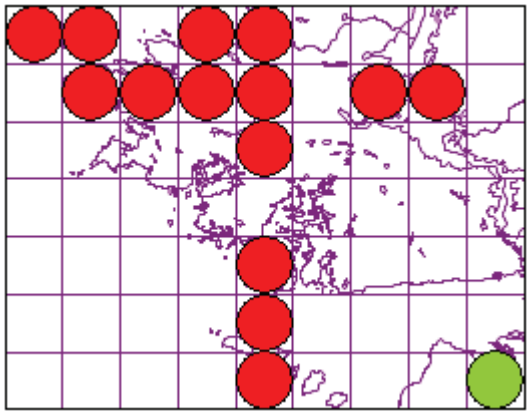


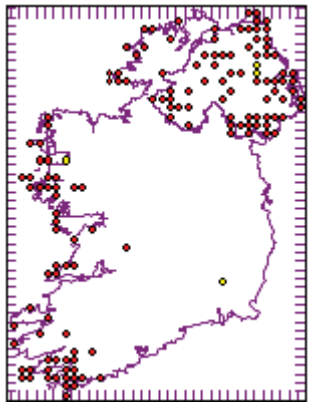


Clavulinopsis helvola (Pers.) Corner

Yellow Club

The most common Fairy Club

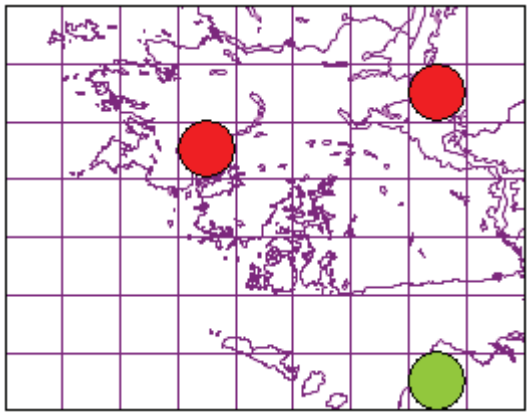


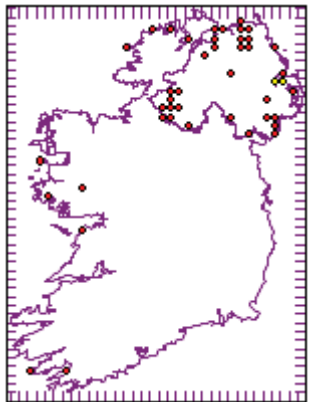


Clavulinopsis laeticolor (Berk. & M.A. Curtis) R.H. Petersen

Handsome Club

A Fairy Club that needs to be microscopically checked to distinguish from C.luteoalba

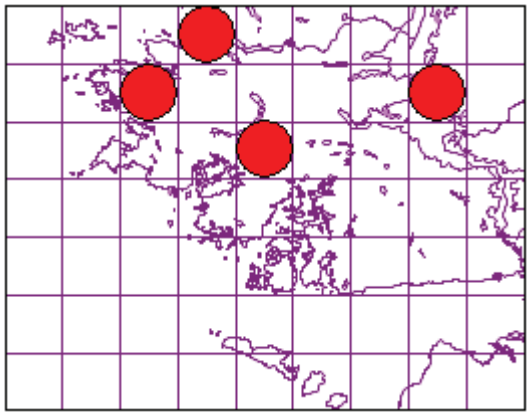


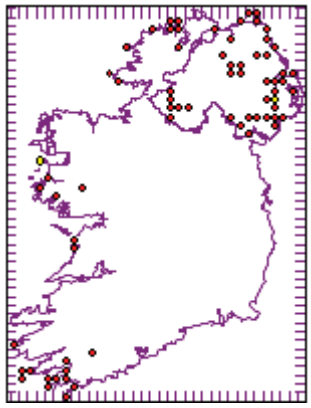


Clavulinopsis luteoalba (Rea) Corner

Apricot Club

A common apricot Fairy Club

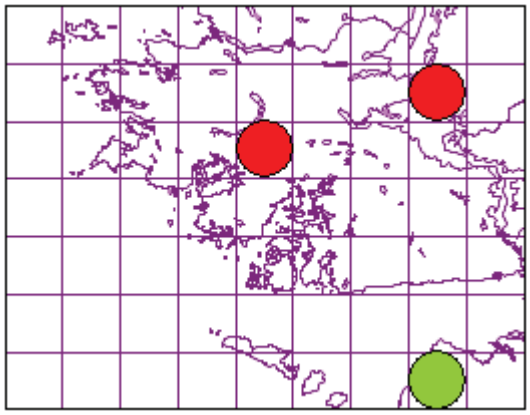


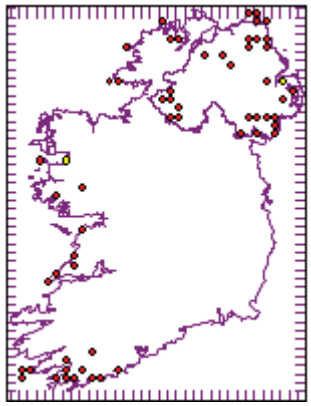


Dermoloma cuneifolium var. cuneifolium (Fr.) Bon

Crazed Cap

A species found in unfertilised grasslands

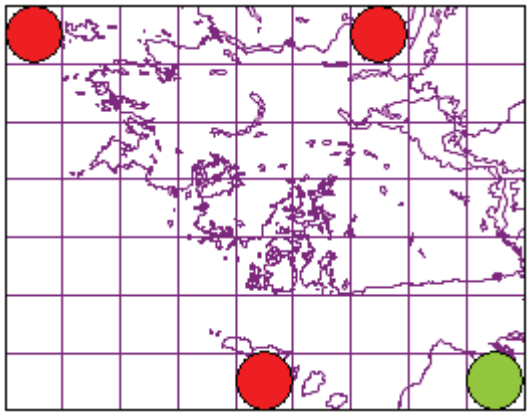


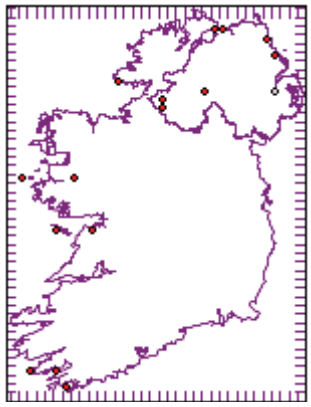


Entoloma bloxamii (Berk.) Sacc.

Big Blue Pinkgill

A large fleshy blue Entoloma

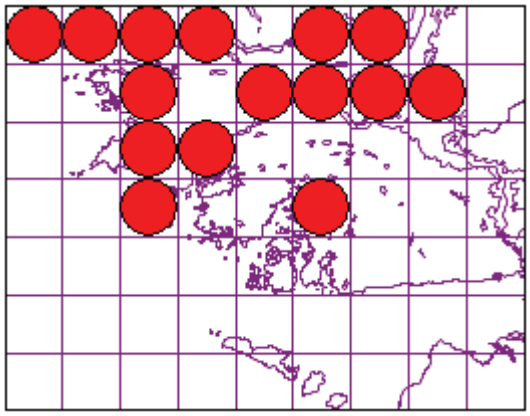


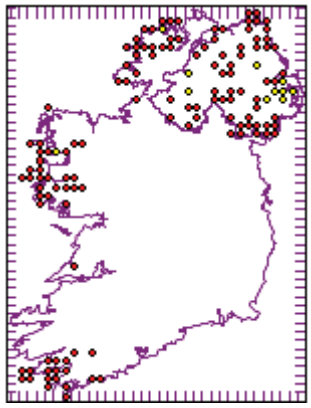


Entoloma conferendum (Britzelm.) Noordel.

Star Pinkgill

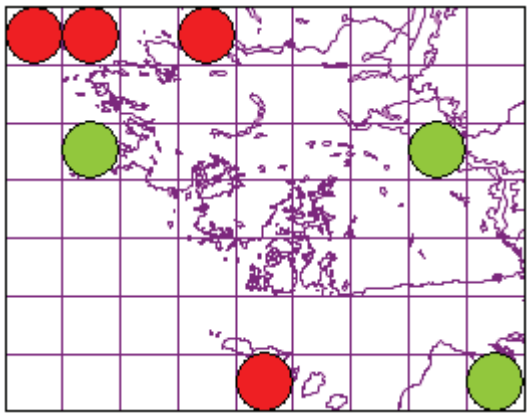
A common Entoloma

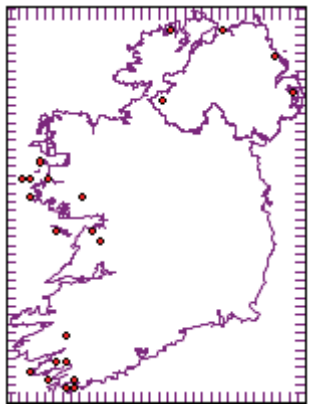




Entoloma corvinum (Kühner) Noordel.

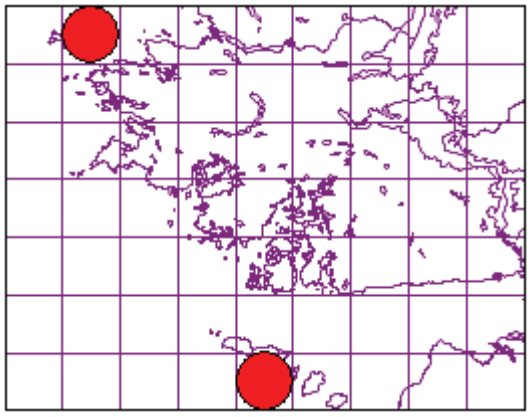
A dark blue Entoloma (cap and stipe) with a sterile gill edge

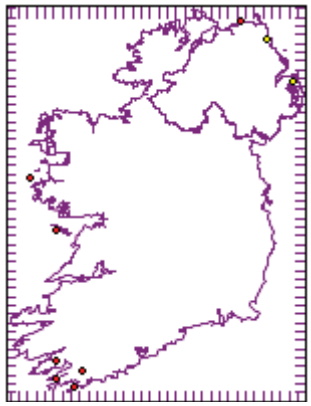




Entoloma infula (Arnolds & Noordel.) Noordel.

A Nolanea often with a small papilla and thin dark stipe. Similar to E.papillatum but with smaller spores.

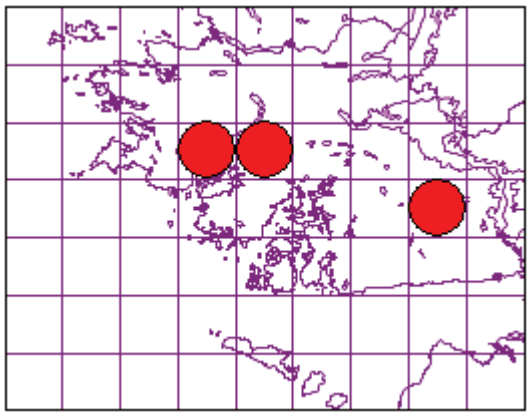


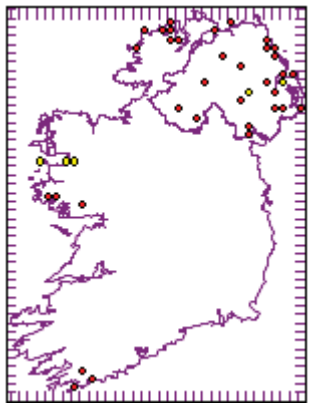


Entoloma jubatum Fr.

Sepia Pinkgill

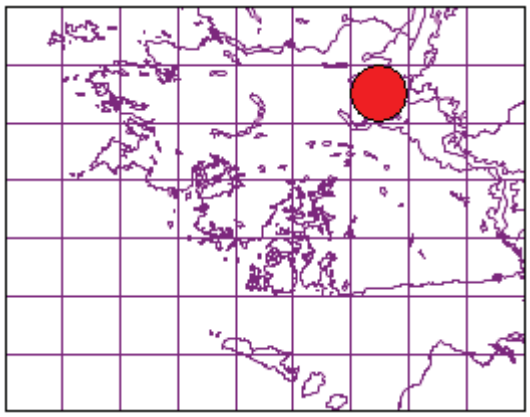
Similar to the larger E.porpyrophaeum but noted by non-reddish colours, dark striate stem and different cheilocystidia

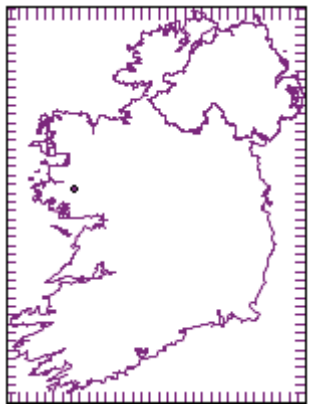




Entoloma poliopus var. discolor Noordel.

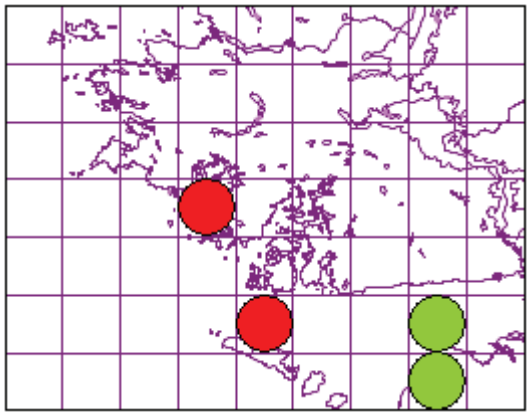
Var. discolor is recognised by a colourless gill edge and spores largely longer than 10um

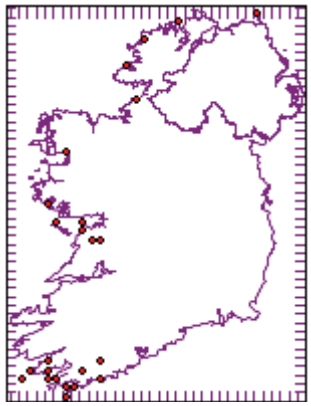




Entoloma poliopus var. poliopus (Romagn.) Noordel.

A relatively common Leptonia in unfertilised grasslands. With a brown cap, blue stipe and sterile gill edge.

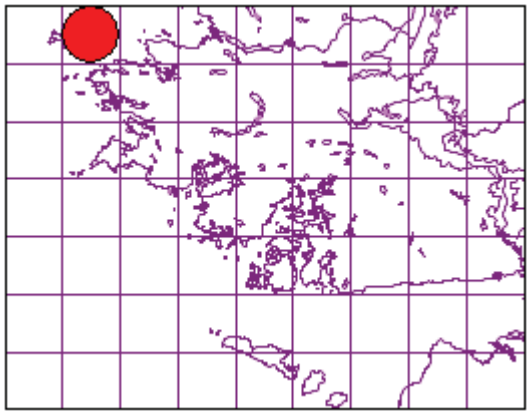


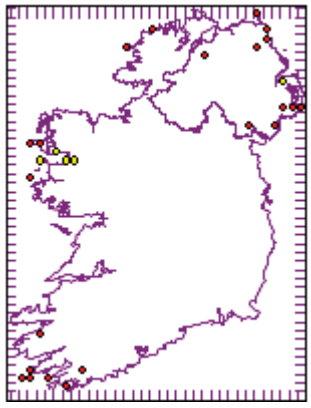


Entoloma prunuloides (Fr.) Quél.

Mealy Pinkgill

A chunky Entoloma often quite common in grasslands. Can be quite variable but tastes and smells of flour.

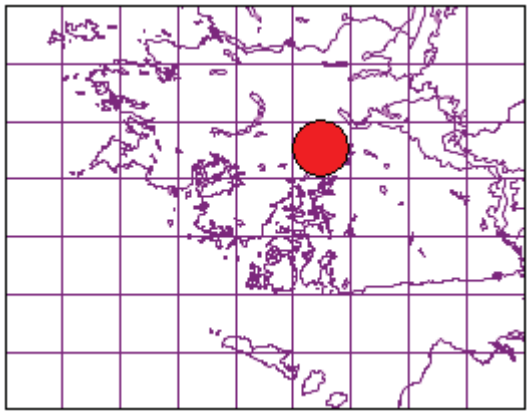


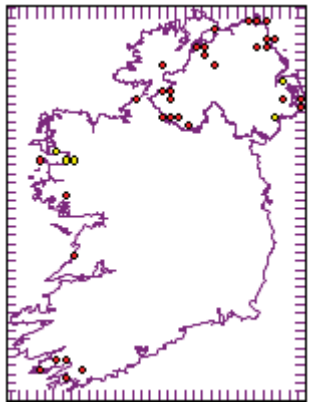


Entoloma sericellum Fr.

Cream Pinkgill

A white Leptonia

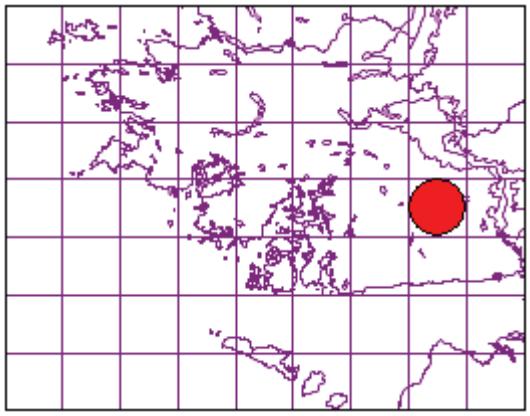


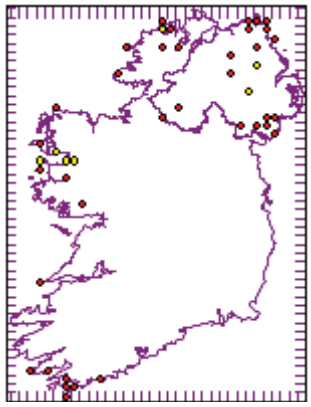


Entoloma sericeum (Bull.) Fr.

Silky Pinkgill

A common brown Nolanea

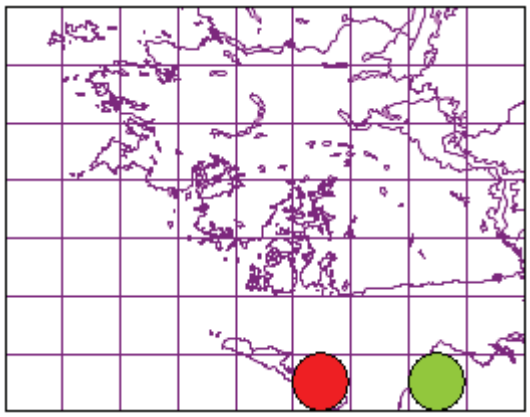


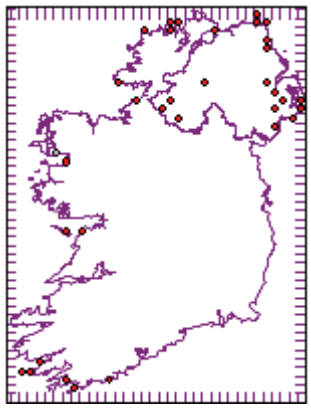


Entoloma serrulatum (Fr.) Hesler

Blue Edge Pinkgill

A blue black Leptonia with a black gill margin. Not uncommon.

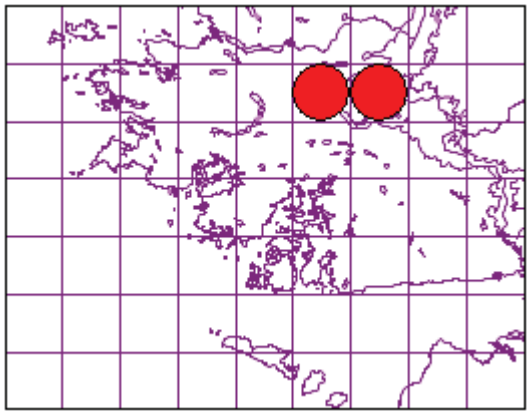


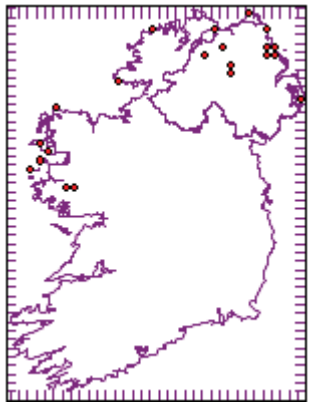


Geoglossum atropurpureum (Batsch) Pers.

Dark-purple Earthtongue

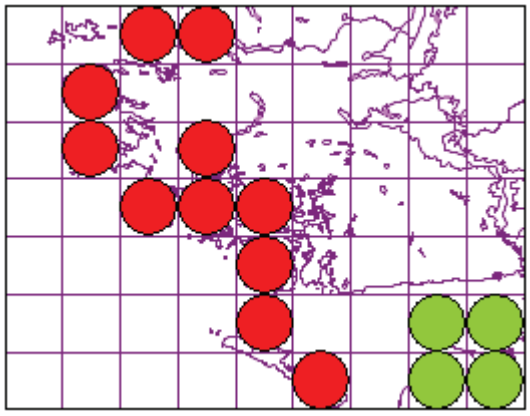
A notable species

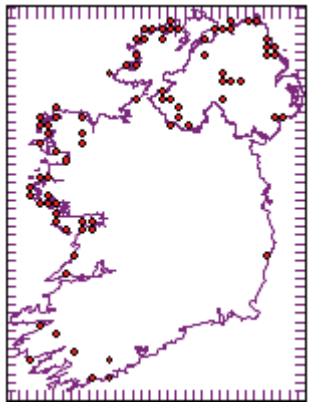




Geoglossum cookeanum Nannf.

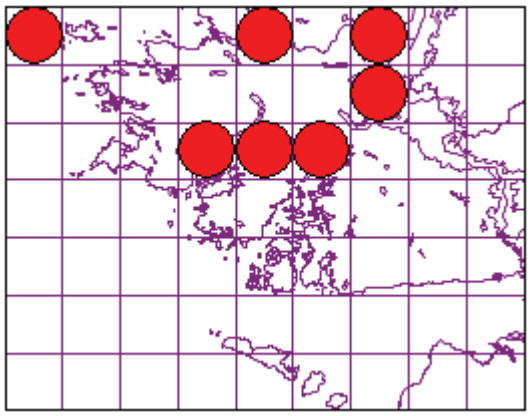
Can be the largest species of earth tongue growing to several centimetres tall

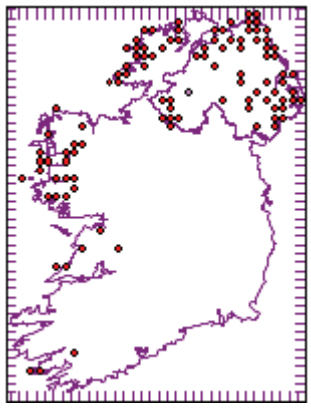




Geoglossum fallax E.J. Durand

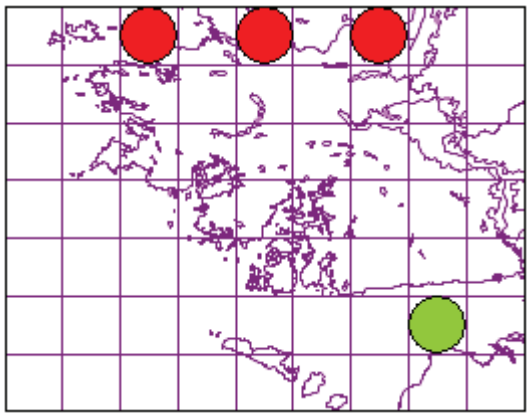
The most common earth tongue on acid grassland

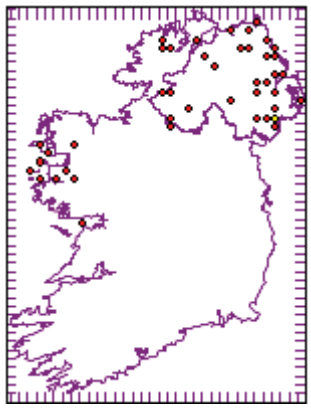




Geoglossum glutinosum Pers.

An earth tongue that is very viscid

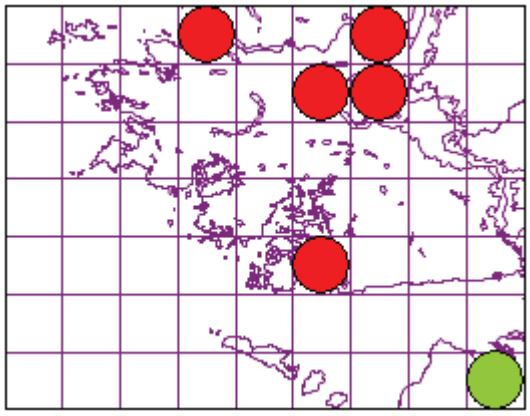


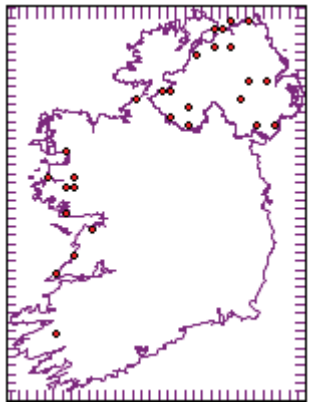


Geoglossum umbratile Sacc.

Plain Earthtongue

An earth tongue

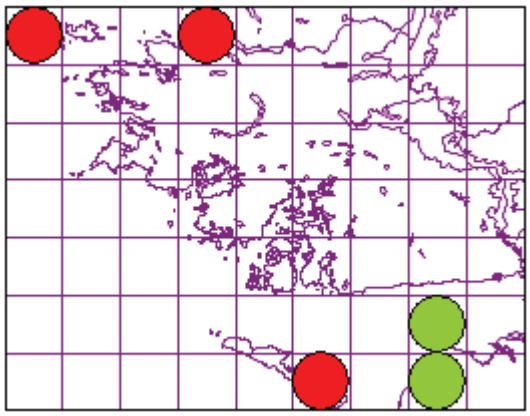


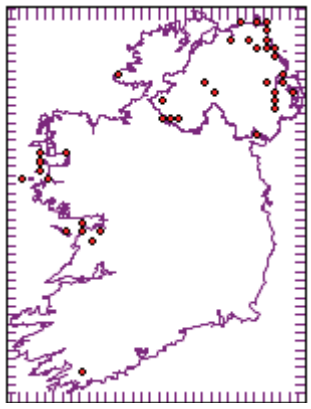


Hygrocybe aurantiosplendens R. Haller Aar.

Orange Waxcap

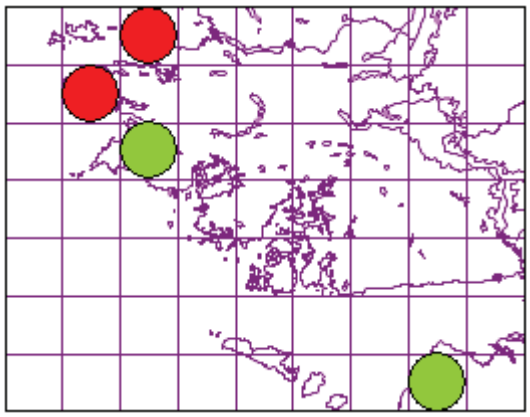
A rarer waxcap that is often over-recorded. Gill trama should always be checked

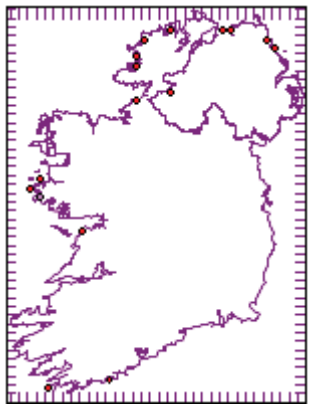




Hygrocybe calciphila Arnolds

A rare waxcap usually found in dune systems. Only a few Irish records

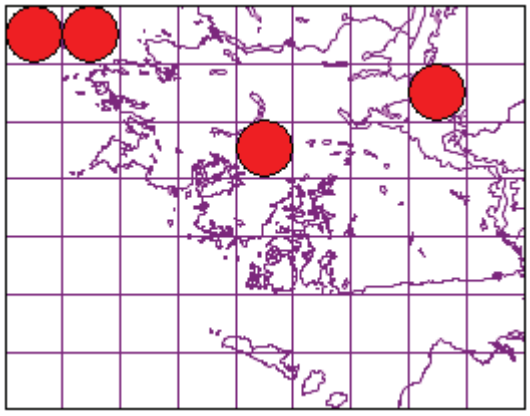


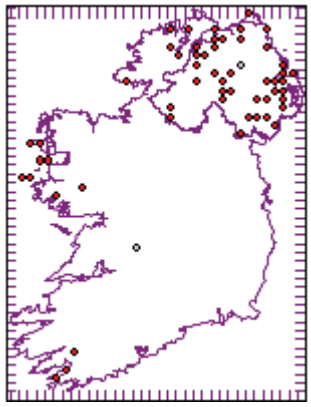


Hygrocybe calyptriformis (Berk. & Broome) Fayod

Pink Waxcap

The flagship species of waxcap. Unmistakable with its pink, conical cap that often splits and curls up.

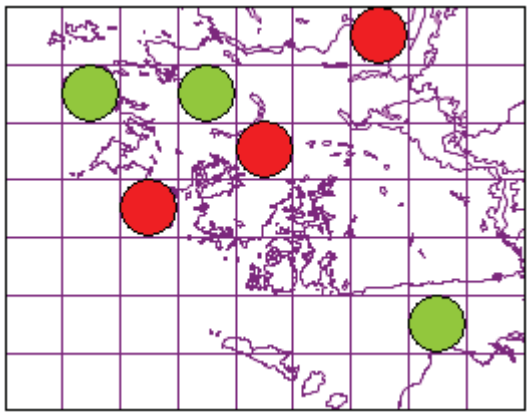


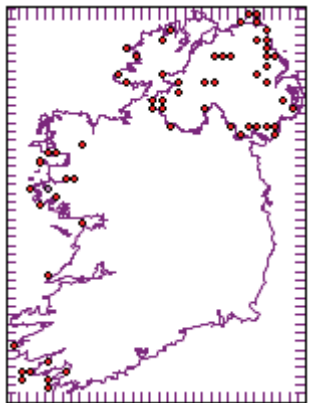


Hygrocybe cantharellus (Schwein.) Murrill

Goblet Waxcap

A waxcap usually found in acid grassland. Noted by its dry, red scurfy cap and decurrent gills.

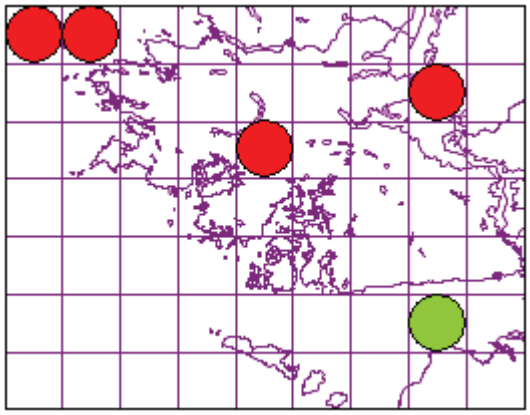


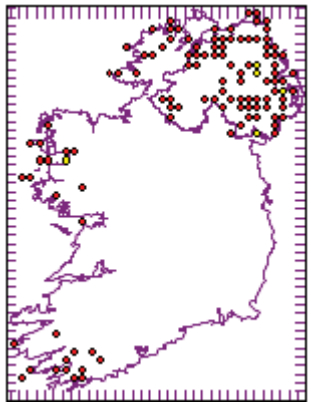


Hygrocybe ceracea (Wulfen) P. Kumm.

Butter Waxcap

A yellow waxcap - not uncommon

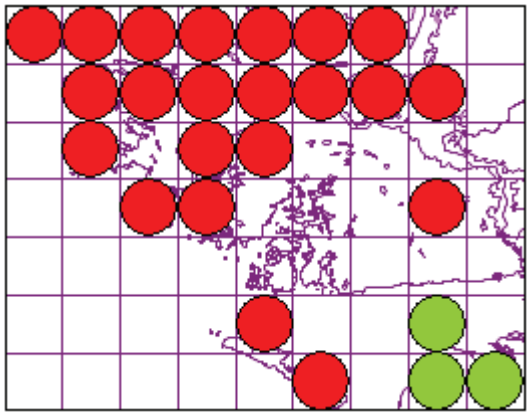


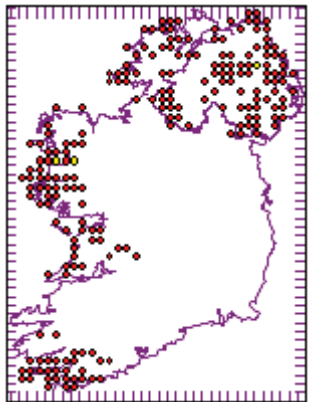


Hygrocybe chlorophana (Fr.) Wünsche

Golden Waxcap

One of the most common waxcaps

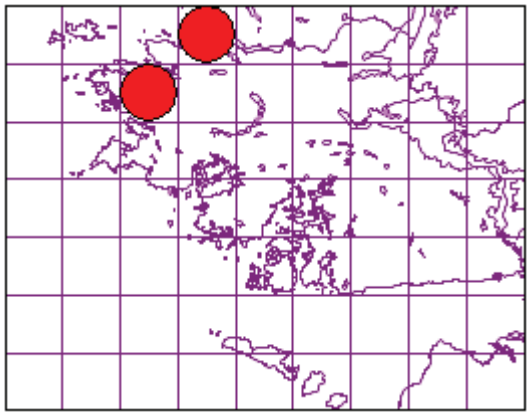


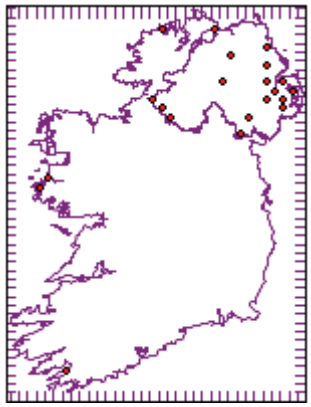


Hygrocybe citrinovirens (Lange) Jul. Schäff.

Citrine Waxcap

Often an early species. Large and lemon yellow

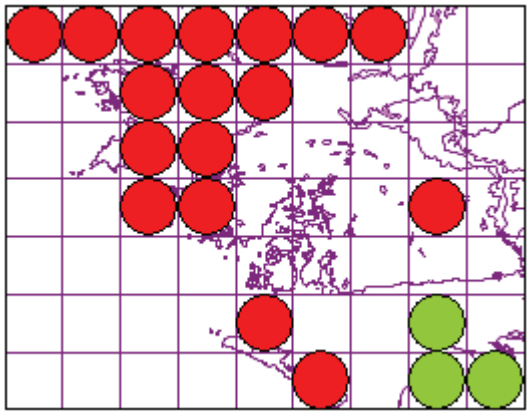


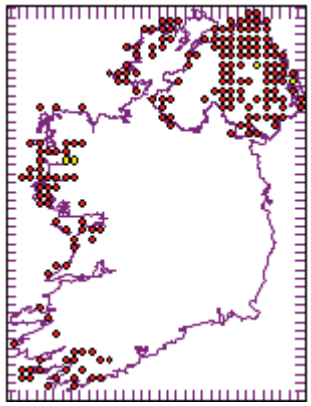


Hygrocybe coccinea (Schaeff.) P. Kumm.

Scarlet Waxcap

One of the most common red waxcaps

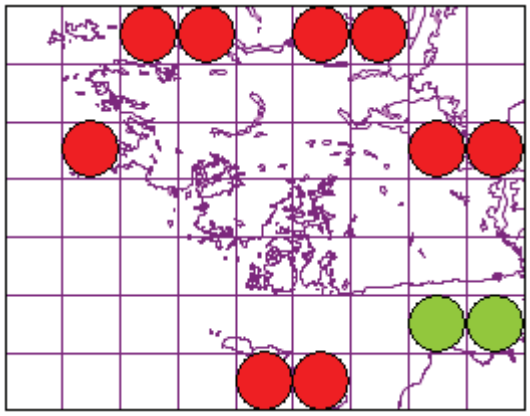


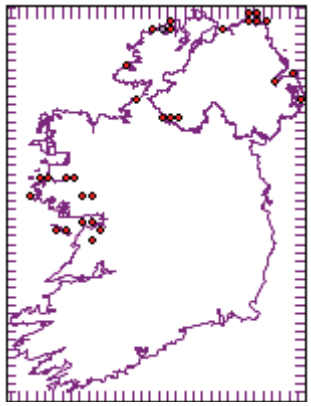


Hygrocybe colemanniana (A. Bloxam) P.D. Orton & Watling

Toasted Waxcap

Usually restricted to calcareous grassland

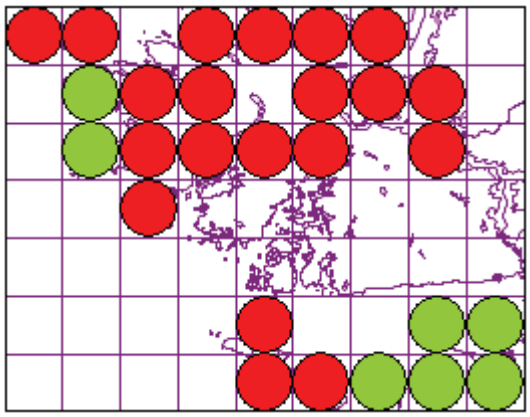


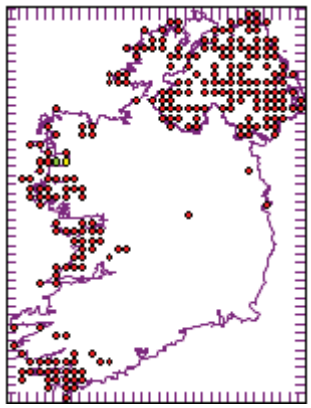


Hygrocybe conica var. conica (Schaeff.) P. Kumm.

Blackening Waxcap

Very common blackening waxcap. Very variable but may be more than one species in this group.

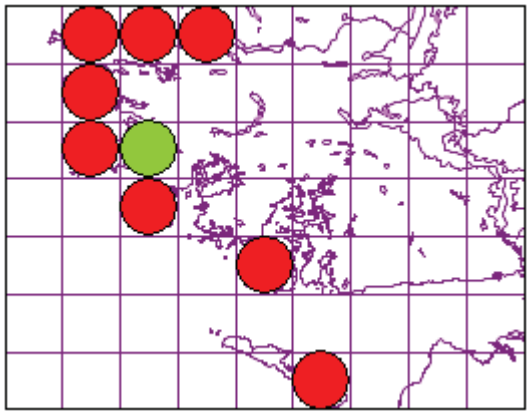


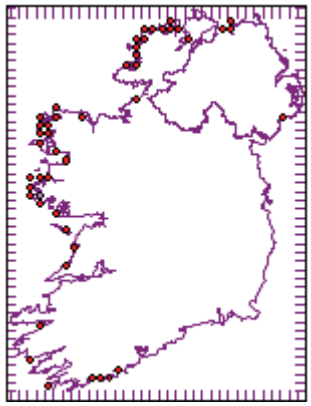


Hygrocybe conica var. conicoides (P.D. Orton) Boertm.

Dune Waxcap

Some authors give this variety species rank. Usually found in sand dunes

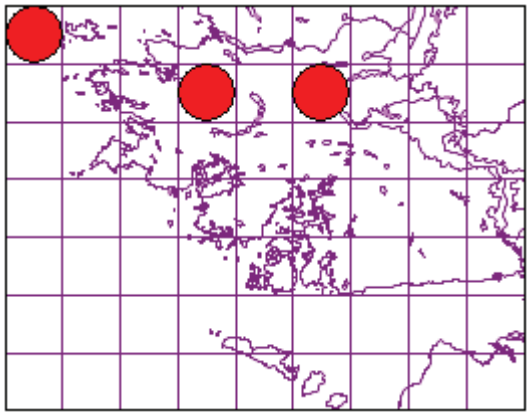


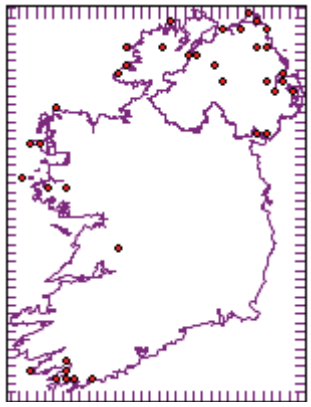


Hygrocybe flavipes (Britzelm.) Arnolds

Yellow Foot Waxcap

Grey waxcap with a pale stipe with a yellow base. Look out for the similar H.lacmus that does not have the yellow base.

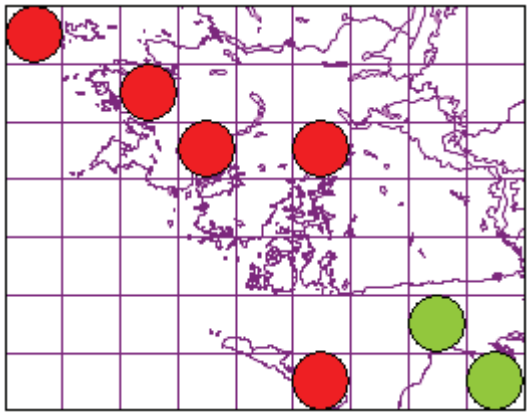


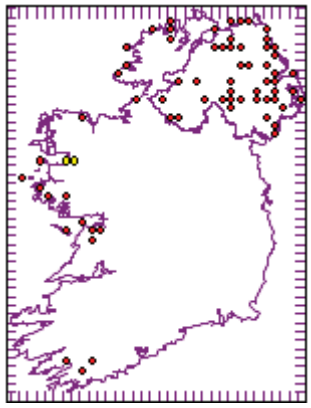


Hygrocybe fornicata (Fr.) Singer

Earthy Waxcap

A grey to brown species with ascending gills

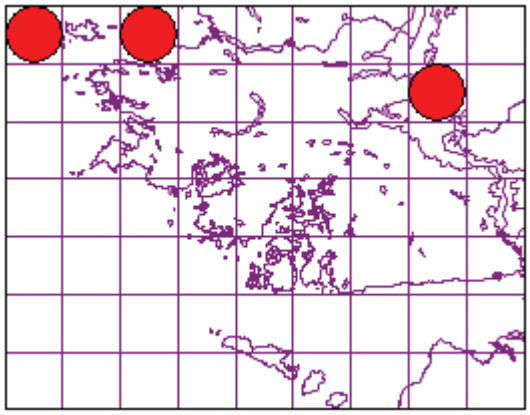


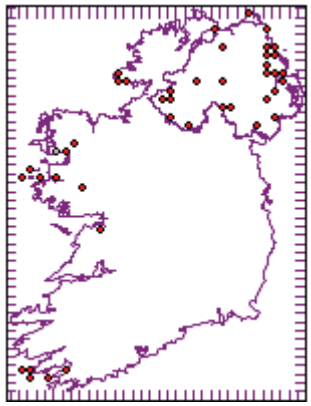


Hygrocybe glutinipes var. glutinipes (J.E. Lange) R. Haller Aar.

Glutinous Waxcap

Very viscid and smaller than H.chlorophana

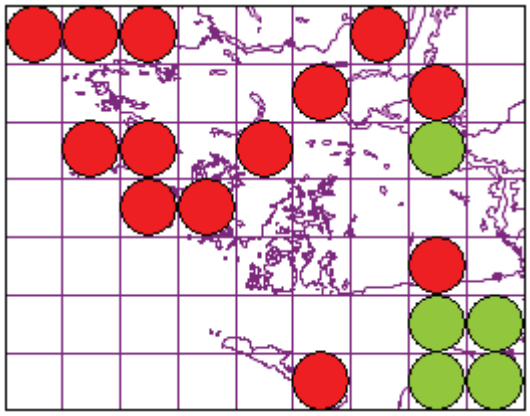


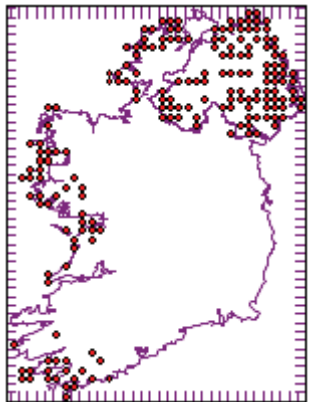


Hygrocybe insipida (Lange ex S. Lundell) M.M. Moser

Spangle Waxcap

Very common small viscid waxcap. Often with very red stipe at apex contrasting with yellow gills.

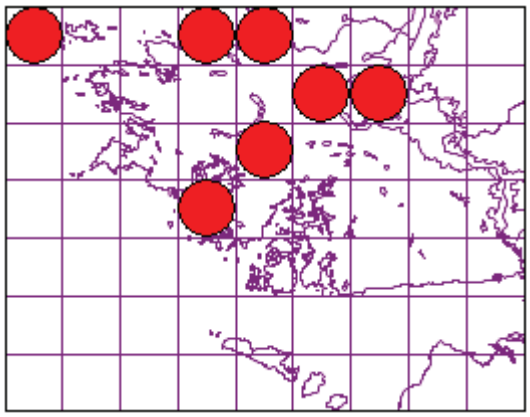


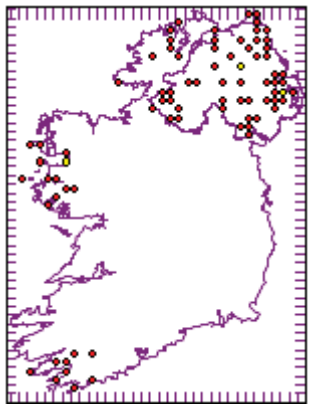


Hygrocybe irrigata (Pers.) M.M. Moser

Slimy Waxcap

Grey viscid waxcap

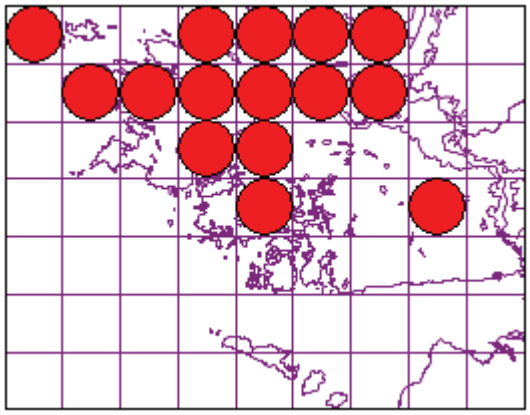


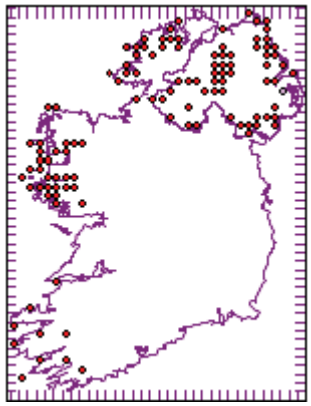


Hygrocybe laeta var. laeta (Pers.) P. Kumm.

Heath Waxcap

Common especially in acid grassland

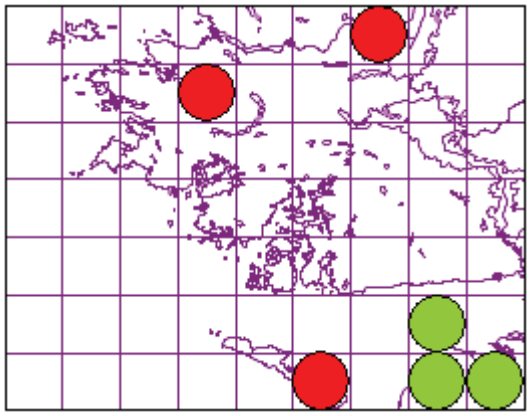


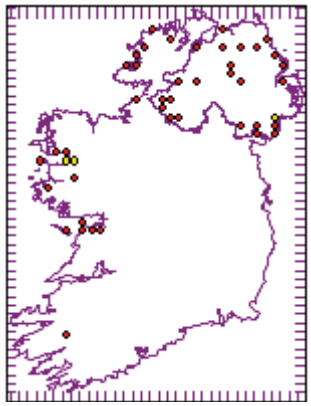


Hygrocybe mucronella (Fr.) P. Karst.

Bitter Waxcap

Often overlooked but with a very bitter taste

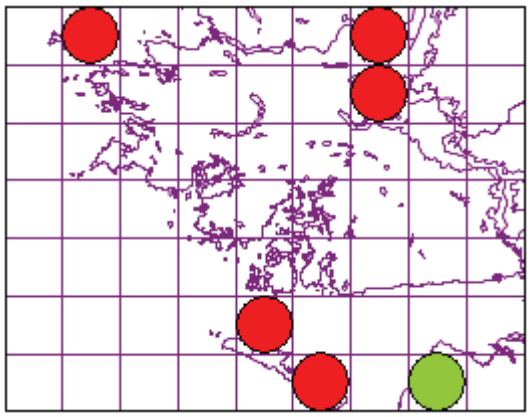


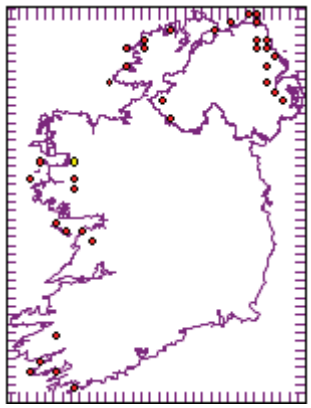


Hygrocybe nitrata (Pers.) Wünsche

Nitrous Waxcap

One of the more unusual species with a strong nitrous smell

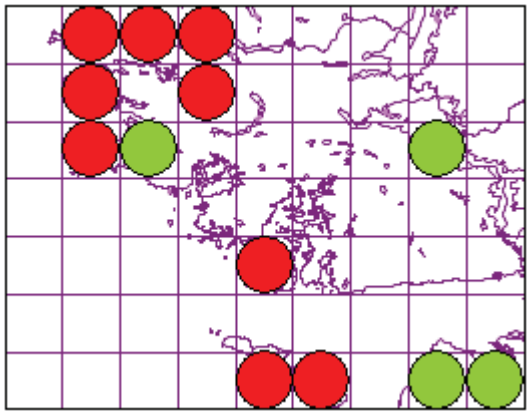


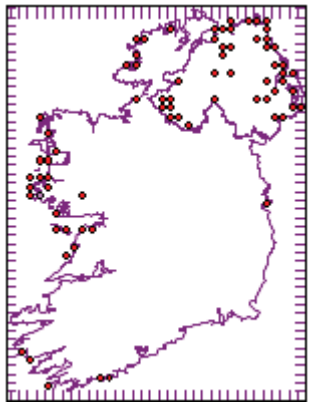


Hygrocybe persistens var. persistens (Britzelm.) Singer

Persistent Waxcap

Often confused with H.conica but does not blacken. One of the earlier waxcaps to fruit.

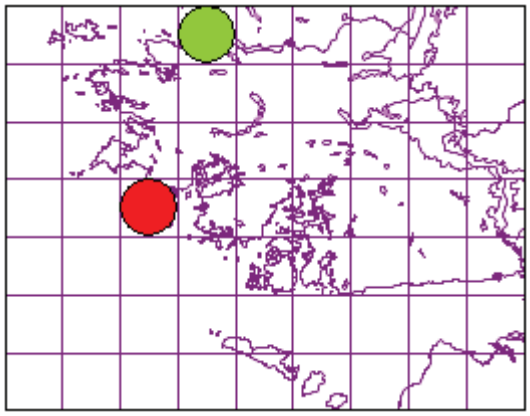


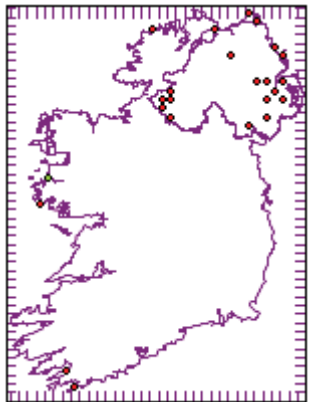


Hygrocybe pratensis var. pallida (Cooke) Arnolds

Pale Waxcap

Also recorded as H.berkeleyi

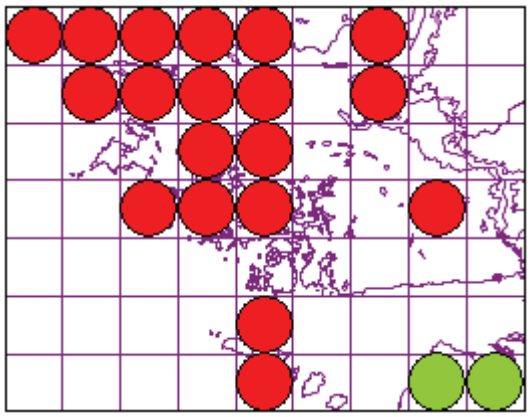


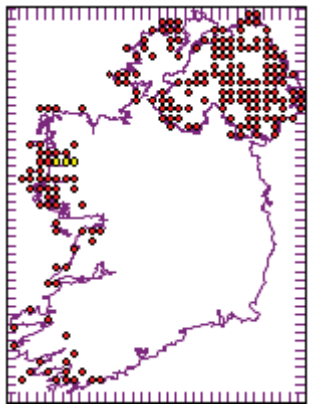


Hygrocybe pratensis var. pratensis (Pers.) Fr.

Meadow Waxcap

One of the largest waxcaps that can be very abundant

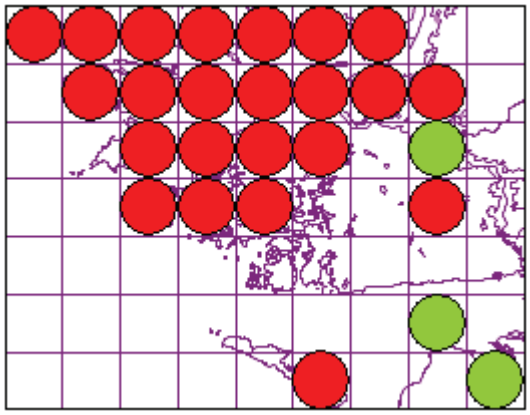


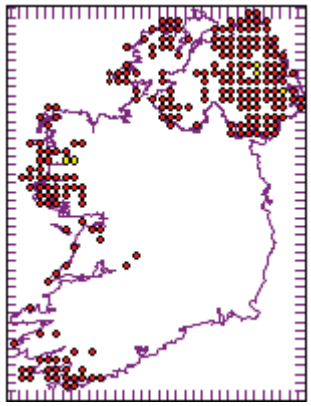


Hygrocybe psittacina var. psittacina (Schaeff.) P. Kumm.

Parrot Waxcap

Usually very common and distinguised by its green colours

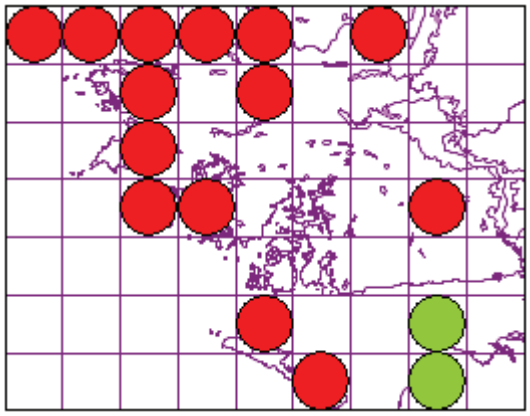


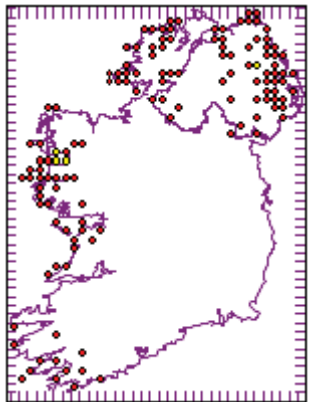


Hygrocybe punicea (Fr.) P. Kumm.

Crimson Waxcap

Large and notable with a dull crimson colour and fibrous stipe

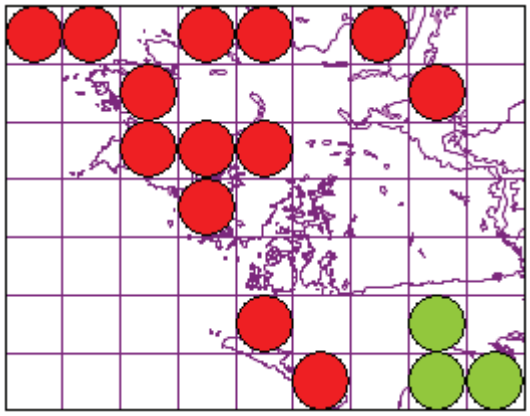


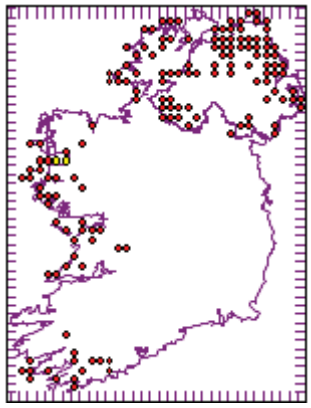


Hygrocybe quieta (Kühner) Singer

Oily Waxcap

Noted for its oily smell

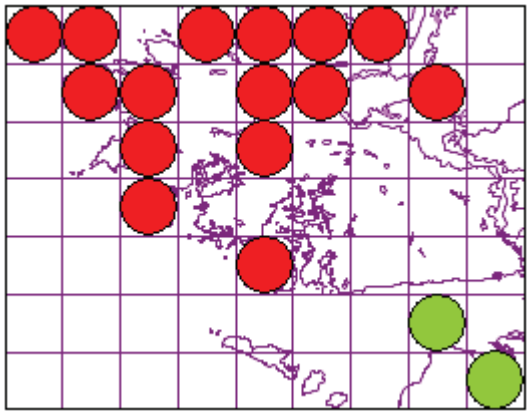


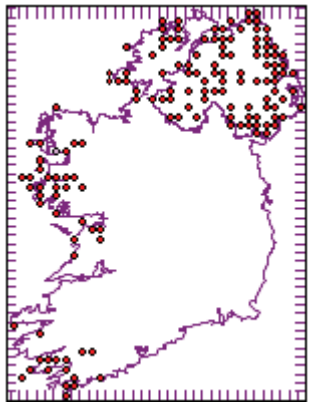


Hygrocybe reidii Kühner

Honey Waxcap

Recognised by its honey smell especially if rubbed. Not uncommon

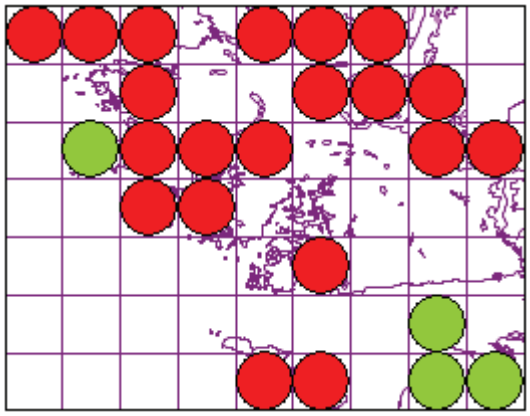


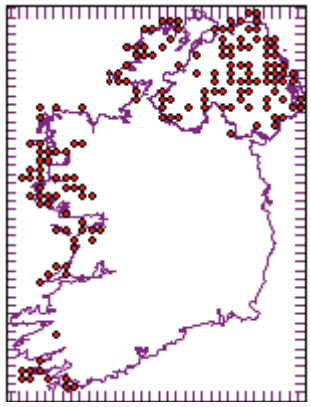


Hygrocybe russocoriacea (Berk. & Mill.) P.D. Orton & Watling

Cedarwood Waxcap

Noted by its amazing smell of cedar wood

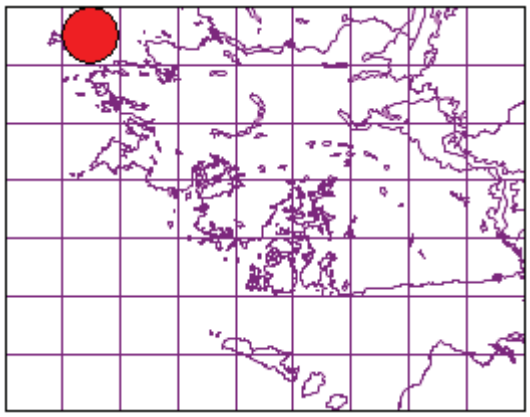


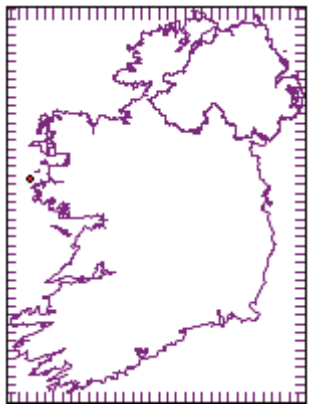


Hygrocybe spadicea (Scop.) P. Karst.

Date Waxcap

A rare waxcap with a dark cap and stipe contrasting with bright yellow gills

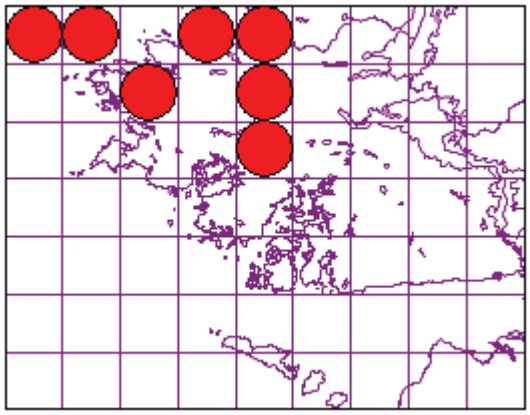


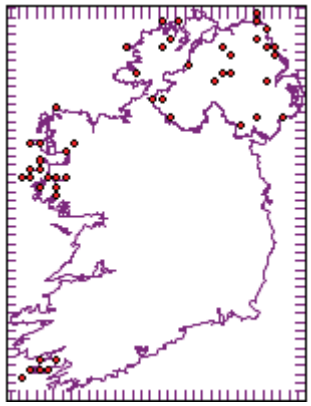


Hygrocybe splendidissima (P.D. Orton) P.D. Orton & Watling

Splendid Waxcap

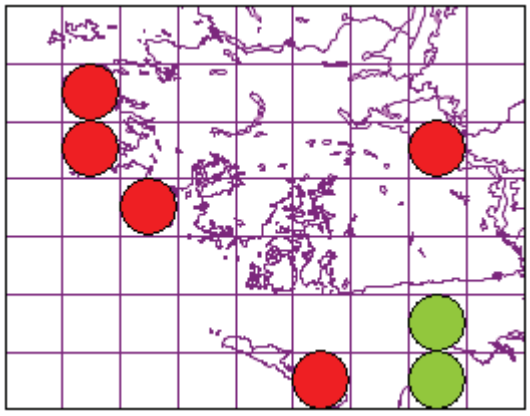
Large scarlet waxcap smelling of honey if the stipe is rubbed. Usually found in acid grassland

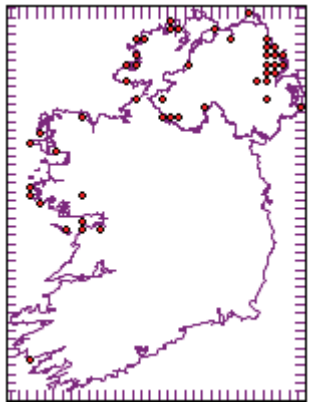




Hygrocybe virginea var. fuscescens (Bres.) Arnolds

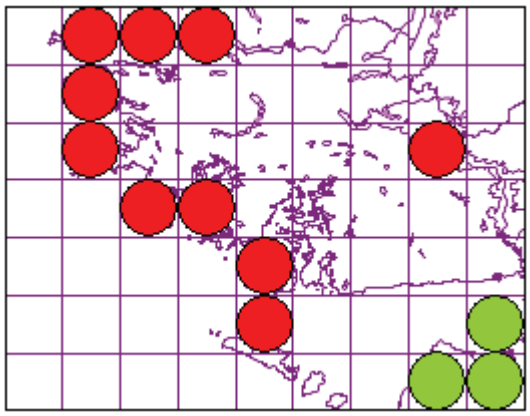
A variety with a brown centre to the cap

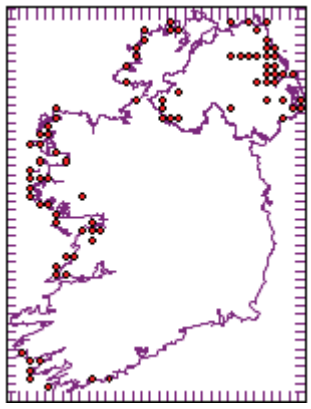




Hygrocybe virginea var. ochraceopallida (P.D. Orton) Boertm.

This variety is usually found in calcareous grassland

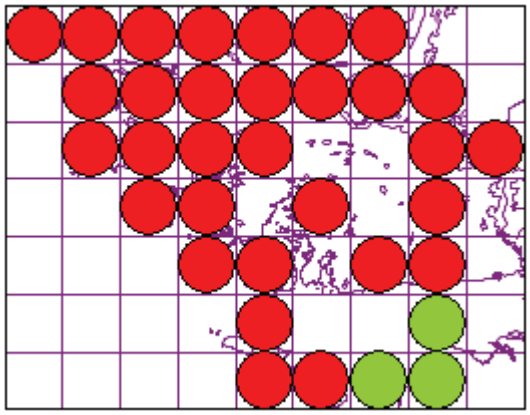


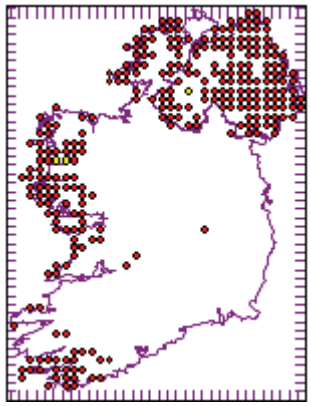


Hygrocybe virginea var. virginea (Wulfen) P.D. Orton & Watling

Snowy Waxcap

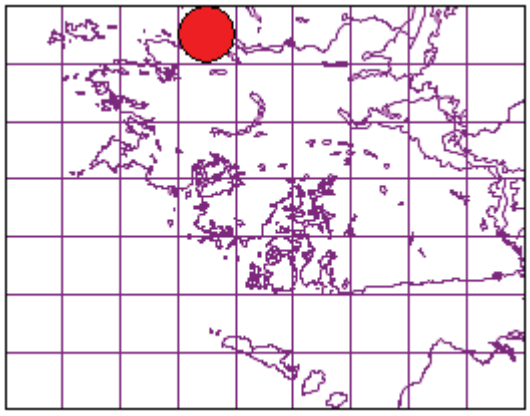
Very common species

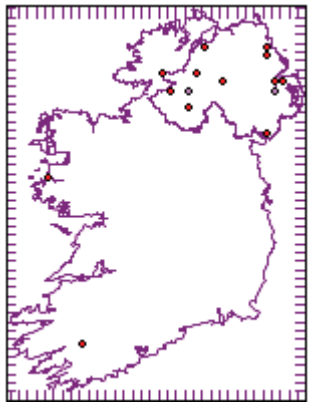




Hygrocybe vitellina (Fr.) P. Karst.

A distinctive waxcap with a yellow umbilicate cap and a viscid edge to the gills

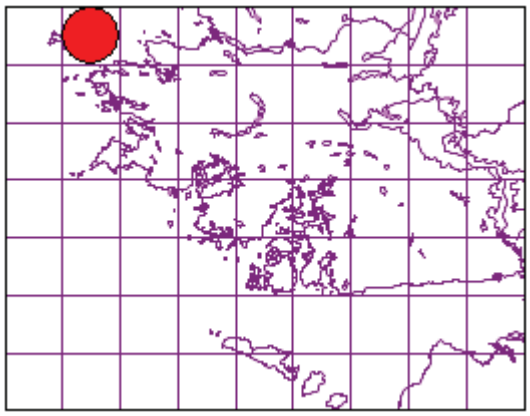


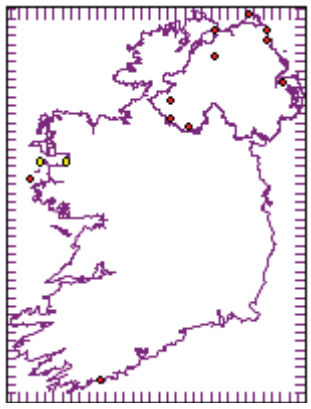


Ramariopsis kunzei (Fr.) Corner

Ivory Coral

A notable Fairy Club. White, clumped, coralloid with small warty spores.

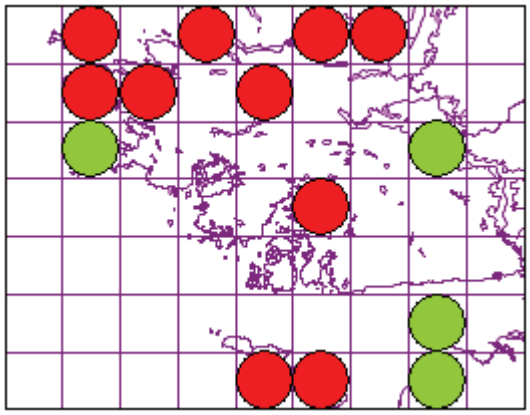


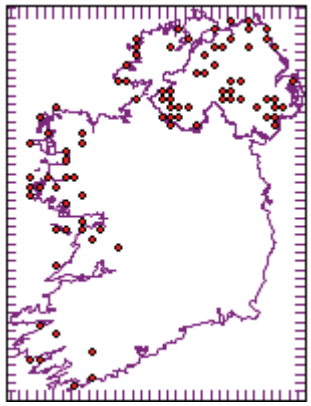


Trichoglossum hirsutum (Pers.) Boud.

Hairy Earthtongue

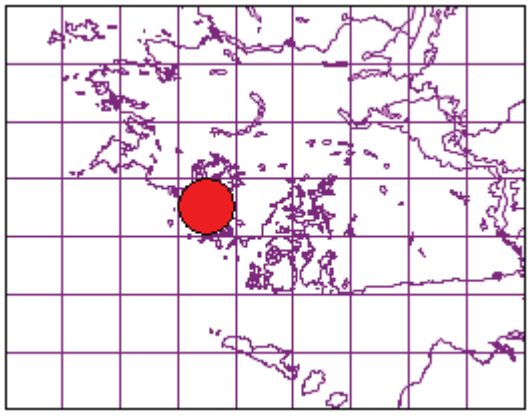
An earth tongue with noticeable setae (especially on the stipe) like hairs

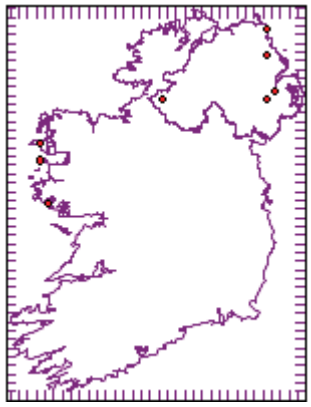




Trichoglossum walteri (Berk.) E.J. Durand

A notable earth tongue



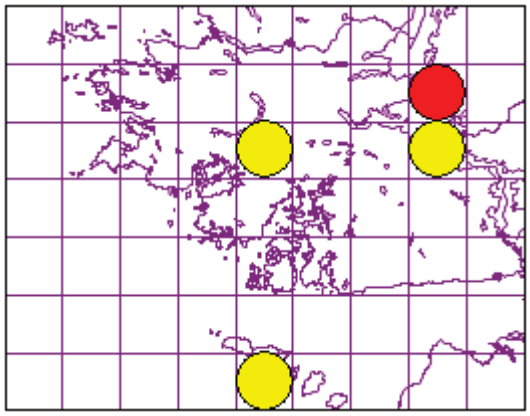


Boletes and Agarics

Agaricus campestris L.

Field Mushroom

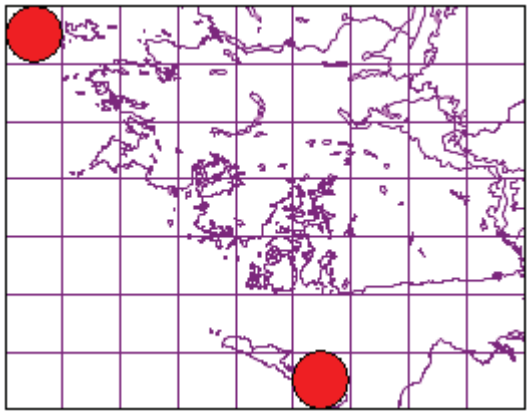
The common field mushroom



Agaricus silvaticus Schaeff.

Blushing Wood Mushroom

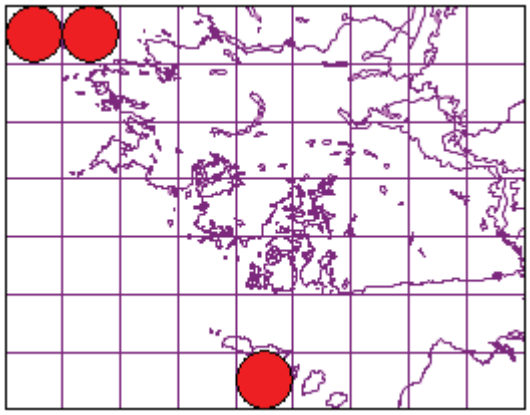
A strongly reddening agaric usually found in woodland but also in grassland



Agaricus urinascens (F.H. Møller & Jul. Schäff.) Singer

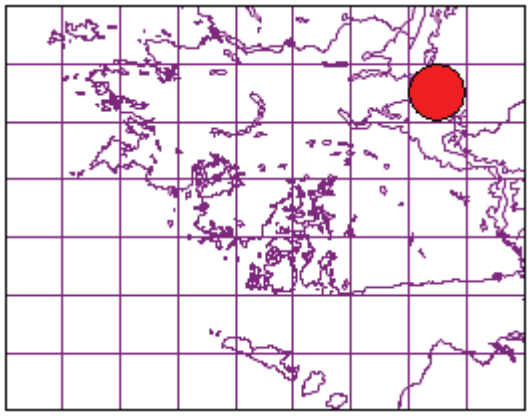
Macro Mushroom

More commonly known as Agaricus macrosporus that can grow to very large sizes



Amanita battarrae (Boud.) Bon

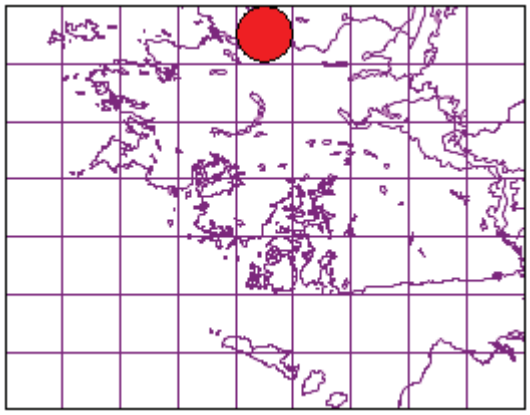
Similar to Amanita vaginata but with the margin of the cap a different colour to the centre of the cap



Amanita muscaria (L.) Pers.

Fly Agaric

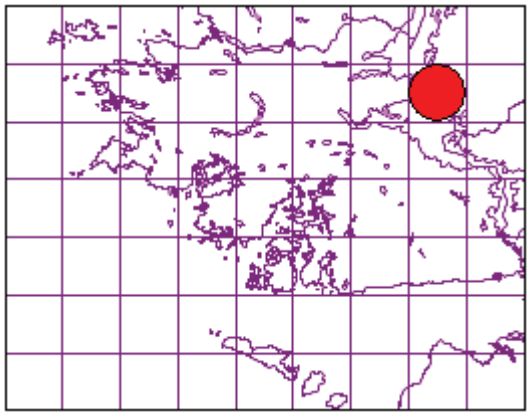
The classic red toadstool with white spots. Common under a variety of trees with Birch the most common associate.



Amanita phalloides (Vaill. ex Fr.) Link

Deathcap

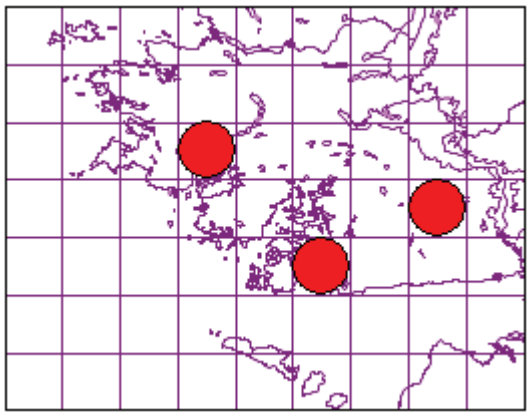
Deadly poisonous. Recognised by its yellow green colour, the ring on the stem and appearing to arise out of an eggshell at its base (volva)



Amanita rubescens var. rubescens Pers.

Blusher

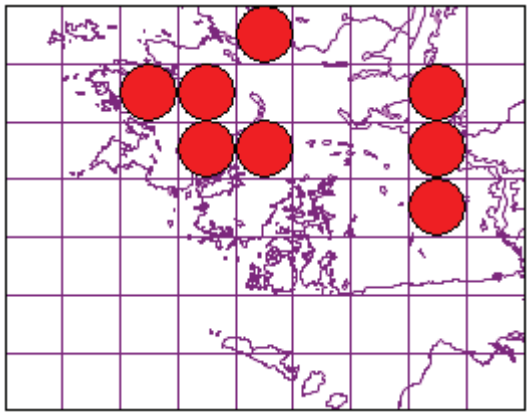
The most common Amanita



Armillaria gallica Merxm. & Romagn.

Bulbous Honey Fungus

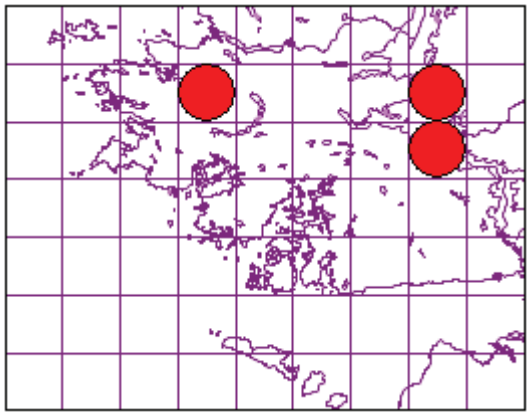
The most common Honey Fungus in much of Ireland with a bulbous base. Not as pathogenic as A.mellea.



Armillaria mellea (Vahl) P. Kumm.

Honey Fungus

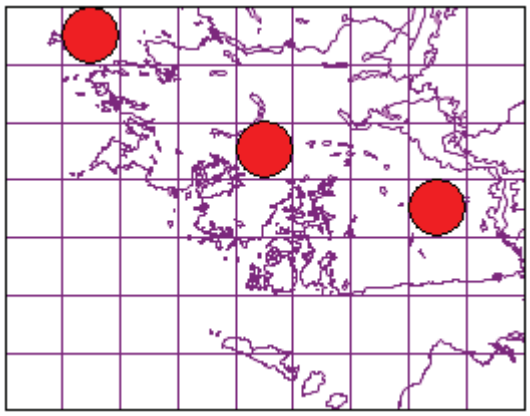
The pathogenic species with a slender cylindrical stipe



Arrhenia acerosa (Fr.) Kühner

Moss Oysterling

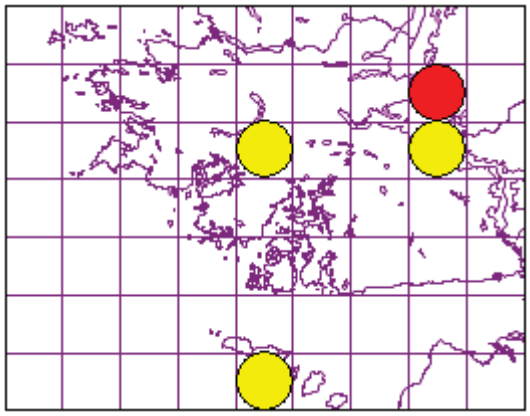
Associated with mosses. The stipe is excentric and unlike other species in the genus, this has proper gills.



Bolbitius vitellinus (Pers.) Fr.

Yellow Fieldcap

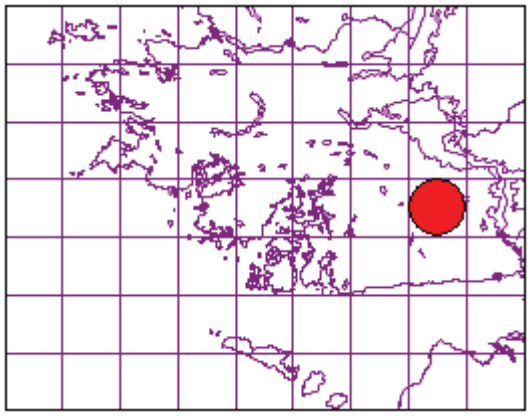
A common species found on decaying grass or dung



Calocybe carnea (Bull.) Donk

Pink Domecap

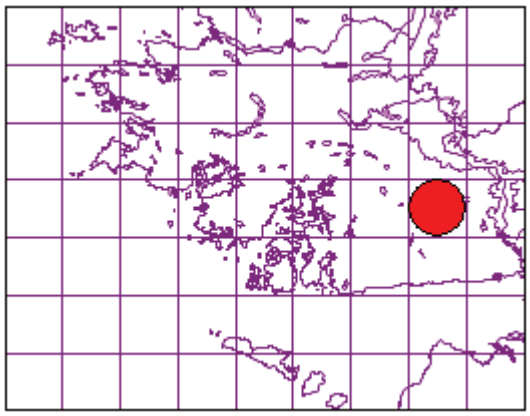
Not uncommon in grasslands



Chalciporus piperatus (Bull.) Bataille

Peppery Bolete

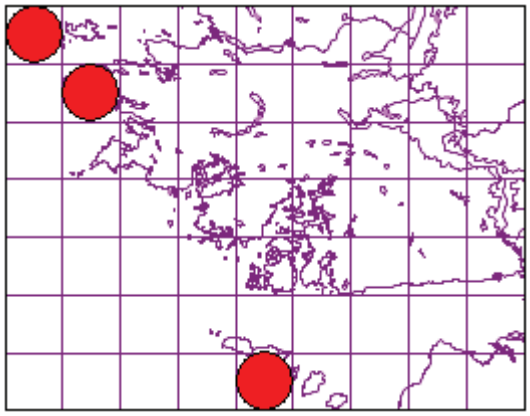
A bolete with bright yellow flesh if sliced open and a peppery taste.



Clitocybe dealbata Sowerby

Ivory Funnel

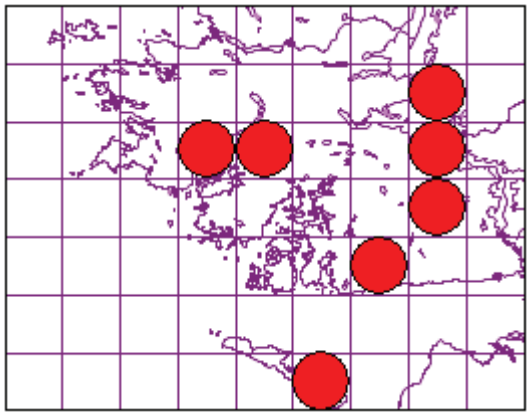
A very poisonous small white fungus often with a frosted cap found in grasslands



Clitocybe fragrans Sowerby

Fragrant Funnel

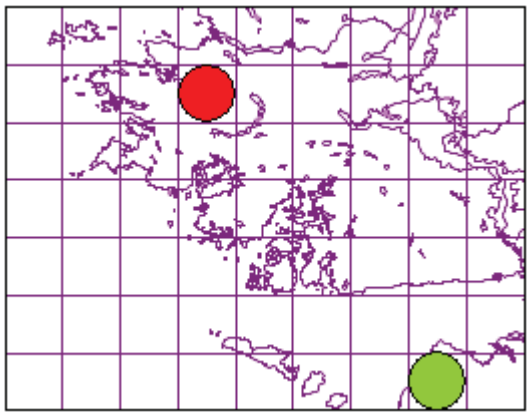
Not uncommon in grasslands



Clitocybe geotropa (Bull.) Fr.

Trooping Funnel

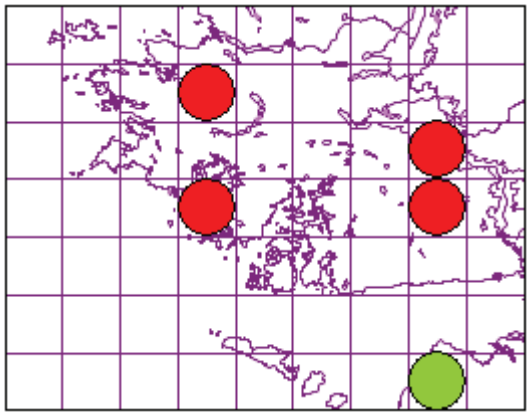
Large white Clitocybe with a central umbo and clavate stem



Clitocybe nebularis (Batsch) Quél.

Clouded Funnel

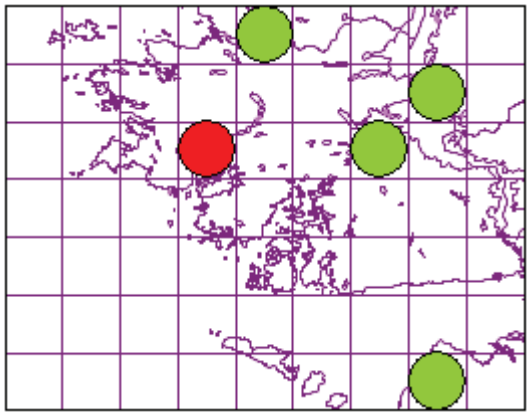
A common saprophyte in leaf litter. Often appearing late in the season.



Clitopilus prunulus (Scop.) Fr.

The Miller

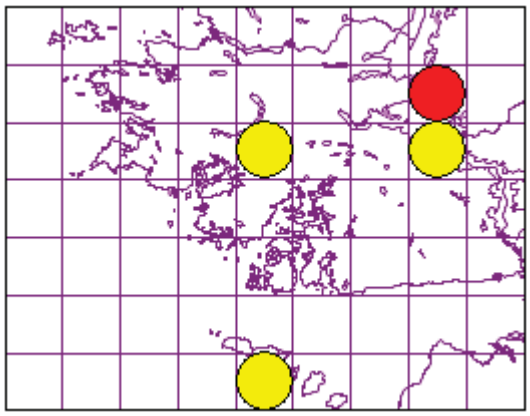
An ectomycorrhizal species smelling strongly of flour.



Collybia butyracea f. butyracea (Bull.) P. Kumm.

Butter Cap

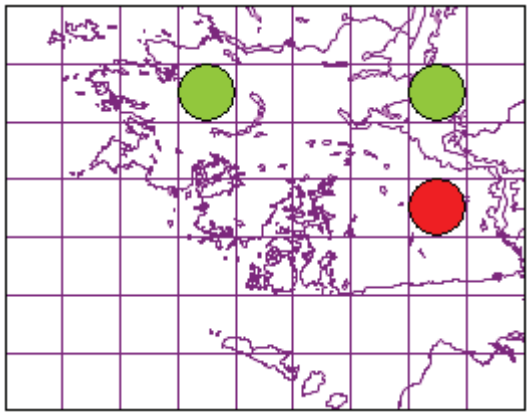
A common saprophyte in leaf litter



Collybia confluens (Pers.) P. Kumm.

Clustered Toughshank

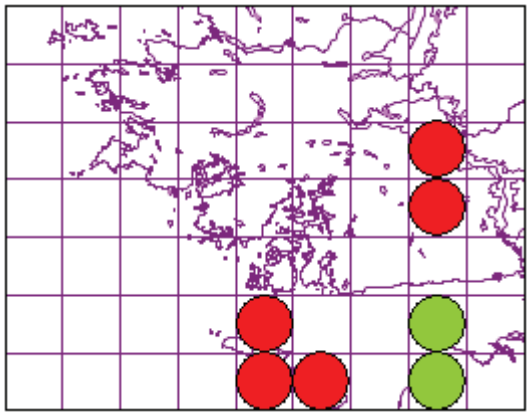
A common saprophyte in leaf litter



Collybia dryophila (Bull.) P. Kumm.

Russet Toughshank

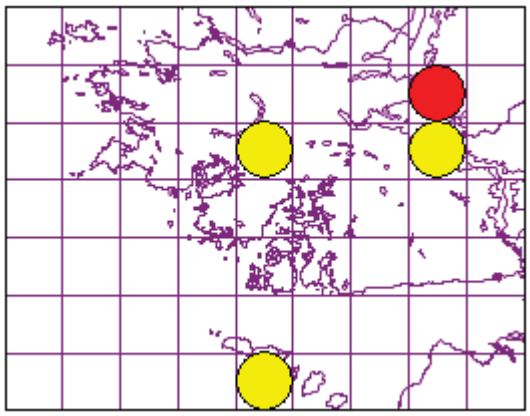
A very common species although rarer further north in Ireland



Coprinopsis atramentaria (Bull.) Fr.

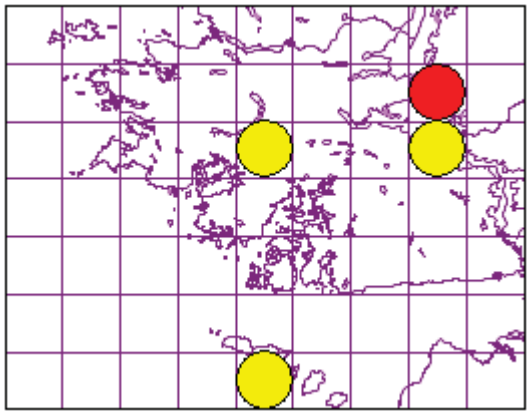
Common Inkcap

Should never to eaten along with alcohol



Coprinopsis romagnesiana (Singer) Redhead, Vilgalys & Moncalvo

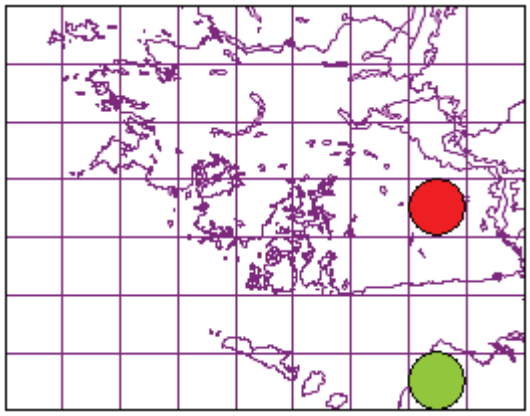
Similar to C.atramentaria but with rusty brown scales



Coprinus comatus (O.F. Müll.) Gray

Shaggy Inkcap

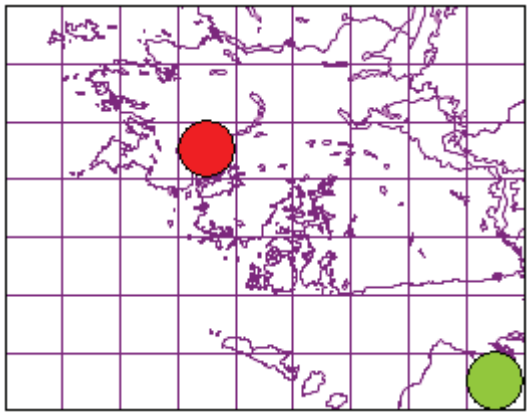
The Shaggy Inkcap



Cortinarius cinnamomeus (L.) Fr.

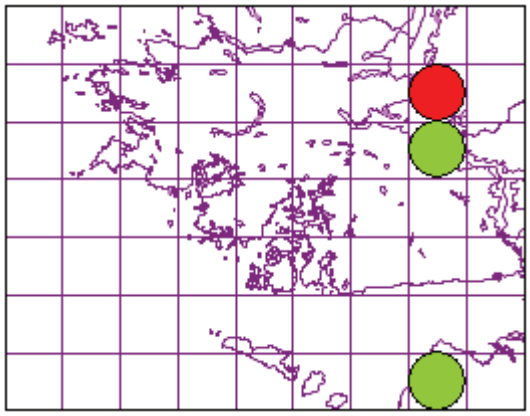
Cinnamon Webcap

An ectomycorrhizal species associated here with Dryas octopetala. Normally associated with a variety of softwood and hardwood trees



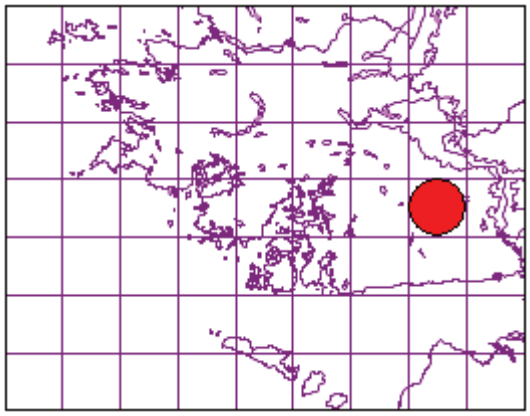
Cortinarius croceus Fr.

An ectomycorrhizal species often found in open grassland with no "usual" ectomycorrhizal species nearby. Possibly mycorrhizal with Carex species. Very similar to C.cinnamomeus



Cortinarius largus Fr.

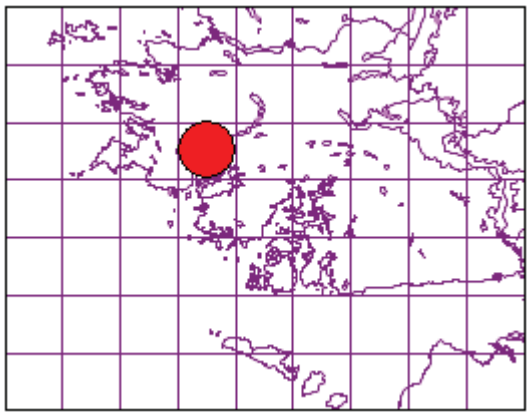
A large Phlegmacium under Beech with only pale violet colours and flesh that goes yellow with KOH.



Cortinarius mucifluus Fr.

Slimy Webcap

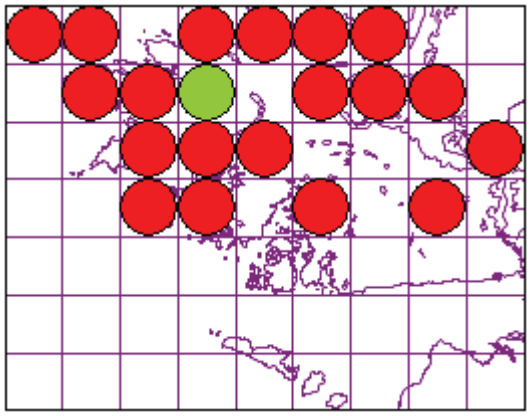
The modern interpretation of this name is for a slimy Cortinarius with no purple on the stem found under Spruce



Cystoderma amianthinum (Scop.) Fr.

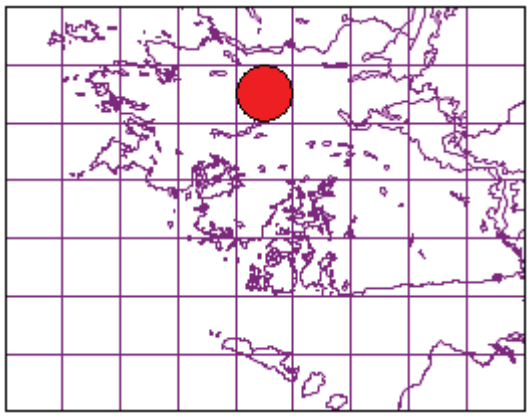
Earthy Powdercap

A common grassland species



Cystoderma granulosum (Batsch) Fayod

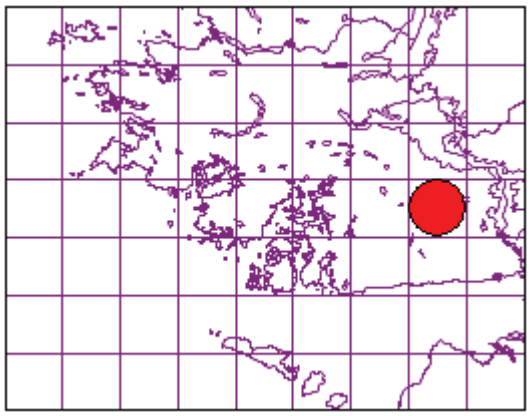
Similar to the common Cystoderma amianthinum with a darker brown cap



Entoloma rhodopolium (Fr.) P. Kumm.

Wood Pinkgill

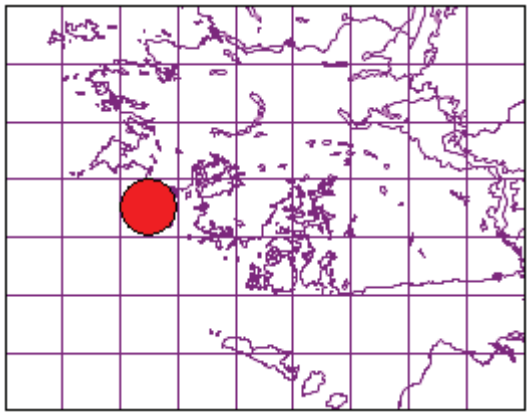
A large browny grey woodland Entoloma



Flammulina velutipes (Curtis) Singer

Velvet Shank

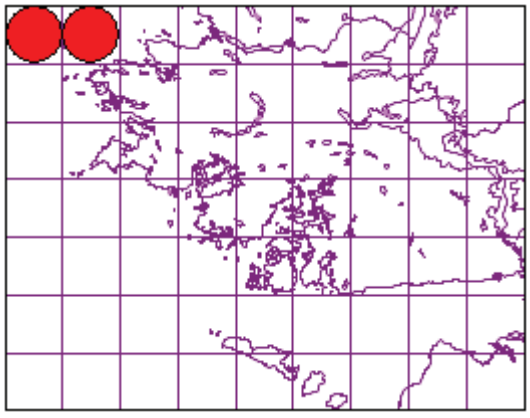
Found on wood with a velvet stipe



Galerina marginata (Batsch) Kühner

Funeral Bell

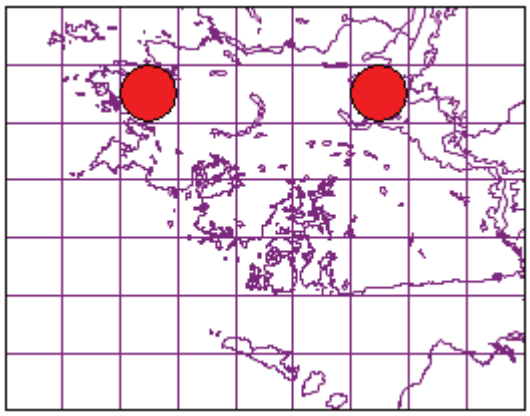
This species has small fruiting bodies, a cap that is hardly striate and a glabrous cap. Includes G.autumnalis.



Galerina vittiformis (Fr.) Singer

Hairy Leg Bell

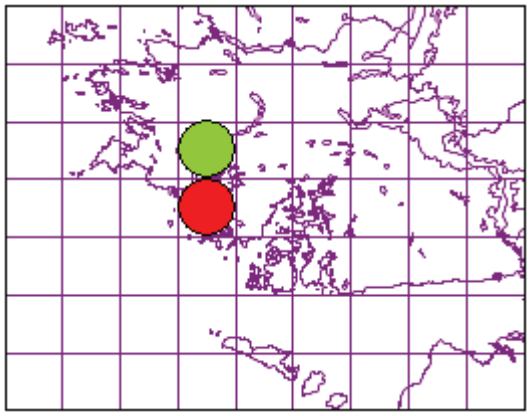
Will be more common as it was not systematically looked for.



Gymnopilus penetrans (Fr.) Murrill

Common Rustgill

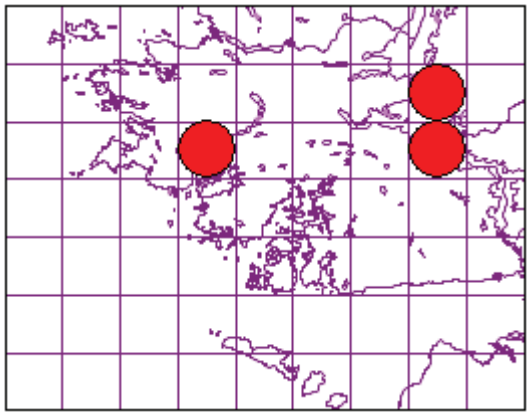
A bright orange species with brown spores found on wood



Hebeloma crustuliniforme (Bull.) Quél.

Poisonpie

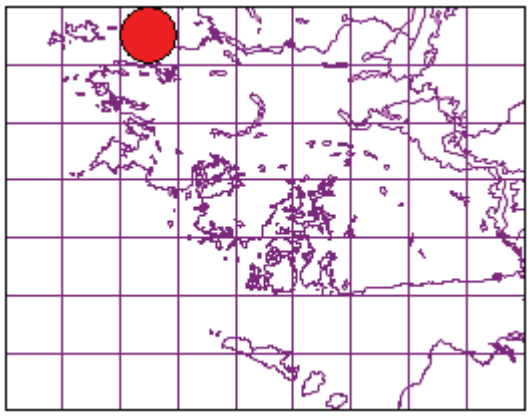
Often over-recorded with a strong radish smell. Spores are non-dextrinoid



Hebeloma mesophaeum (Fr.) Fr.

Veiled Poisonpie

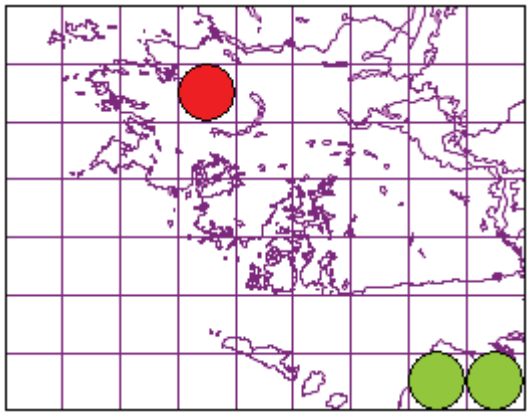
A variable species with velar remnants on the cap.



Hebeloma sinapizans (Fr.) Sacc.

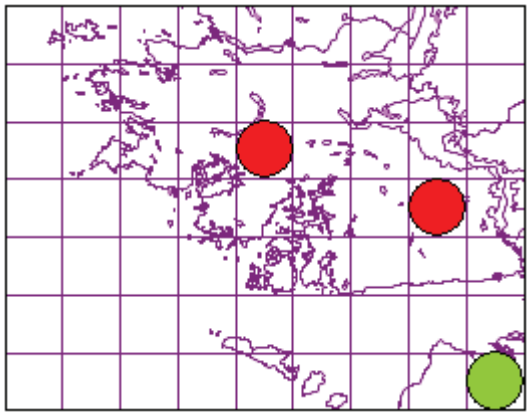
Bitter Poisonpie

One of the largest Hebelomas here found associated with Dryas octopetala



Hebeloma velutipes Bruchet

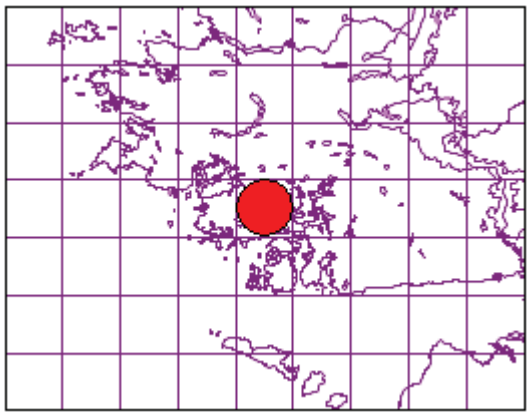
One of the most common species of Hebeloma with spores that are strongly dextrinoid. Found here with Dryas octopetala



Hygrophoropsis aurantiaca (Wulfen) Maire

False Chanterelle

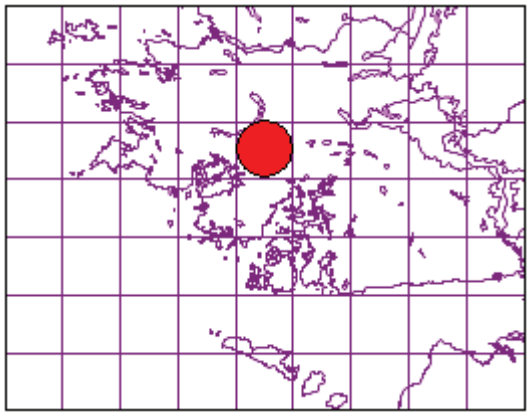
The False Chanterelle with orange gills like tuning forks



Hypholoma elongatum (Pers.) Ricken

Sphagnum Brownie

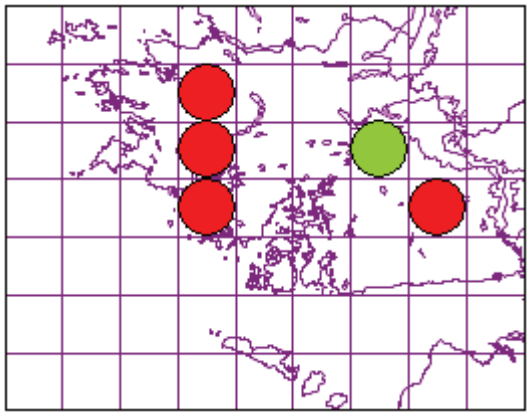
A small long stemmed Hypholoma often found in Sphagnum in wet places



Hypholoma fasciculare (Huds.) P. Kumm.

Sulphur Tuft

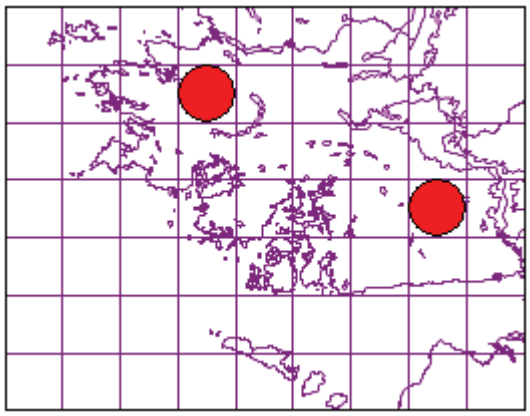
Very common saprophyte



Inocybe geophylla var. geophylla (Fr.) P. Kumm.

White Fibrecap

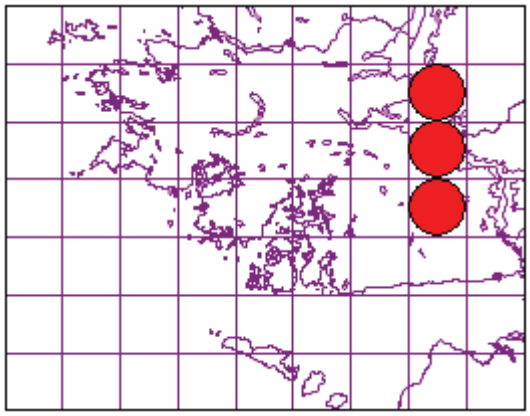
A common Inocybe - small and white and a spermatic smell



Inocybe geophylla var. lilacina Gillet

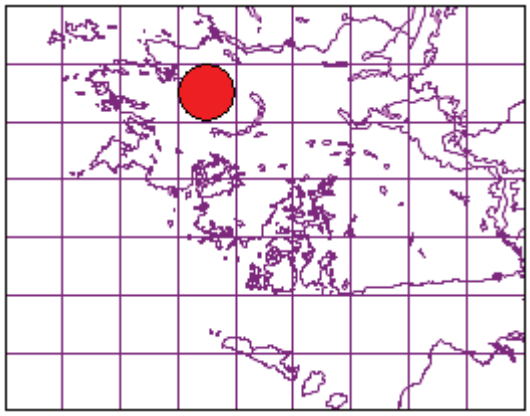
Lilac Fibrecap

Common purple ectomycorrhizal species with brown spore print



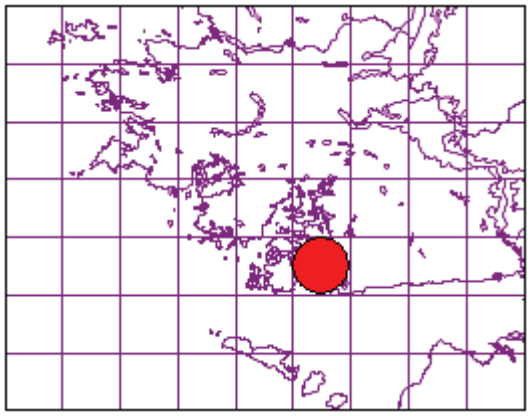
Inocybe grammata Quél. & Le Bret.

A distinctive Inocybe with pink tinges to the margin of the cap and with a white umbo. The stem can also be pinkish, is pruinous right to the base. The nodulose but weakly so.



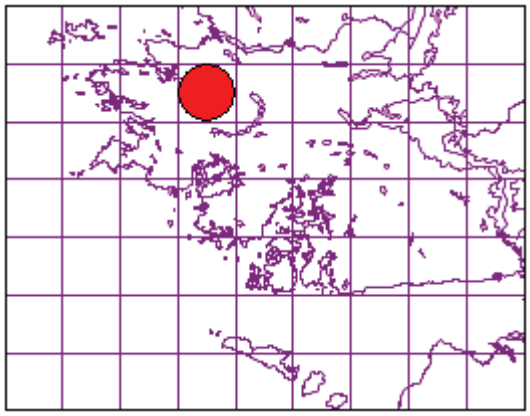
Inocybe mixtilis (Britzelm.) Sacc.

Another Inocybe with nodulose spores and a marginate bulb but with smaller elongate spores



Inocybe praetervisa Quél.

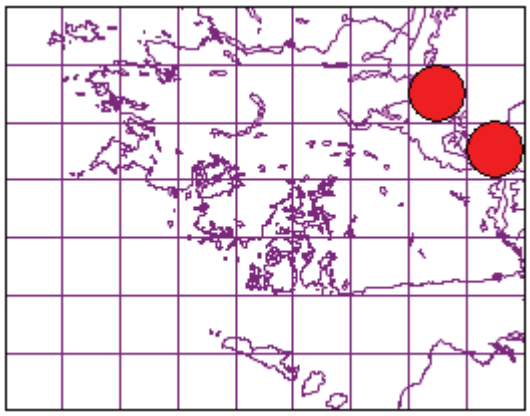
This Inocybe has long nodulose spores, an abrupt marginate bulb at the base of the stipe and a pale ochre cap.



Inocybe rimosa (Bull.) P. Kumm.

Split Fibrecap

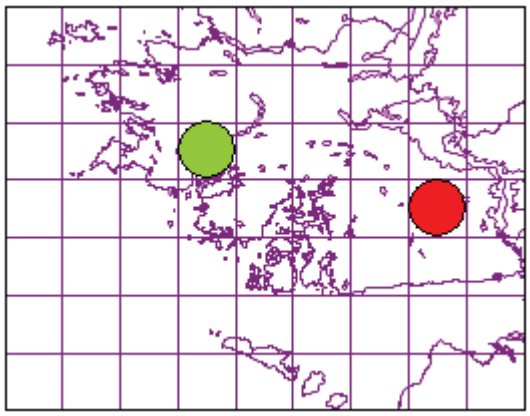
A variable species with a pale ochre cap often radially split. It has smooth spores and cheilocystidia without any crystals.



Laccaria amethystina Cooke

Amethyst Deceiver

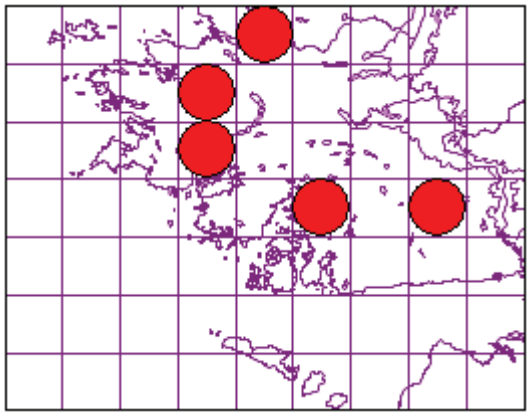
Totally purple in colour and very attractive



Laccaria laccata (Scop.) Fr.

Deceiver

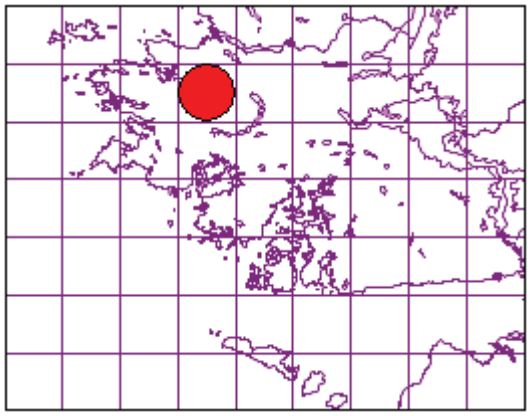
The Deceiver which as its name suggests is very variable



Lacrymaria lacrymabunda (Bull.) Pat.

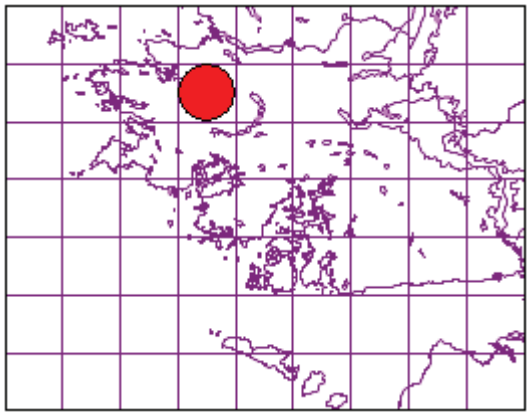
Weeping Widow

With dark drops on the gills



Lacrymaria pyrotricha (Holmsk.) Konrad & Maubl.

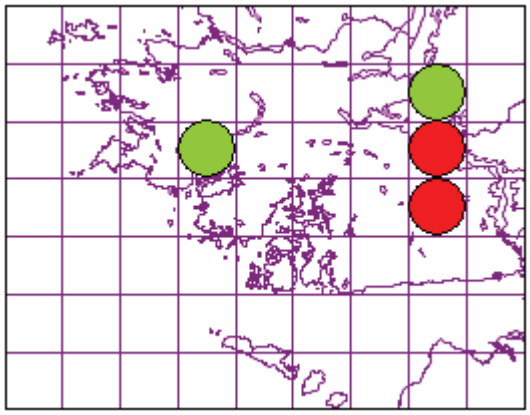
A bright red Lacrymaria that is rarely found in Ireland



Lactarius blennius (Fr.) Fr.

Beech Milkcap

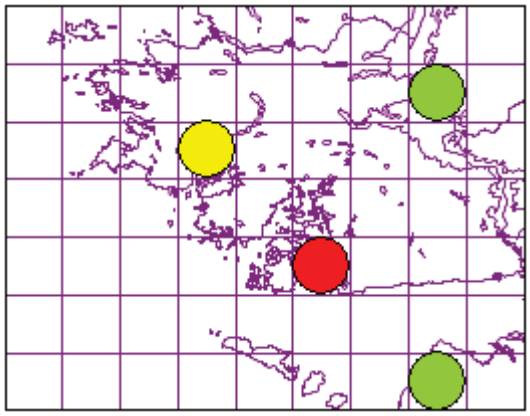
Very common under beech



Lactarius deliciosus (L.) Fr.

Saffron Milkcap

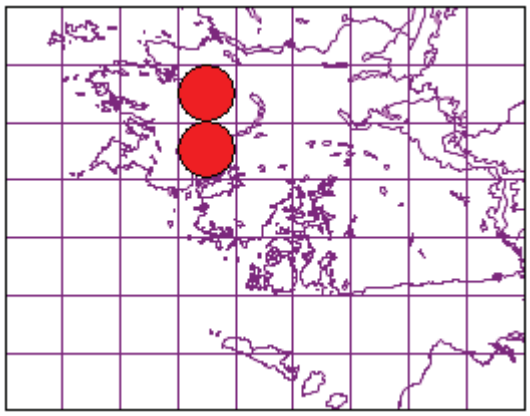
Found under pine - with carrot coloured milk



Lactarius deterrimus Gröger

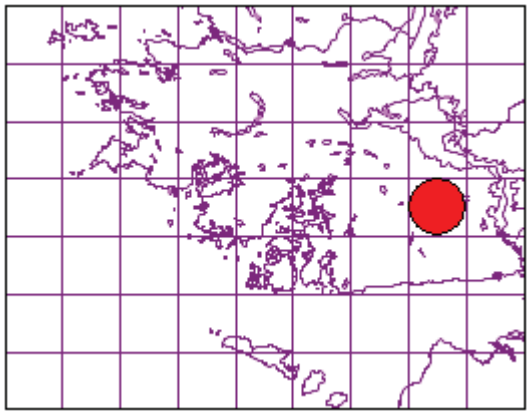
False Saffron Milkcap

An orange milk cap with carrot coloured milk that goes often green. Found under Spruce.



Lactarius fluens Boud.

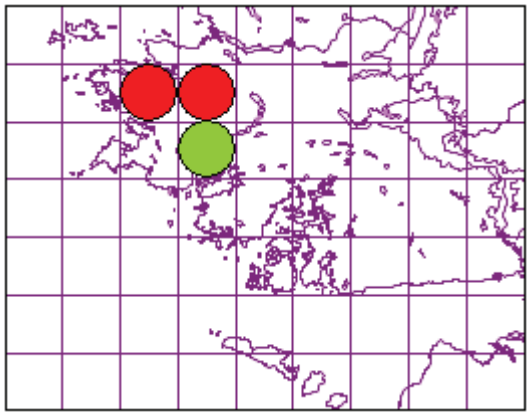
Very similar to Lactarius blennius with creamy coloured gills and a pale cap margin



Lactarius glyciosmus (Fr.) Fr.

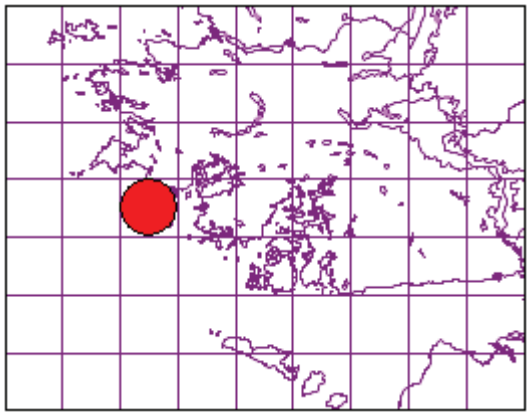
Coconut Milkcap

A coconut smelling milk cap



Lactarius lacunarum Romagn. ex Hora

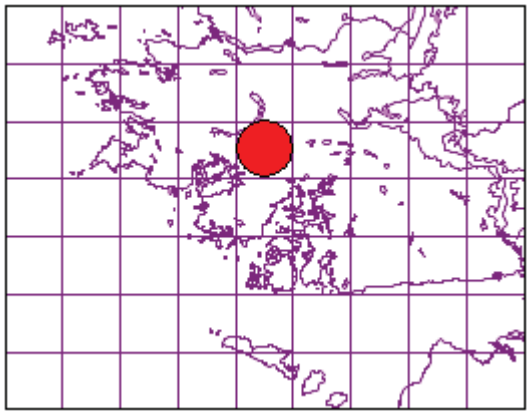
Notably found on the Salix repens in coastal heath in this survey. Usually in damp woodland



Lactarius mitissimus Fr.

Orange Milkcap

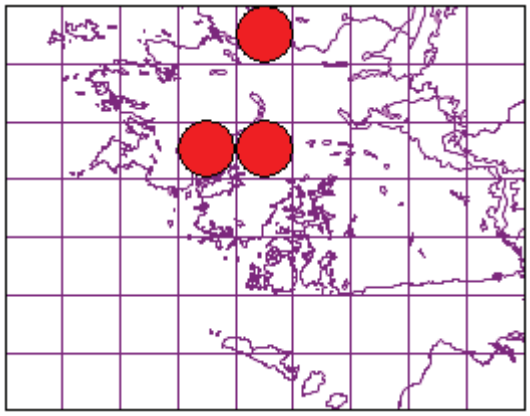
A bright orange milkcap with adnate gills



Lactarius pubescens Fr.

Bearded Milkcap

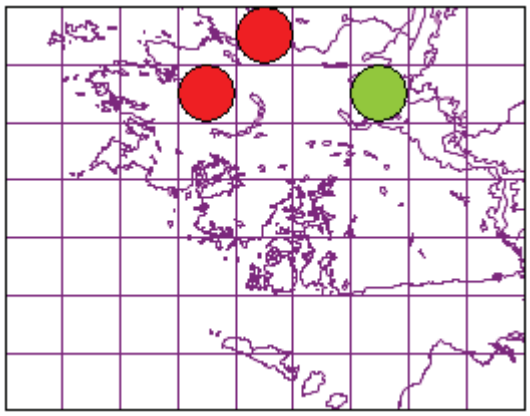
Commonly associated with young Betula



Lactarius pyrogalus (Bull.) Fr.

Fiery Milkcap

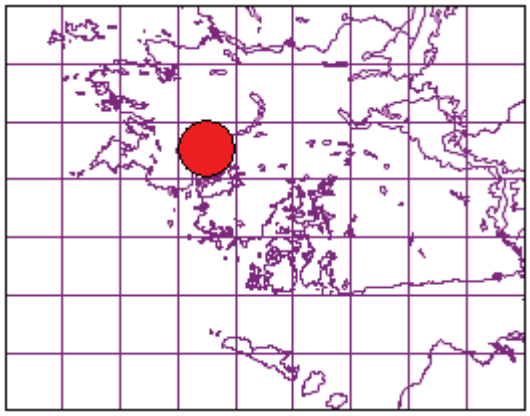
Found under Hazel, this has firey hot milk and dark ochre gills



Lactarius quietus (Fr.) Fr.

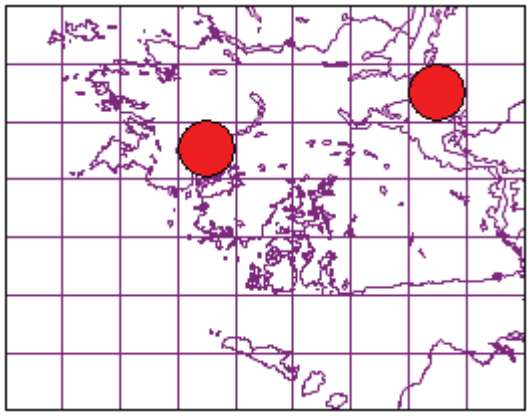
Oakbug Milkcap

Very common under Oak. Has a distinctive smell



Lactarius salmonicolor R. Heim & Leclair

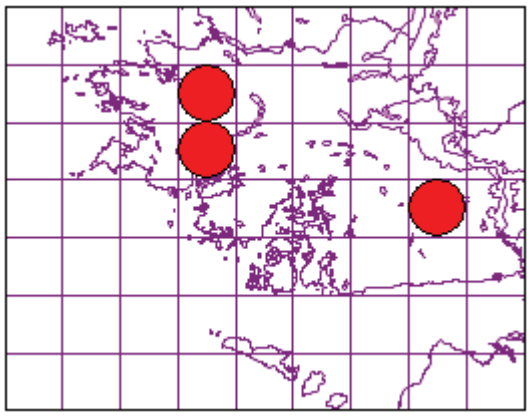
The only orange milk cap with carrot coloured milk found under Abies



Lactarius serifluus (DC.) Fr.

Watery Milkcap

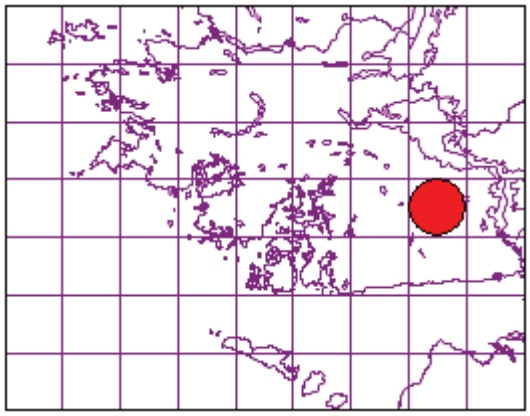
A brown dry milkcap with watery milk. Very close to L.subumbonatus.



Lactarius subdulcis (Bull.) Fr.

Mild Milkcap

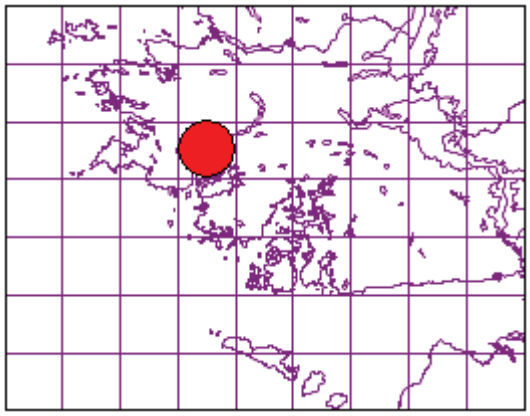
Very common brown milkcap under beech



Lactarius torminosus (Schaeff.) Pers.

Woolly Milkcap

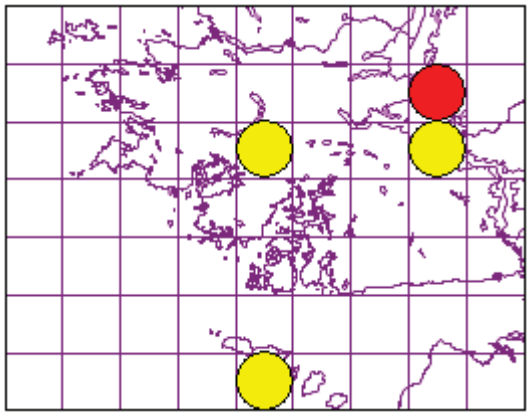
A distinctive pink hairy zoned milkcap



Leccinum scabrum var. scabrum (Bull.) Gray

Brown Birch Bolete

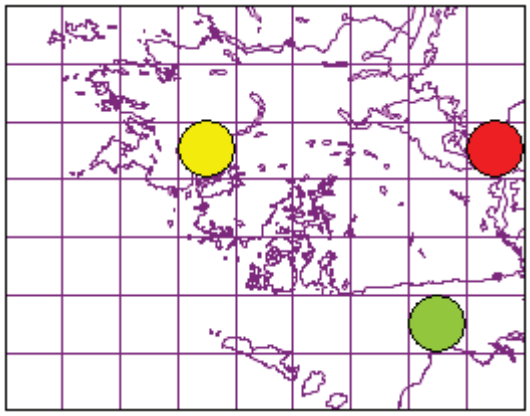
The common Leccinum. This is the modern interpretation which includes many forms recently recognised as separate species e.g. L.pulchrum, L.roseofractum and L.rigidipes



Lepiota cristata (Alb. & Schwein.) Quél.

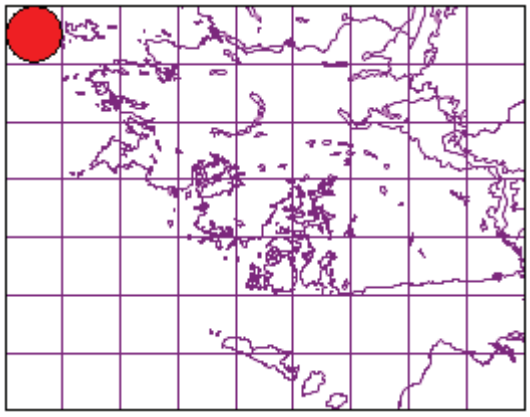
Stinking Dapperling

A small species with a brown scaly cap and a very strong distinctive smell



Lepiota pseudolilacea Huijsman

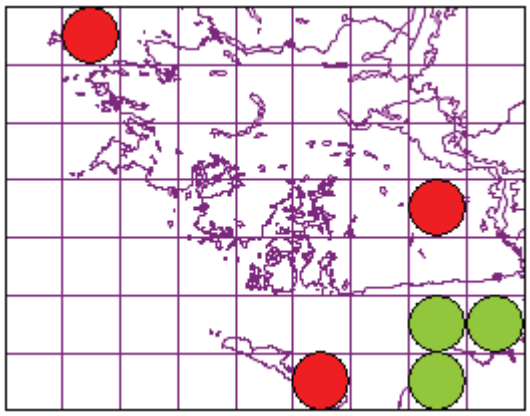
A Lepiota that is usually found in woods but occasionally on heaths. Needs careful a microscopic check



Lepista nuda (Bull.) Cooke

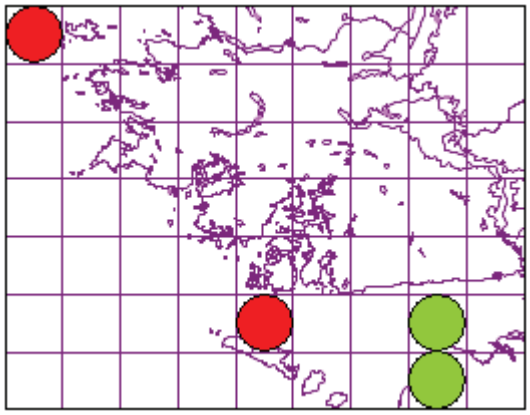
Wood Blewit

Very common in grassland as well as woods and gardens



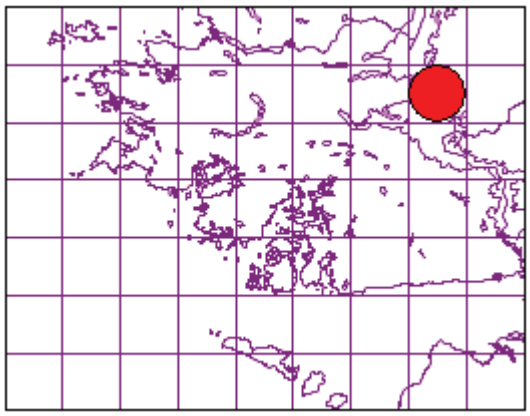
Lepista panaeola (Fr.) P. Karst.

Unusual species of Lepista with grey brown colours



Lepista sordida (Fr.) Singer

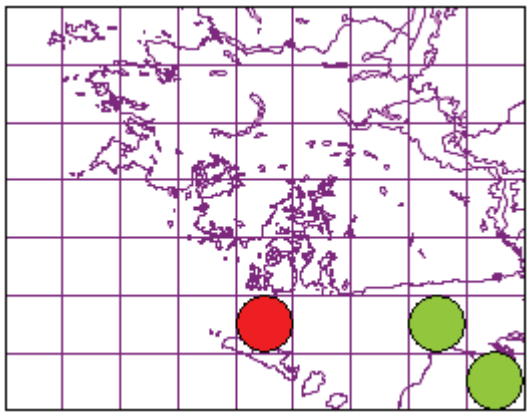
A small Lepista with purple colours



Leucopaxillus giganteus (Sowerby) Singer

Giant Funnel

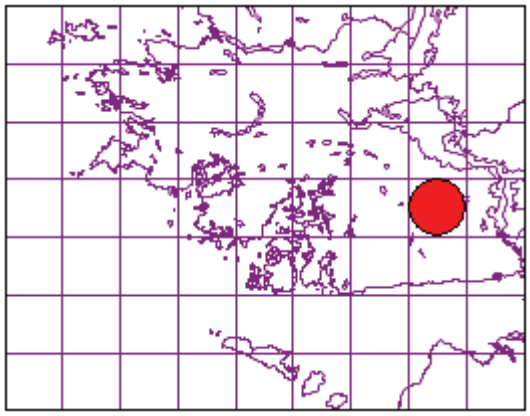
A large species occasionally found in grassland but usually in woodland



Lyophyllum decastes (Fr.) Singer

Clustered Domecap

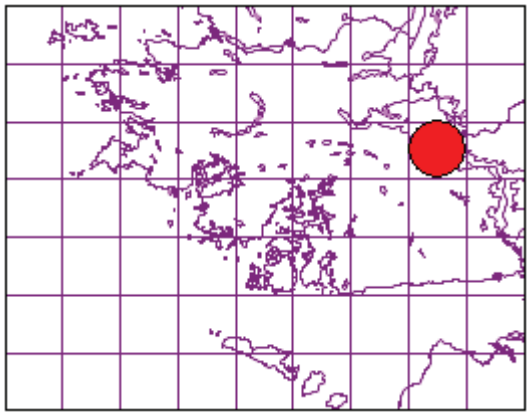
Found in clumps of fruiting bodies, this has a dark cap



Macrolepiota procera (Scop.) Singer

Parasol

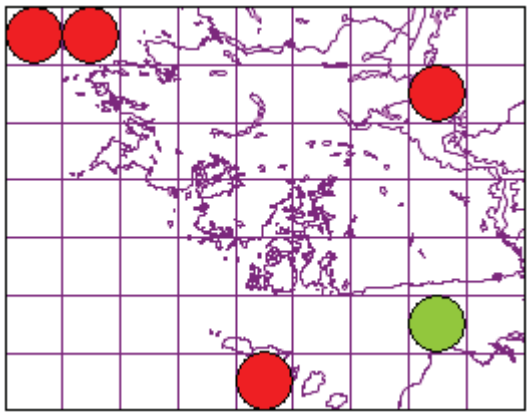
Large species with a scaly cap and stipe



Marasmius oreades (Bolton) Fr.

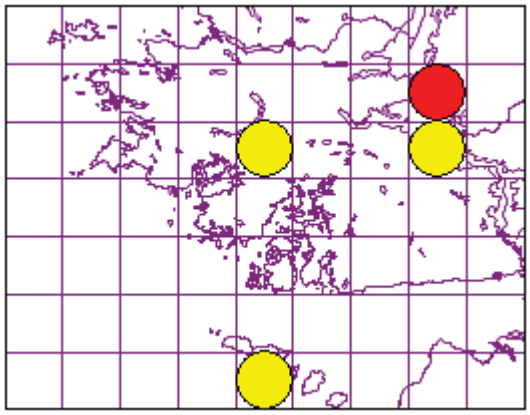
Fairy Ring Champignon

Common in grasslands, it has a very tough stipe and often found in rings



Melanoleuca friesii (Bres.) Bon

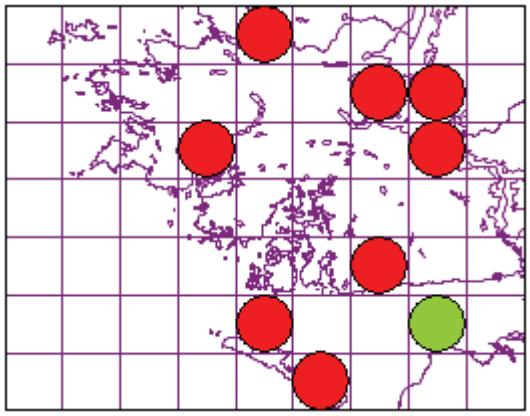
A new name including M.albifolia, M.leucophylla and M.arcuata



Melanoleuca polioleuca f. polioleuca (Fr.) Kühner & Maire

Common Cavalier

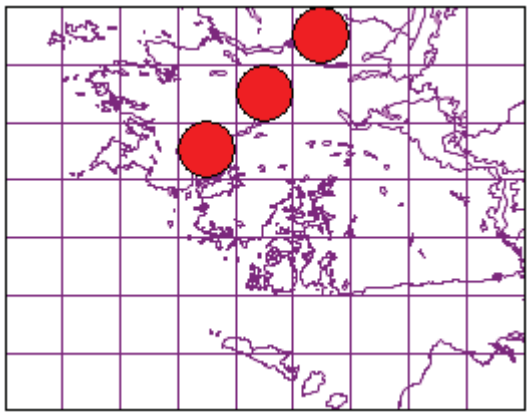
Often recorded as M. melaleuca in the past but the latter lacks cystidia



Mycena adonis var. adonis (Bull.) Fr.

Scarlet Bonnet

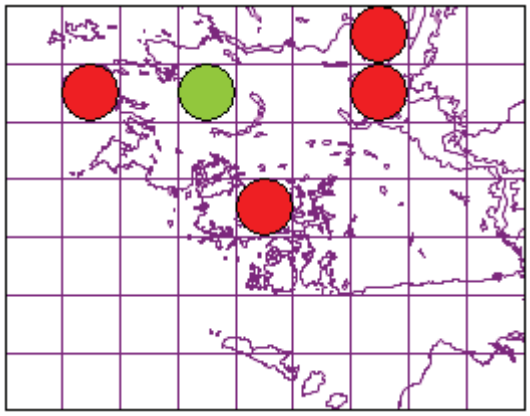
A striking pink Mycena



Mycena epipterygia var. epipterygia (Scop.) Gray

Yellowleg Bonnet

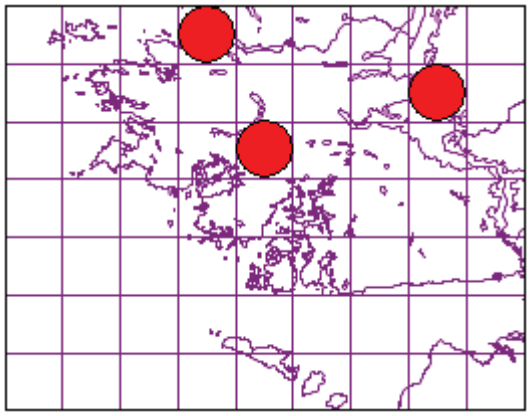
Has a cap with a viscid layer that can peel off.



Mycena flavoalba (Fr.) Quél.

Ivory Bonnet

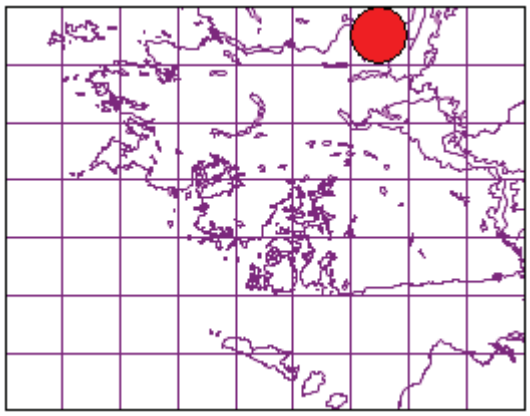
A small common white species in grassland



Mycena galericulata (Scop.) Schaeff.

Common Bonnet

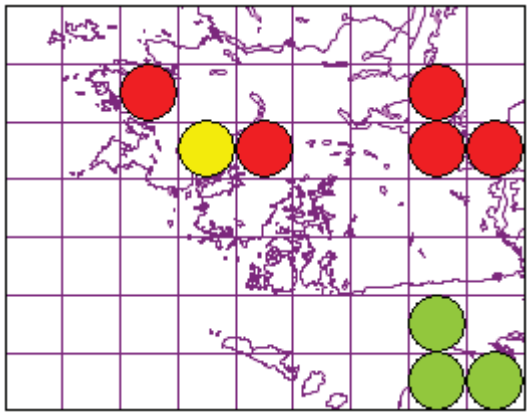
Common on wood



Mycena pura var. pura (Pers.) P. Kumm.

Lilac Bonnet

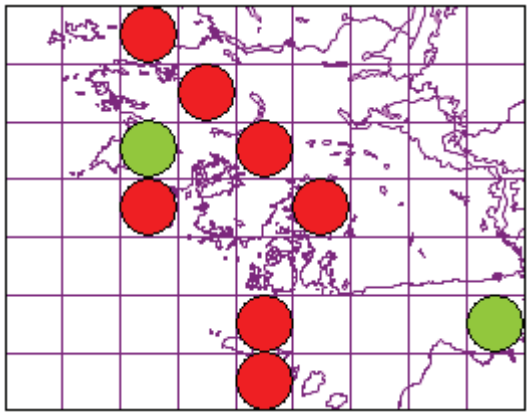
Common species of woodland and grassland with strong radish smell



Panaeolina foenisecii (Pers.) Maire

Brown Mottlegill

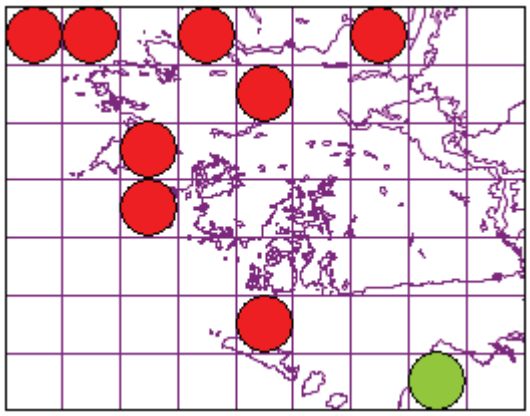
Very common in domestic lawns



Panaeolus acuminatus (Schaeff.) Gillet

Dewdrop Mottlegill

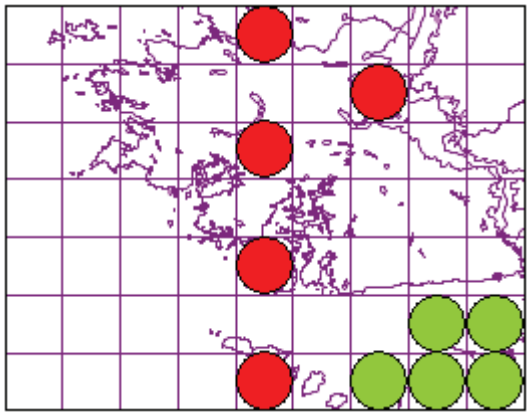
Very common "little brown job" with mottled gills



Panaeolus papilionaceus var. papilionaceus (Bull.) Quél.

Petticoat Mottlegill

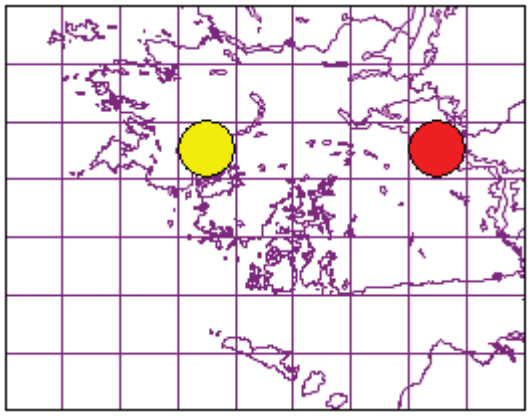
Very common - includes P.sphinctrinus



Paxillus involutus (Batsch) Fr.

Brown Rollrim

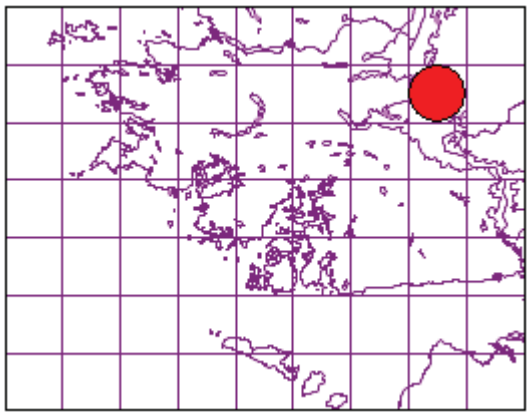
The brown roll-rim. Usually found under Betula but here with Picea



Pluteus cervinus P. Kumm.

Deer Shield

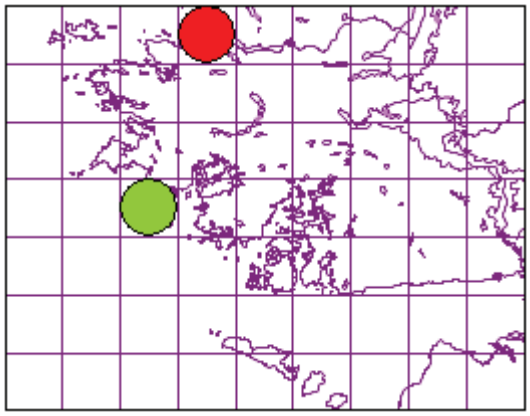
A common species on dead wood



Psathyrella ammophila (Durieu & Lév.) P.D. Orton

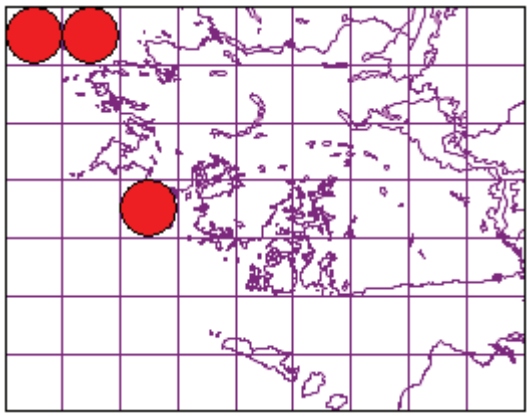
Dune Brittlestem

Found in embryo dunes



Psilocybe coprophila (Bull.) P. Kumm.

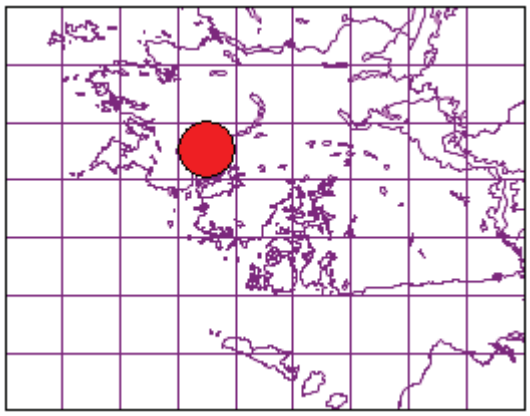
Small fungus on dung



Psilocybe cyanescens Wakef.

Blueleg Brownie

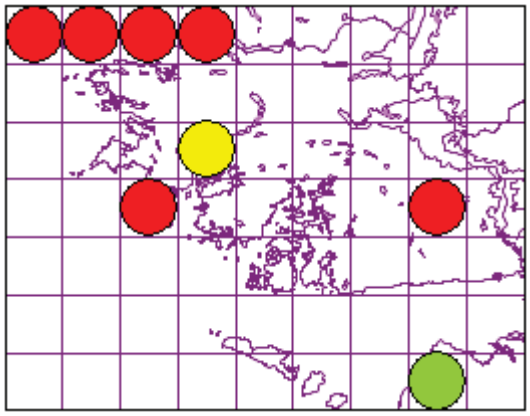
A species rapidly spreading in the British Isles mainly on woodchips



Psilocybe semilanceata (Fr.) P. Kumm.

Liberty Cap

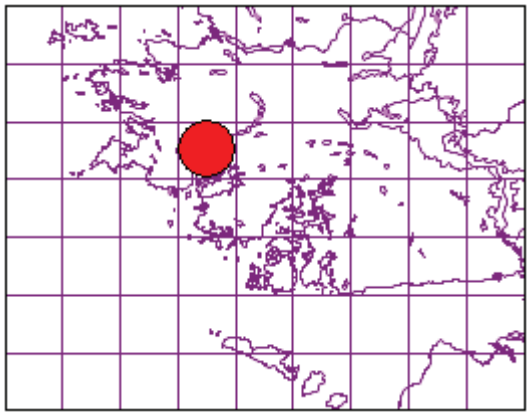
The Magic Mushroom – a common species with a distinctive nipple



Rickenella fibula (Bull.) Raithelh.

Orange Mosscap

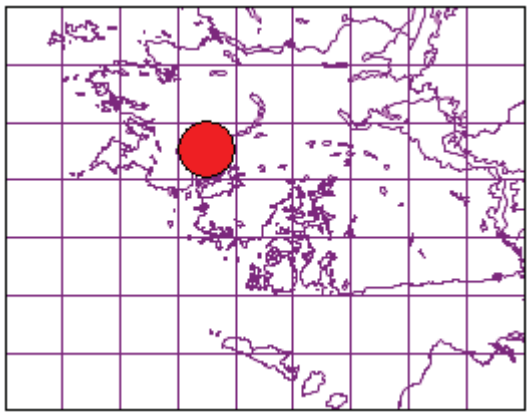
Small orange fungus with decurrent gills found in grassland



Russula betularum Hora

Birch Brittlegill

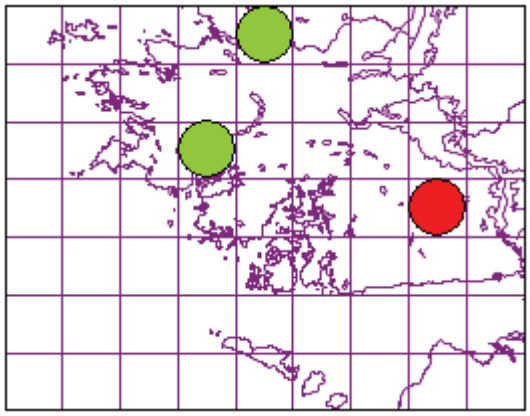
Small red Russula that can fade to white. Firey taste to the gills



Russula cyanoxantha (Schaeff.) Fr.

Charcoal Burner

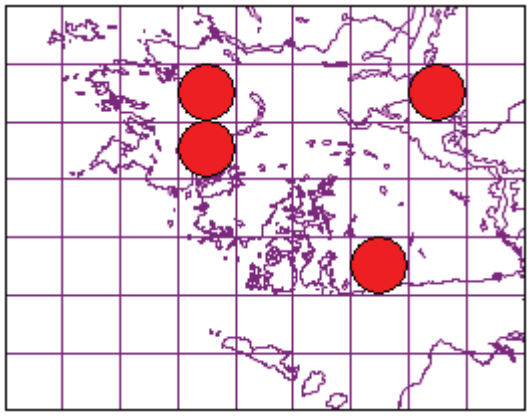
A variable edible Russula with waxy gills.



Russula delica Fr.

Milk White Brittlegill

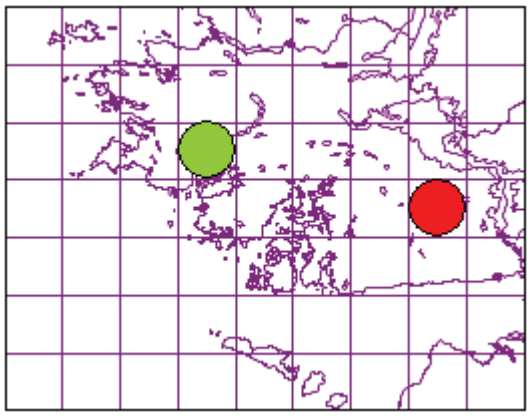
Large white Russula with a depressed centre to the cap



Russula fellea Fr.

Geranium Brittlegill

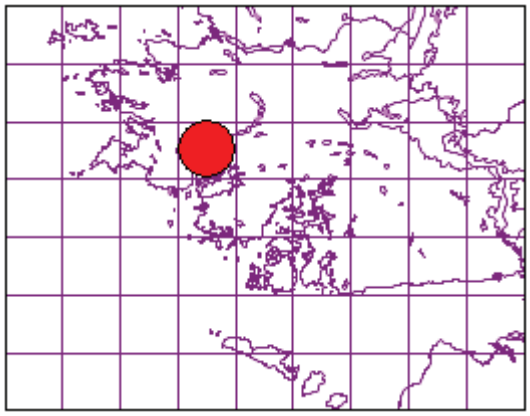
Yellow Russula smelling of apples



Russula fragilis (Pers.) Fr.

Fragile Brittlegill

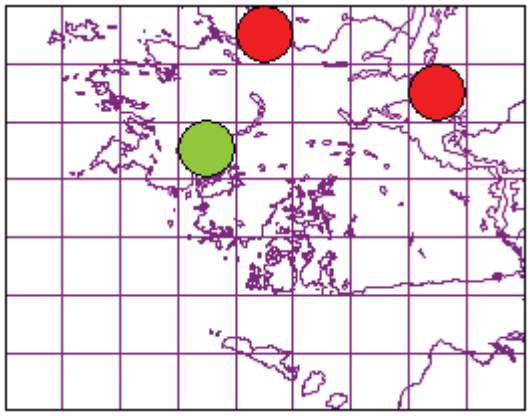
Common under Oak and Beech



Russula nigricans (Bull.) Fr.

Blackening Brittlegill

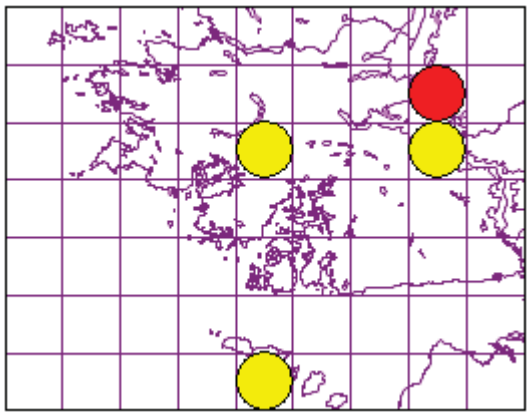
Large blackening Russula with very distant gills. Very common



Russula nobilis Velen.

Beechwood Sickener

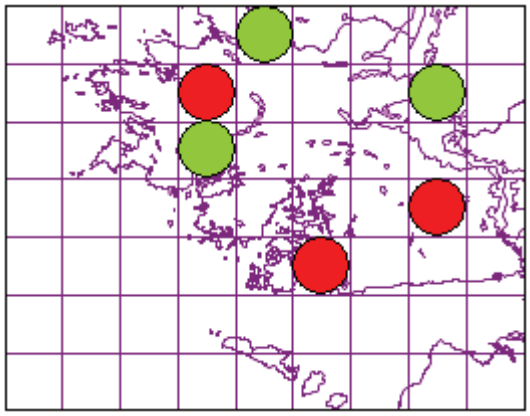
Bright red species with very white gills under beech. Better known as R.mairei.



Russula ochroleuca (Pers.) Fr.

Ochre Brittlegill

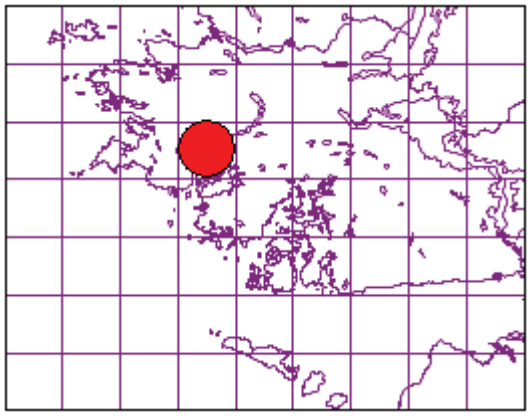
Very common yellow Russula found under a range of trees



Russula queletii Fr.

Fruity Brittlegill

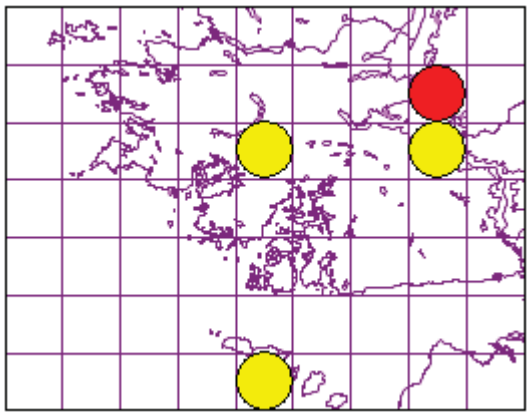
A purple Russula with a red/purple colour on the stem. Its spores have isolated warts and it is found under Spruce



Russula sanguinaria (Schumach.) Rauschert

Bloody Brittlegill

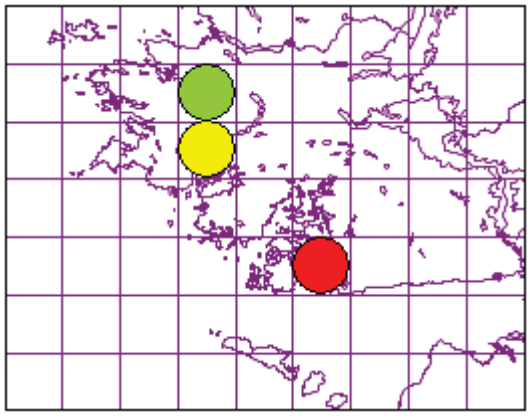
Dry red Russula with a cap that hardly peels under Pine



Russula sardonia Fr.

Primrose Brittlegill

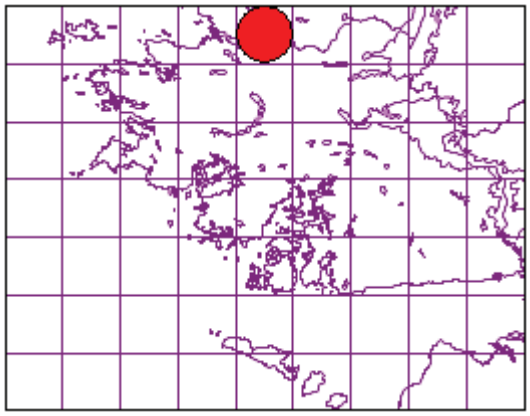
Similar to R.queletii but found under Pinus. The gills go pink with a drop of ammonia



Russula versicolor Jul. Schaeff.

Variable Brittlegill

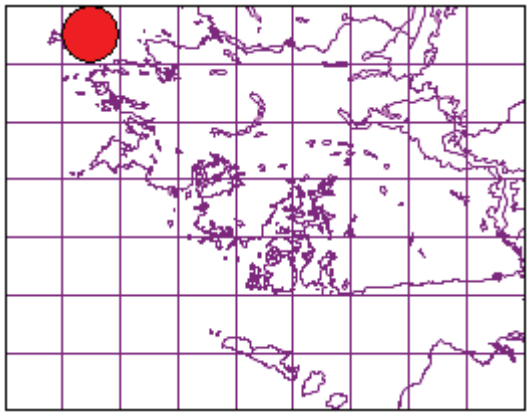
A fragile Russula usually found with Birch



Schizophyllum commune (L.) Fr.

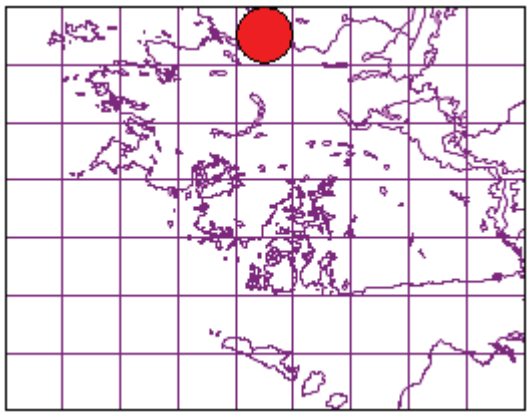
Common Porecrust

Found on silage bales. Can badly affect the quality of the silage but good management practice can prevent it from occurring.



Stropharia albonitens (Fr.) P. Karst.

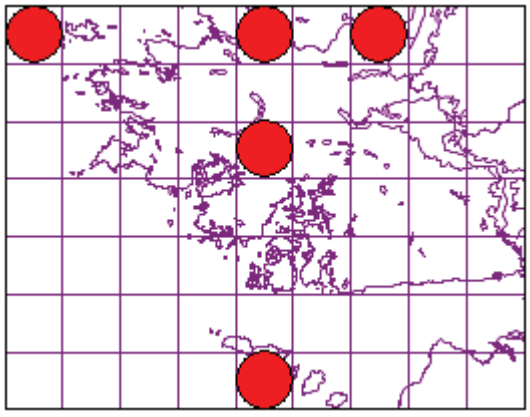
A rare Stropharia that is pure white and very slimy.



Stropharia pseudocyanea (Desm.) Morgan

Peppery Roundhead

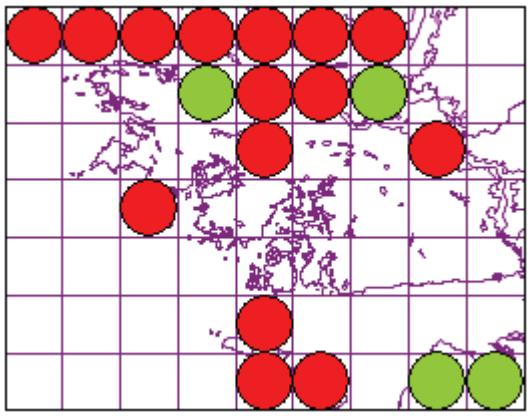
An interesting grassland species often with blue and yellow colours. Has to be checked against S.caerula which has numerous cells at the gill edge filled with yellow material (chrysocystidia)



Stropharia semiglobata (Batsch) Quél.

Dung Roundhead

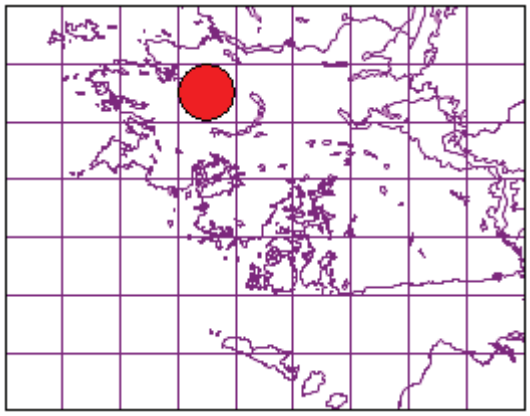
Very common on dung



Suillus bovinus (L.) Roussel

Bovine Bolete

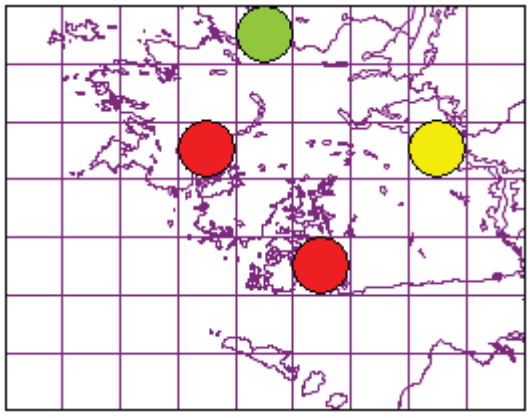
A viscid bolete with decurrent pores



Suillus luteus (L.) Roussel

Slippery Jack

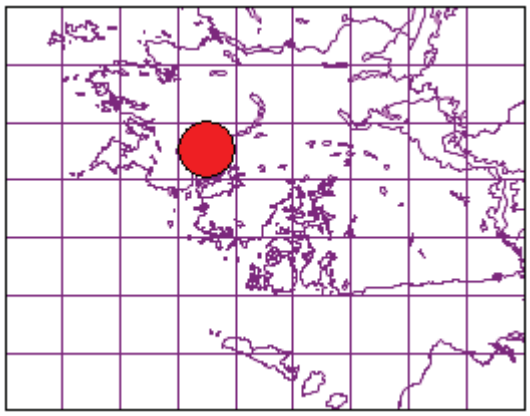
Large and slimy with a ring - found under Pine



Tricholoma album (Schaeff.) P. Kumm.

White Knight

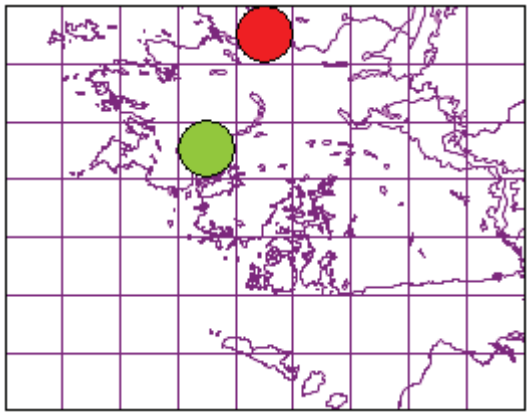
Found under Oak with a strong smell. Needs to be checked carefully for T.stiparophyllum which is usually under Birch



Tricholoma fulvum (Bull.) Bigeard & H. Guill.

Birch Knight

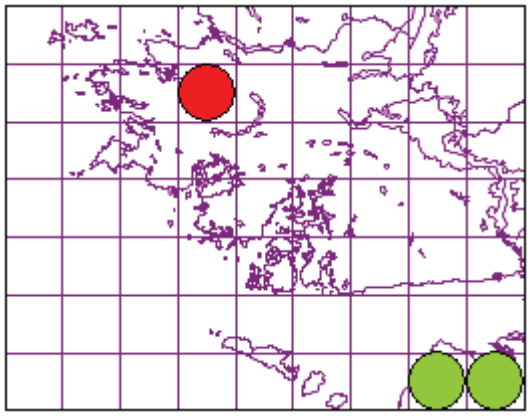
Common species under Birch



Tricholoma scalpturatum (Fr.) Quél.

Yellowing Knight

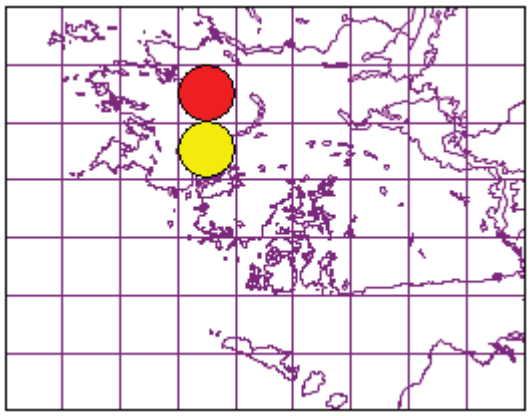
A grey capped ectomycorrhizal species with yellowing gills



Tricholoma terreum (Schaeff.) P. Kumm.

Grey Knight

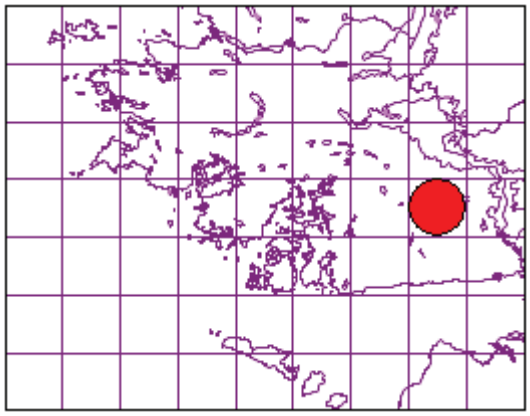
A grey dry Tricholoma found under conifers



Tricholoma ustale (Fr.) Quél.

Burnt Knight

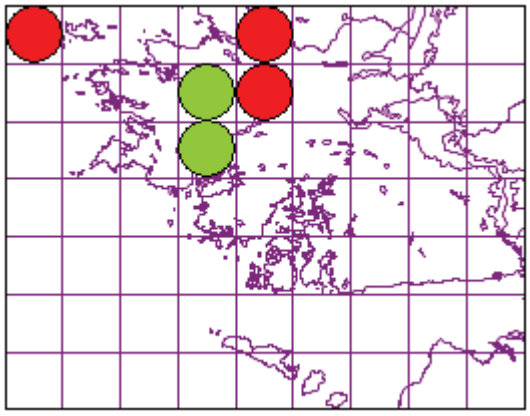
Viscid red brown Tricholoma with a smooth cap under Beech



Tricholomopsis rutilans (Schaeff.) Singer

Plums and Custard

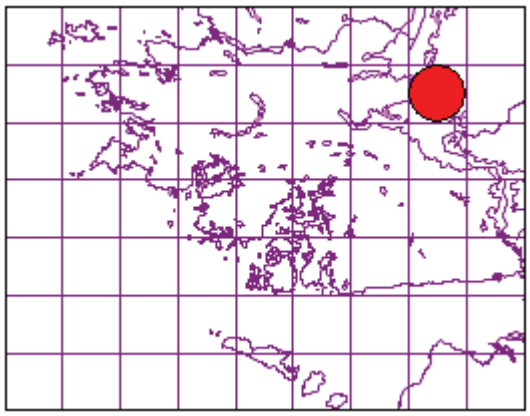
Distinctive species with a plum coloured cap and custard coloured gills. Always associated with wood although it may be buried.



Clavulina coralloides (L.) J. Schröt.

Crested Coral

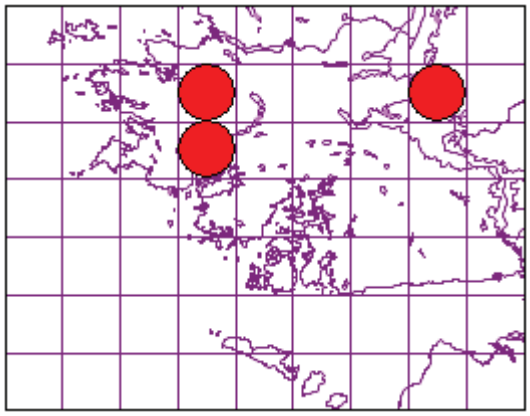
A white, common, woodland Fairy Club



Clavulina rugosa (Bull.) J. Schröt.

Wrinkled Club

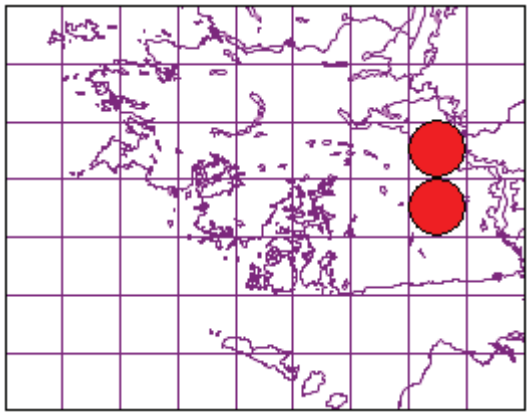
A woodland species of Fairy Club



Ganoderma australe (Fr.) Pat.

Southern Bracket

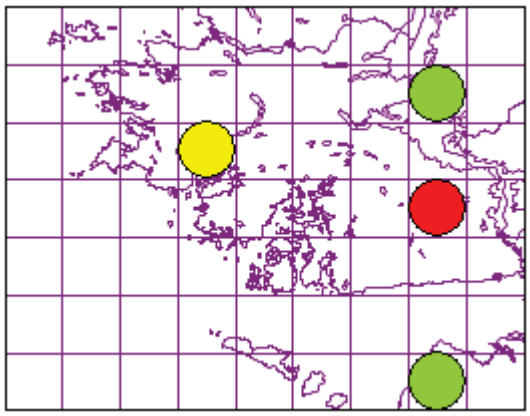
A large perennial bracket fungus. Often mixed with G.applanatum but the spore sizes are quite different.



Hydnum repandum L.

Wood Hedgehog

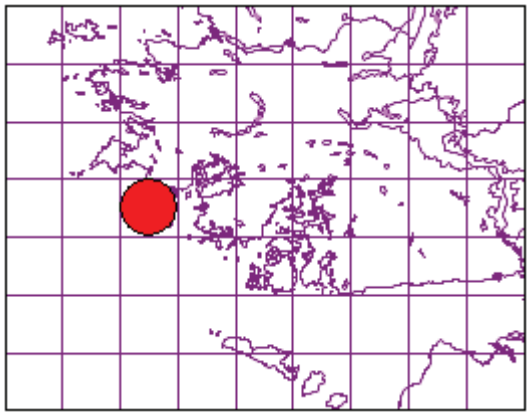
A common ectomycorrhizal species with spines



Peniophora incarnata (Pers.) P. Karst.

Rosy Crust

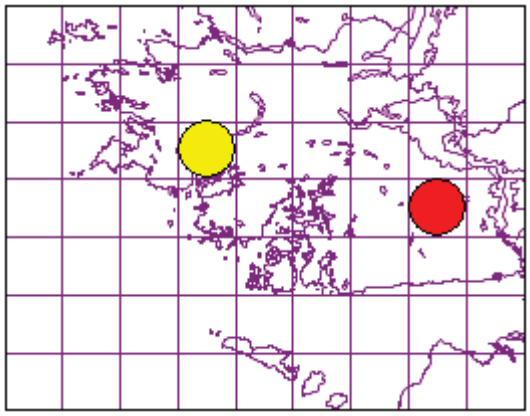
A pink crust on Gorse



Piptoporus betulinus (Bull.) P. Karst.

Birch Polypore

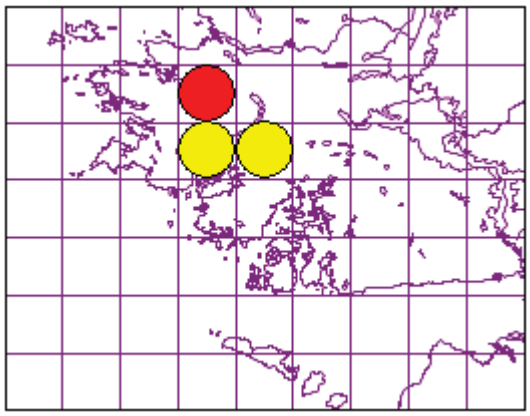
The razor strop fungus found on Birch



Polyporus squamosus (Huds.) Fr.

Dryad's Saddle

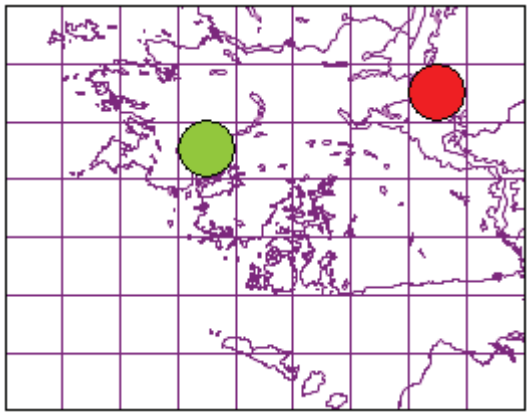
Large annual bracket often fruiting from June



Ramaria stricta (Pers.) Quél.

Upright Coral

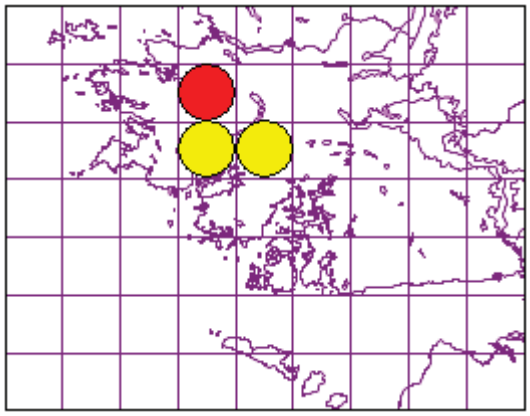
Always on wood although it is often buried



Stereum hirsutum (Willd.) Gray

Hairy Curtain Crust

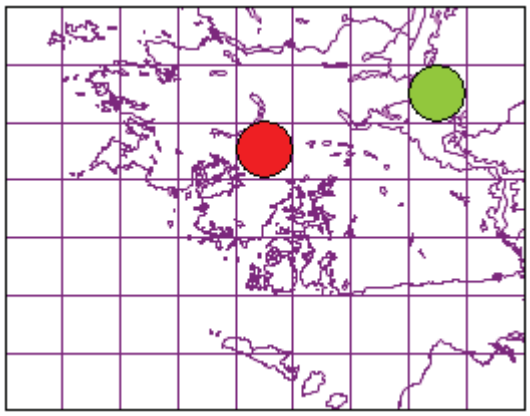
Small hairy bracket. Very common



Stereum rugosum (Pers.) Fr.

Bleeding Broadleaf Crust

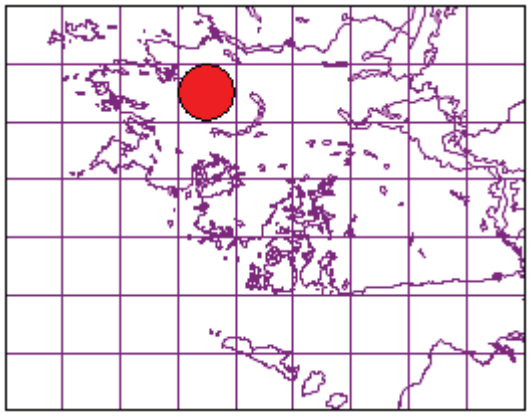
A crust on trees that reddens if scratched



Trametes gibbosa (Pers.) Fr.

Lumpy Bracket

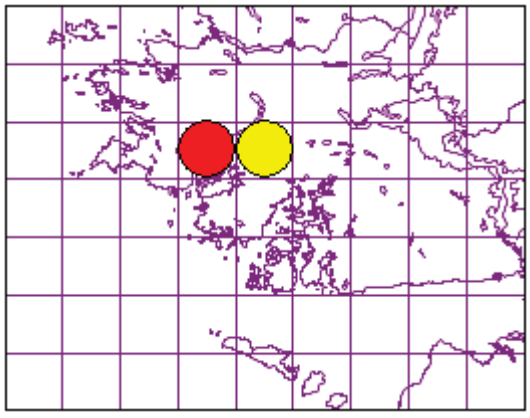
A bracket often found in large groups



Trametes versicolor (L.) Pilát

Turkeytail

Common bracket fungus with concentric rings on the cap

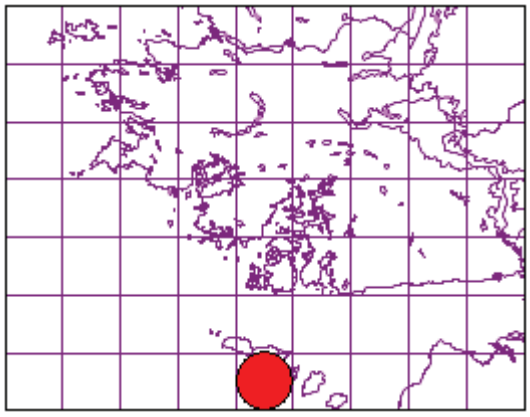


Gasteroid Fungi

Bovista nigrescens Pers.

Brown Puffball

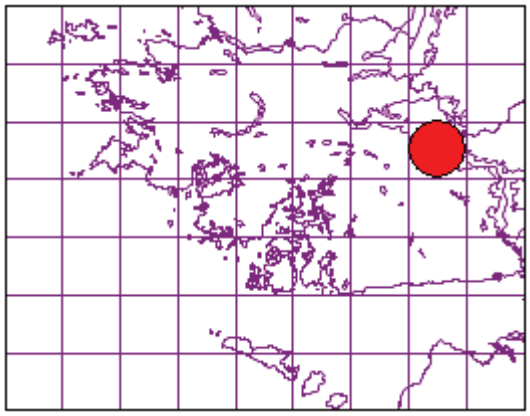
Subglobose fruitbody that can persist in dried state for months. Unlike puffballs, whole fruiting body breaks up to release spores.



Lycoperdon lividum Pers.

Grassland Puffball

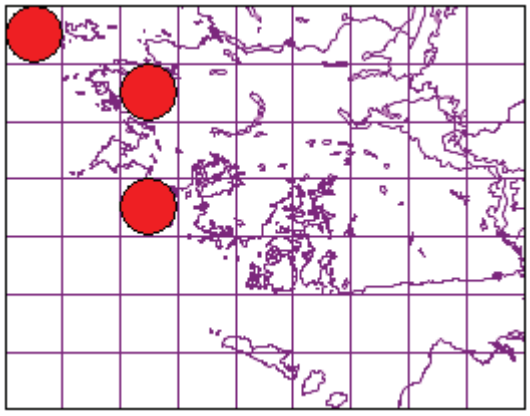
A puffball usually found in grasslands as its name suggests



Lycoperdon nigrescens Wahlenb.

Dusky Puffball

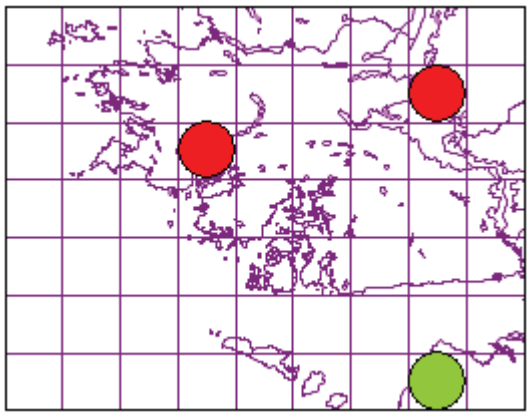
A puffball with black scales found in grassland



Lycoperdon perlatum Pers.

Common Puffball

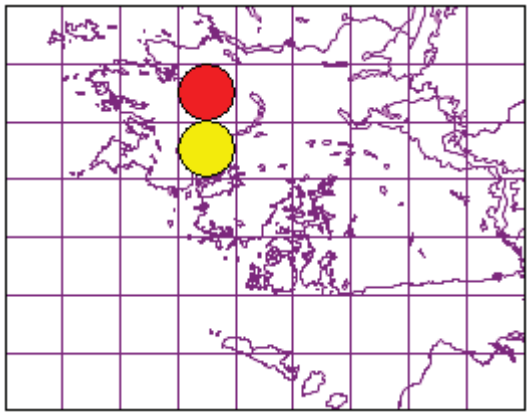
Common woodland puffball



Lycoperdon pyriforme (Schaeff.) Pers.

Stump Puffball

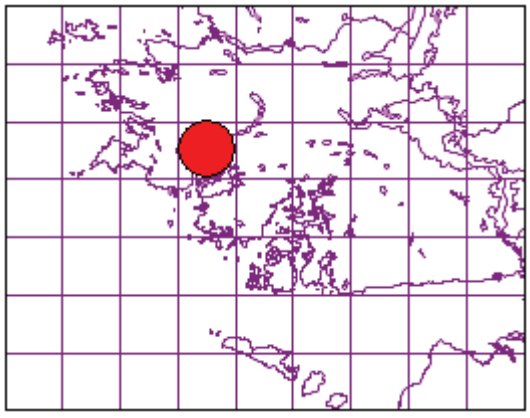
Puffball always found on wood



Scleroderma areolatum Ehrenb.

Leopard Earthball

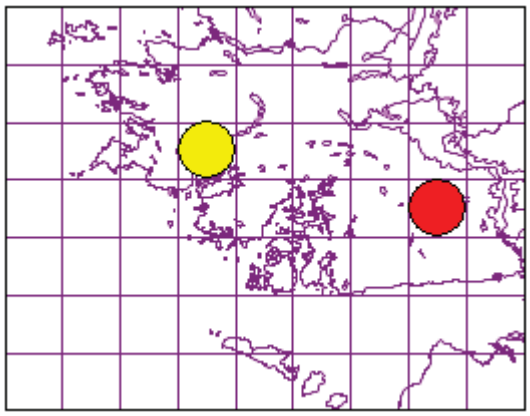
A small earthball with a thin "skin"



Scleroderma citrinum Pers.

Common Earthball

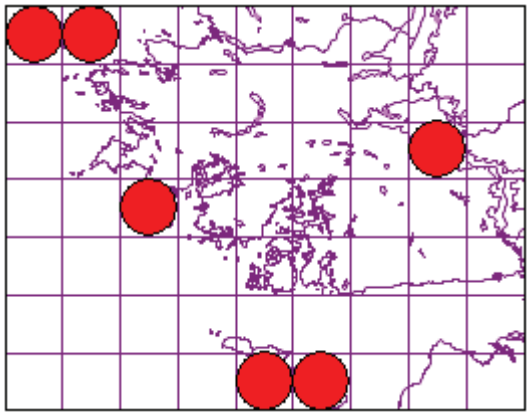
The most common earth ball with a very thick "skin"



Vascellum pratense (Pers.) Kreisel

Meadow Puffball

A common grassland puffball noted by a distinct line between the stipe and main body of the fungus if sliced.

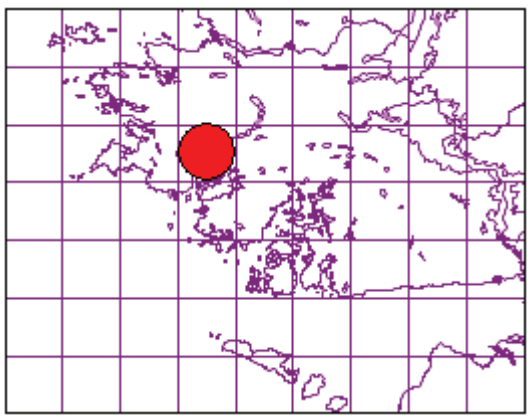


Jellies

Pseudohydnum gelatinosum (Scop.) P. Karst.

Jelly Tooth

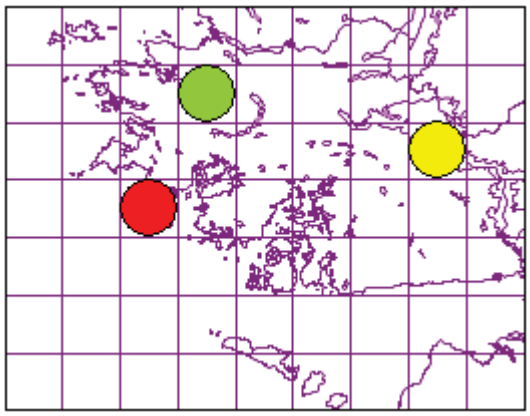
A distinctive jelly fungus with white spines on the underside



Tremella mesenterica Retz.

Yellow Brain

Yellow brain fungus parasitic on hyphae of Peniophora species

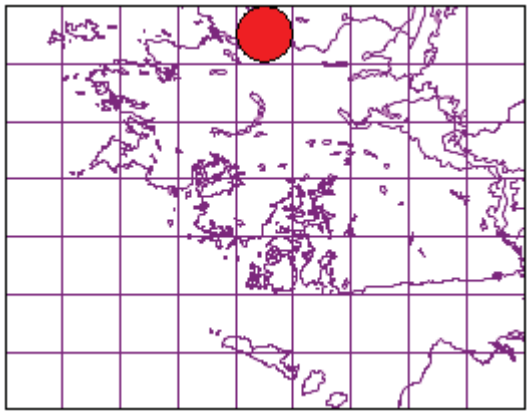


Ascomycetes

Aleuria aurantia Peck

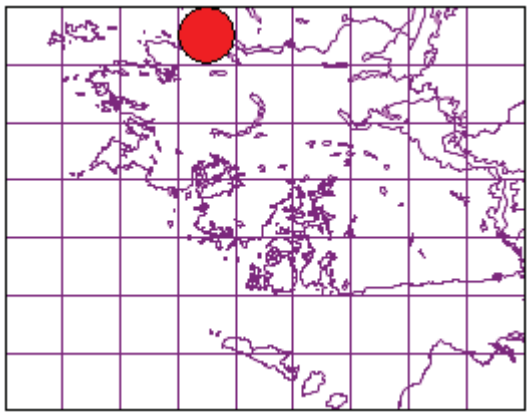
Orange Peel Fungus

Often fruits on disturbed ground, paths or gravel



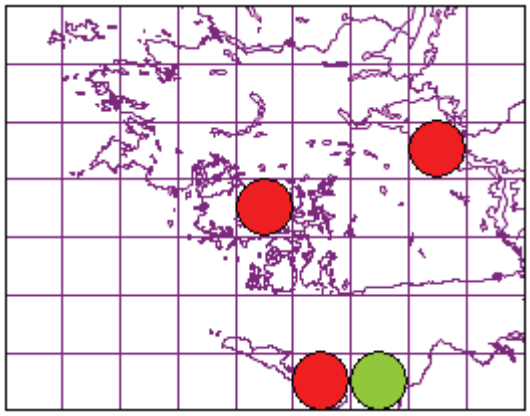
Ascobolus carbonarius P. Karst.

Small cup fungus found on bonfire sites



Coprobia granulata (Bull.) Boud.

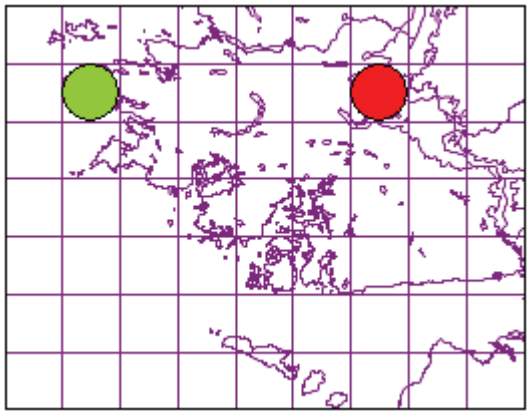
Found on cattle dung



Cordyceps militaris (L.) Link

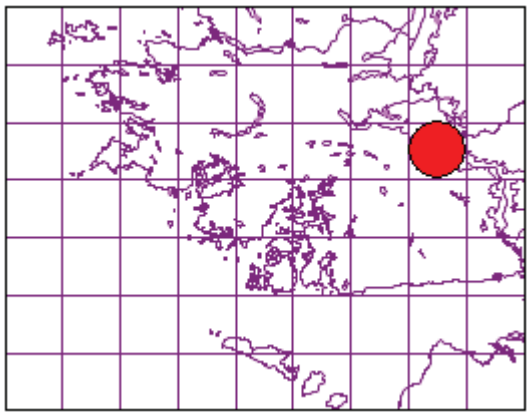
Scarlet Caterpillarclub

The Caterpillar Killer which parasitises moth pupae in grassland



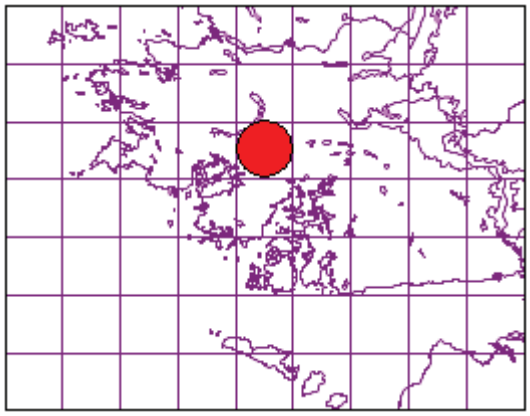
Diaporthe samaricola W. Phillips & Plowr.

Black spots on ash keys



Helvella atra J. König

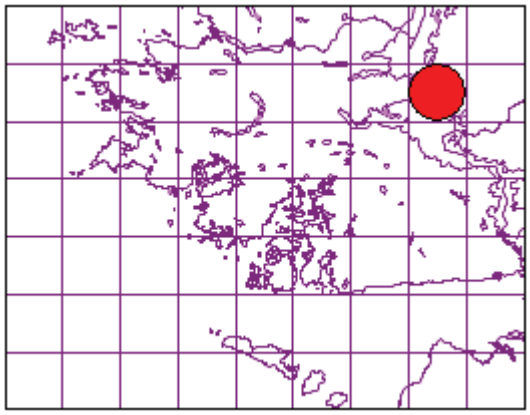
A very distinctive ascomycete found here in hazel scrub



Helvella crispa (Scop.) Fr.

White Saddle

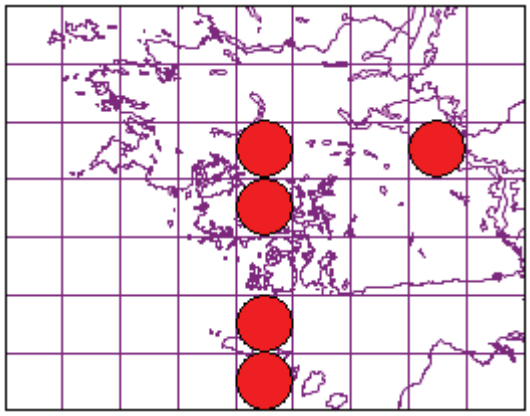
White bone fungus



Hypoxylon fuscum (Pers.) Fr.

Hazel Woodwart

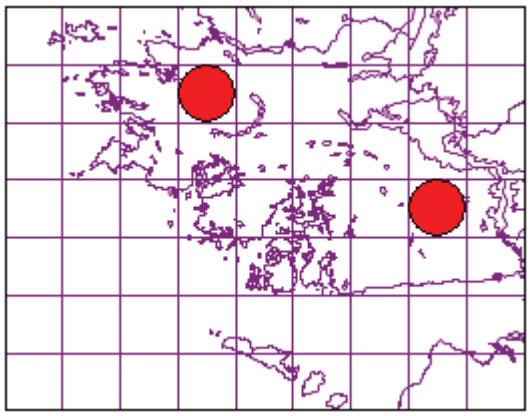
Very common black spots on Hazel



Leotia lubrica (Scop.) Pers.

Jellybaby

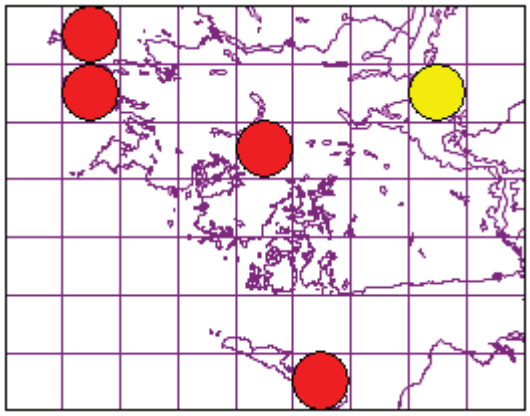
A small ascomycete with a cap that looks just like a jelly baby.



Leptosphaeria acuta (Moug. & Nestl.) P. Karst.

Nettle Rash

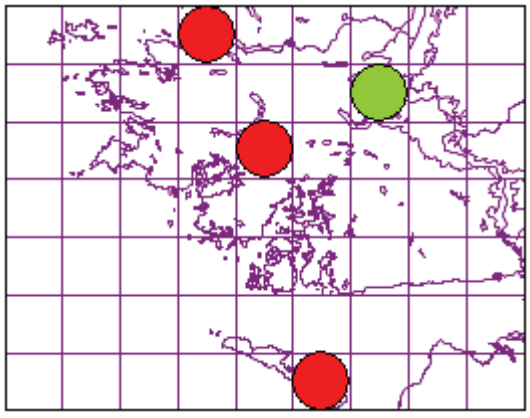
Pointy black spots on dead nettle stems. Very common



Rhopographus filicinus (Fr.) Nitschke ex Fuckel

Bracken Map

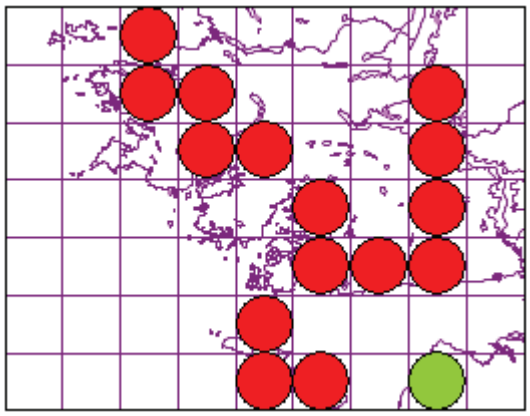
A ubiquitous species on Bracken. Will be much more common as not systematically looked for



Rhytisma acerinum (Pers.) Fr.

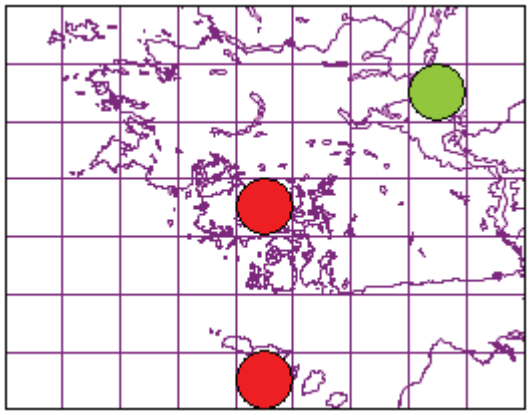
Sycamore Tarspot

Tar spot fungus found on Sycamore leaves



Rhytisma salicinum (Pers.) Fr.

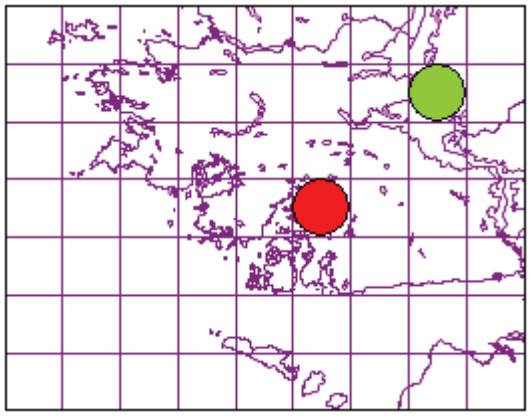
Found on Salix leaves



Taphrina alni (Berk. & Broome) Gjaerum

Alder Tongue

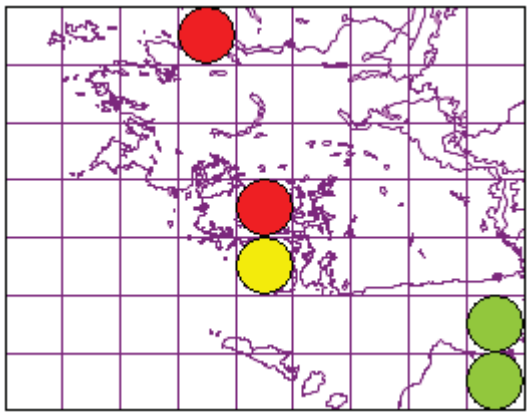
The tongues found on Alder cupules



Trochila ilicina (Nees) Greenh. & Morgan-Jones

Holly Speckle

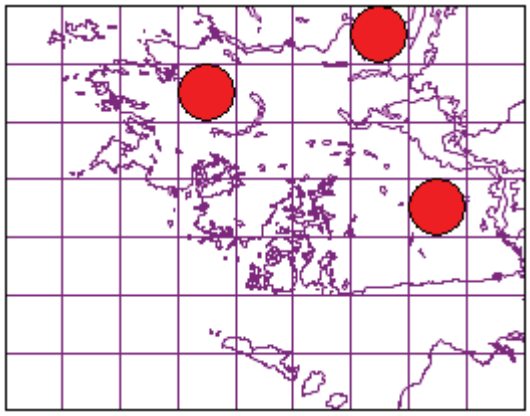
Very common on Holly leaves



Xylaria hypoxylon (L.) Grev.

Candlesnuff Fungus

Very common on wood

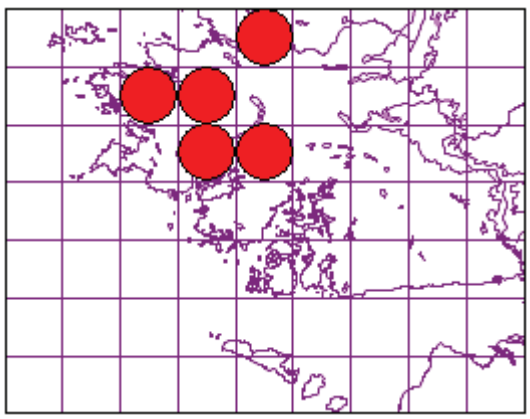


Rusts

Melampsoridium betulinum (Pers.) Kleb.

Birch Rust

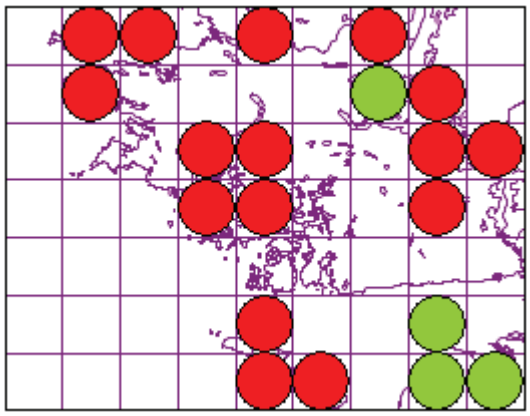
A common rust on Birch leaves



Phragmidium violaceum (Schultz) G. Winter

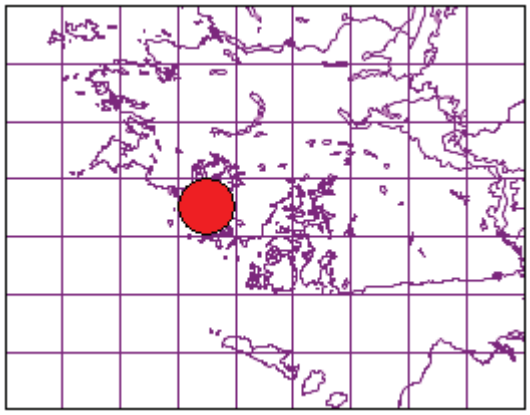
Violet Bramble Rust

Very common rust on Bramble. Will be more common as not systematically looked for



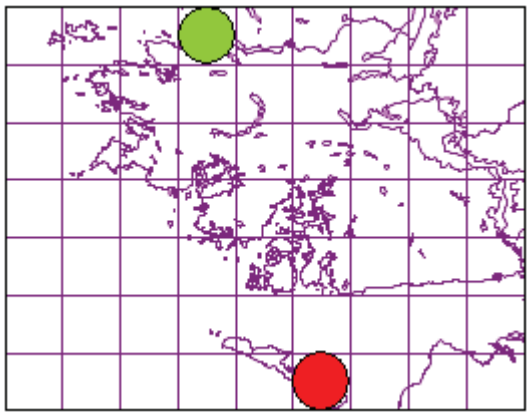
Puccinia distincta McAlpine

A recent invader on Daisies



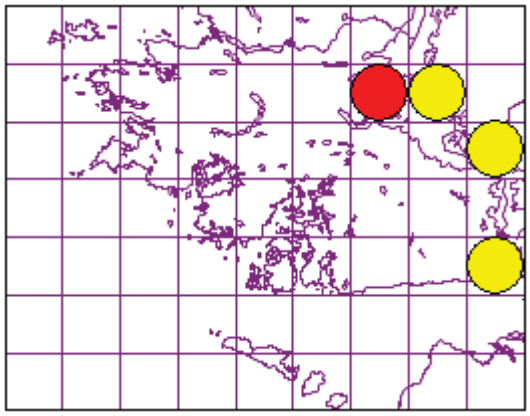
Puccinia lagenophorae Cooke

A rust on Groundsel



Puccinia violae (Schumach.) DC.

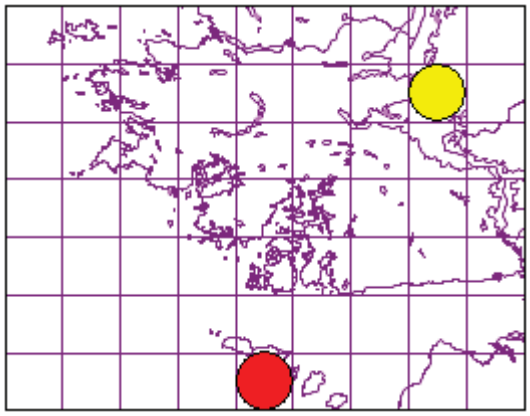
A rust on Violets



Oomycetes

Peronospora alta Fuckel

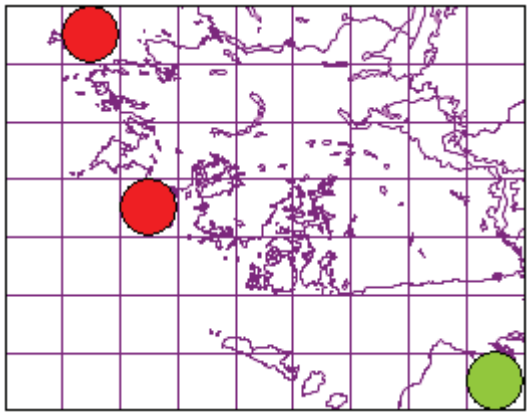
A downy mildew found on species of Plantago (Plantains)



Myxomycetes - slime moulds

Mucilago crustacea Mich.

A slime mould in grass that looks like vomit. Normally lives in the soil digesting bacteria and moves up onto grass to fruit.



Appendix 3 - County Galway Biodiversity Fungi Species List

This list is dated 27 November 2010 and pulls together records from the published sources listed at the end of this appendix and records from the Fungus Records Database of the British Isles. The names used are the current name used in the FRDBI checklist so the name quoted may vary from that quoted in the reference. It is also available in Excel form at www.nifg.org.uk/downloads.htm. If you know of any other records that could be added to this list, please contact David Mitchel at david.mitchel@nifg.org.uk

H15 = South East Galway; H16 = West Galway; H17 = North East Galway

Abrothallus parmeliarum (Sommerf.) Nyl.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Abrothallus suecicus (Kirschst.) Nordin				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/19XX	Source: FRDBI
Absidia corymbifera (Cohn) Sacc. & Trotter				Zygomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/--/2003	Source: FRDBI
Agaricus arvensis Schaeff.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Agaricus campestris L.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 27/10/2010	Source: Mitchel, 2010
Agaricus silvaticus Schaeff.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 03/11/2010	Source: Mitchel, 2010
Agaricus urinascens (F.H. Møller & Jul. Schäff.) Singer				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 31/10/2010	Source: Mitchel, 2010
Agrocybe paludosa (J.E. Lange) Kühner & Romagn.				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Aleuria aurantia Peck				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Aleurodiscus aurantius (Pers.) J. Schröt.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Amanita battarrae (Boud.) Bon				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Amanita muscaria (L.) Pers.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Amanita phalloides (Vaill. ex Fr.) Link				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Amanita rubescens var. rubescens Pers.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Amylostereum chailletii (Pers.) Boidin				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Anthracoidea pratensis (Syd.) Boidol & Poelt				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/09/1959	Source: FRDBI
Appendiculella calostroma (Desm.) Höhn.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/04/1969	Source: FRDBI
Arcyodes incarnata (Alb. & Schwein.) O.F. Cook				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 04/06/1993	Source: Ing & McHugh, 1988
Arcyria cinerea (Bull.) Pers.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Arcyria denudata (L.) Wettst.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 04/06/1993	Source: Ing & McHugh, 1988
Arcyria pomiformis (Leers) Rostaf.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Armillaria gallica Merxm. & Romagn.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Armillaria mellea (Vahl) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Arrhenia acerosa (Fr.) Kühner				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 31/10/2010	Source: Mitchel, 2010

Arrhenia latispora (J. Favre) Bon & Courtec.				Boletes and Agarics	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Arrhenia spathulata (Fr.) Redhead				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/10/1997	Source: FRDBI
Arthonia excipienda (Nyl.) Leight.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/09/1879	Source: FRDBI
Arthonia varians (Davis) Nyl.				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Arthonia varians (Davis) Nyl.				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Arthopyrenia platypyrenia (Nyl.) Arnold				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 07/07/1961	Source: FRDBI
Arthopyrenia punctiformis A. Maáal.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/09/1952	Source: FRDBI
Arthrinium puccinioides Kunze & J.C. Schmidt				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Ascobolus carbonarius P. Karst.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 05/11/2010	Source: Mitchel, 2010
Ascobolus equinus (O.F. Müll.) P. Karst.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Ascochyta chenopodii Rostr.				Anamorphic Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Aspergillus manginii Thom & Raper				Anamorphic Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/02/1969	Source: FRDBI
Asterina veronicae (Lib.) Cooke				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/1978	Source: Scannell, 1973
Asterophora lycoperdoides (Bull.) Ditmar				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Auricularia auricula-judae (Bull.) Wettst.				Jellies	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Badhamia panicea (Fr.) Rostaf.				Myxomycete	
H15: No	H16: Yes	H17: Yes	Aran Islands: No	Last record: 01/01/1918	Source: Gunn, 1919
Badhamia utricularis (Bull.) Berk.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Bauhinus succisae (Magnus) Denchev				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/08/2006	Source: FRDBI
Belonopsis obscura (Rehm) Aebi				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Bertia moriformis var. moriformis (Tode) De Not.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Bolbitius reticulatus (Pers.) Ricken				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Bolbitius titubans (Bull.) Fr.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 03/11/2010	Source: Mitchel, 2010
Boletus chrysenteron Bull.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Boletus edulis Bull.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Boletus ferrugineus Schaeff.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 19/09/1989	Source: FRDBI
Boletus luridiformis var. luridiformis Rostk.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Boletus luridus var. luridus Schaeff.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 22/08/2006	Source: FRDBI

Botryobasidium aureum Parmasto				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Botryosporium diffusum (Grev.) Corda				Anamorphic Fungi	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Botrytis cinerea Pers.				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/1979	Source: FRDBI
Bovista aestivalis (Bonord.) Demoulin				Gasteroid Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2004	Source: FRDBI
Bovista nigrescens Pers.				Gasteroid Fungi	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 25/10/2010	Source: Mitchel, 2010
Brachysporium britannicum S. Hughes				Anamorphic Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Brachysporium obovatum Keiál.				Anamorphic Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Bremia lactucae Regel				Oomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/08/1941	Source: FRDBI
Byssomerulius corium (Pers.) Parmasto				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Calocera cornea (Batsch) Fr.				Jellies	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Calocera viscosa (Pers.) Fr.				Jellies	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Calocybe carnea (Bull.) Donk				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Calocybe gambosa (Fr.) Donk				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Calomyxa metallica (Berk.) Nieuwl.				Myxomycete	
H15: No	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Calosphaeria pusilla (Wahlenb.) P. Karst.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Calyptella capula (Holmsk.) Quél.				Boletes and Agarics	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Camarophyllopsis schulzeri (Bres.) Herink				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Cantharellus cibarius Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Cecidonia xenophana (Körb.) Triebel & Rambold				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/08/1880	Source: FRDBI
Cephalotrichum microsporum (Sacc.) P.M. Kirk				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Ceraceomyces sublaevis (Bres.) Jülich				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Ceratiomyxa fruticulosa (O.F. Müll.) T. Macbr.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 04/06/1993	Source: Ing & McHugh, 1988
Ceratosphaeria lampadophora (Berk. & Broome) Nieál				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Ceriporia viridans (Berk. & Broome) Donk				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Chaetomium elatum Kunze & J.C. Schmidt				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Chaetosphaerella phaeostroma (Durieu & Mont.) E. Müll. & C. Booth				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 21/05/1978	Source: Scannell, 1973
Chalciporus piperatus (Bull.) Bataille				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010

Cheilymenia stercorea (Pers.) Boud.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Chlorociboria aeruginascens (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Chromocyphella muscicola (Fr.) Donk				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Cirrenalia macrocephala (Kohlm.) Meyers & R.T. Moore				Anamorphic Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 01/01/1981	Source: Hegarty & Curran 1982
Clavaria argillacea Pers.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Clavaria fragilis Holmsk.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Clavaria fumosa Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 30/10/2010	Source: Mitchel, 2010
Clavaria incarnata Weinm.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/10/2004	Source: FRDBI
Claviceps purpurea var. purpurea (Fr.) Tul.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Clavulina amethystina (Battarra) Donk				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Clavulina coralloides (L.) J. Schröt.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Clavulina rugosa (Bull.) J. Schröt.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Clavulinopsis corniculata (Fr.) Corner				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Clavulinopsis fusiformis (Sowerby) Corner				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/11/2010	Source: Mitchel, 2010
Clavulinopsis helvola (Pers.) Corner				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 05/11/2010	Source: Mitchel, 2010
Clavulinopsis laeticolor (Berk. & M.A. Curtis) R.H. Petersen				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Clavulinopsis luteoalba (Rea) Corner				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Clitocybe costata Kühner & Romagn.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/10/1997	Source: FRDBI
Clitocybe dealbata Sowerby				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 30/10/2010	Source: Mitchel, 2010
Clitocybe fragrans (With.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 03/11/2010	Source: Mitchel, 2010
Clitocybe geotropa (Bull.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Clitocybe gibba (Pers.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 22/08/2006	Source: FRDBI
Clitocybe nebularis (Batsch) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Clitocybe obsoleta (Batsch) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2004	Source: FRDBI
Clitopilus prunulus (Scop.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Coleosporium tussilaginis (Pers.) Lév.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 16/07/1895	Source: McWeeney, 1895
Coleroa robertiani (Fr.) E. Müll.				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 01/07/1934	Source: O'Connor, 1938

Colletotrichum trichellum (Fr.) Duke				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Colloderma oculatum (C. Lippert) G. Lister				Myxomycete	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Collybia butyracea f. butyracea (Bull.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 28/10/2010	Source: Mitchel, 2010
Collybia confluens (Pers.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Collybia distorta (Fr.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Collybia dryophila (Bull.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 03/11/2010	Source: Mitchel, 2010
Comatricha nigra (Pers.) J. Schröt.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 04/06/1993	Source: Ing & McHugh, 1988
Conocybe siennophylla (Berk. & Broome) Singer				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Coprinellus disseminatus (Pers.) J.E. Lange				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 08/07/1952	Source: FRDBI
Coprinellus ephemerus (Bull.) Redhead, Vilgalys & Moncalvo				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Coprinellus truncorum (Schaeff.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Coprinopsis atramentaria (Bull.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Coprinopsis nivea (Pers.) Redhead, Vilgalys & Moncalvo				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/10/2004	Source: FRDBI
Coprinopsis romagnesiana (Singer) Redhead, Vilgalys & Moncalvo				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 31/10/2010	Source: Mitchel, 2010
Coprinus comatus (O.F. Müll.) Gray				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Coprobia granulata (Bull.) Boud.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 03/11/2010	Source: Mitchel, 2010
Cordyceps militaris (L.) Link				Ascomycetes	
H15: No	H16: Yes	H17: Yes	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Cortinarius cinnamomeus (L.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Cortinarius croceus (Schaeff.) Gray				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Cortinarius hemitrichus (Pers.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2004	Source: FRDBI
Cortinarius largus Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Cortinarius mucifluus Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Cortinarius umbrinolens P.D. Orton				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2004	Source: FRDBI
Craterellus cornucopioides (L.) Pers.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 13/09/1977	Source: Scannell, 1973
Craterium minutum (Leers) Fr.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Craterium muscorum Ing				Myxomycete	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Crepidotus carpaticus Pilát				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 13/09/1985	Source: FRDBI

Crepidotus mollis (Schaeff.) Staude				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Crepidotus variabilis (Pers.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Cribraria argillacea (Pers. ex J.F. Gmel.) Pers.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Cribraria aurantiaca Schrad.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Cribraria cancellata (Batsch) Nann.-Bremek.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Cribraria mirabilis (Rostaf.) Maáee				Myxomycete	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Cribraria persoonii Nann.-Bremek.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Cribraria violacea Rex				Myxomycete	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Crocicreas culmicola (Desm.) S.E. Carp.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/07/1952	Source: Reid, 1953
Crocicreas cyathoideum var. cyathoideum (Bull.) S.E. Carp.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: Yes	Last record: 03/06/1993	Source: FRDBI
Cryptodiaporthe lirella (Moug. & Nestl.) M. Monod				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Cystoderma amianthinum (Scop.) Fayod				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Cystoderma granulosum (Batsch) Fayod				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Dacrymyces deliquescens (Bull.) Duby				Jellies	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/07/1952	Source: Reid, 1953
Dacrymyces stillatus Nees				Jellies	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Dactylospora athallina (Müll. Arg.) Hafellner				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/--/18XX	Source: FRDBI
Dactylospora parasitica (Flörke ex Spreng.) Zopf				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Dactylospora parellaria (Nyl.) Arnold				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/09/1987	Source: FRDBI
Dactylospora scapanaria (Carrington) ined.				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Datronia mollis (Sommerf.) Donk				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Dermoloma cuneifolium var. cuneifolium (Fr.) Bon				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Diaporthe samaricola W. Phillips & Plowr.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Diatrype disciformis (Hoffm.) Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Diatrype stigma (Hoffm.) Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 25/05/2003	Source: FRDBI
Diatrypella quercina (Pers.) Nitschke				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 25/05/2003	Source: FRDBI
Dictyosporium pelagicum (Linder) G.C. Hughes ex E.B.G. Jones				Anamorphic Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 01/01/1981	Source: Hegarty & Curran 1982
Diderma umbilicatum Pers.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988

Didymium difforme (Pers.) Gray				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Didymium nigripes (Link) Fr.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Didymium squamulosum (Alb. & Schwein.) Fr.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Discostroma corticola (Fuckel) Brockmann				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1935	Source: O'Connor, 1949
Drepanopeziza populorum (Desm.) Höhn.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Echinostelium brooksii K.D. Whitney				Myxomycete	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Echinostelium minutum de Bary				Myxomycete	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Elaphomyces muricatus Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Endococcus propinquus (Körb.) D. Hawksw.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/--/18XX	Source: FRDBI
Endococcus rugulosus Nyl.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/--/1877	Source: FRDBI
Enerthenema papillatum (Pers.) Rostaf.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Entoloma atrocoeruleum Noordel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/10/1997	Source: FRDBI
Entoloma bloxamii (Berk.) Sacc.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 04/11/2010	Source: Mitchel, 2010
Entoloma conferendum (Britzelm.) Noordel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Entoloma corvinum (Kühner) Noordel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 05/11/2010	Source: Mitchel, 2010
Entoloma elodes (Fr.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 12/07/1895	Source: McWeeney, 1895
Entoloma excentricum var. excentricum Bres.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/10/1997	Source: FRDBI
Entoloma incanum (Fr.) Hesler				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/10/1997	Source: FRDBI
Entoloma infula (Arnolds & Noordel.) Noordel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 31/10/2010	Source: Mitchel, 2010
Entoloma jennyi Noordl. & Ten Cate					
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1994	Source: Noordeloos, 1992
Entoloma jubatum Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Entoloma longistriatum var. sarcitulum (Kühner & Romagn. ex P.D. Orton)				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/10/1997	Source: FRDBI
Entoloma parasiticum (Quél.) Kreisel				Boletes and Agarics	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Entoloma poliopus var. discolor Noordel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Entoloma poliopus var. poliopus (Romagn.) Noordel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 26/10/2010	Source: Mitchel, 2010
Entoloma prunuloides (Fr.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 31/10/2010	Source: Mitchel, 2010
Entoloma rhodopolium (Fr.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010

Entoloma roseum (Longyear) Hesler — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/10/1997 Source: FRDBI

Entoloma sericellum (Fr.) P. Kumm. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 04/11/2010 Source: Mitchel, 2010

Entoloma sericeum (Bull.) Fr. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Entoloma serrulatum (Fr.) Hesler — Boletes and Agarics

H15: No H16: No H17: No Aran Islands: Yes Last record: 03/11/2010 Source: Mitchel, 2010

Entoloma tjallingiorum Noordel. — Boletes and Agarics

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Entoloma turci (Bres.) M.M. Moser — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/10/1997 Source: FRDBI

Entoloma undatum (Gillet) M.M. Moser — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/10/1997 Source: FRDBI

Epichloë typhina (Pers.) Tul. & C. Tul. — Ascomycetes

H15: Yes H16: Yes H17: No Aran Islands: No Last record: 13/07/1967 Source: FRDBI

Epilichen scabrosus (Ach.) Clem. — Lichenicolous Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: --/--/18XX Source: FRDBI

Erysiphe depressa (Wallr.) Schltdl. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Erysiphe euonymi-japonici (Vienn.-Bourg.) U. Braun & S. Takam. — Powdery Mildews

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/11/1932 Source: O'Connor, 1938

Erysiphe lonicerae DC. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Erysiphe polygoni DC. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Erysiphe sordida L. Junell — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Erysiphe trifolii var. trifolii Grev. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Erysiphe ulmariae Desm. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Erythricium laetum (P. Karst.) J. Eriká. & Hjortstam — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Eurotium amstelodami L. Mangin — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/02/1969 Source: FRDBI

Eurotium repens de Bary — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/02/1969 Source: FRDBI

Eutypella prunastri (Pers.) Sacc. — Ascomycetes

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Exidia nucleata (Schwein.) Burt — Jellies

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Exidia plana (F.H. Wigg.) Donk — Jellies

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Exidiopsis calcea (Pers.) K. Wells — Jellies

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Flammulina velutipes (Curtis) Singer — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 06/11/2010 Source: Mitchel, 2010

Fuligo septica (L.) F.H. Wigg. — Myxomycete

H15: Yes H16: Yes H17: Yes Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Fumago vagans Pers. — Anamorphic Fungi

H15: No H16: No H17: No Aran Islands: No Last record: --/--/1981 Source: FRDBI

Fusarium coeruleum Lib. ex Sacc. — Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last record: 1907 Source: Johnson, T, 1907

Gaeumannomyces graminis var. avenae (E.M. Turner) Dennis Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Gaeumannomyces graminis var. graminis (Sacc.) Arx & D.L. Olivier Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Galerina hypnorum (Schrank) Kühner Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 12/07/1895 Source: McWeeney, 1895

Galerina marginata (Batsch) Kühner Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 31/10/2010 Source: Mitchel, 2010

Galerina sphagnorum (Pers.) Kühner Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 16/07/1895 Source: McWeeney, 1895

Galerina tibiicystis (G.F. Atk.) Kühner Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 08/07/1952 Source: Reid, 1953

Galerina vittiformis (Fr.) Singer Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 28/10/2010 Source: Mitchel, 2010

Ganoderma applanatum (Pers.) Pat. Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Ganoderma australe (Fr.) Pat. Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Geastrum fimbriatum Fr. Gasteroid Fungi

H15: Yes H16: No H17: No Aran Islands: No Last record: --/09/1989 Source: FRDBI

Geastrum pectinatum Pers. Gasteroid Fungi

H15: Yes H16: No H17: Yes Aran Islands: No Last record: 24/08/1992 Source: FRDBI

Geastrum triplex Jungh. Gasteroid Fungi

H15: Yes H16: No H17: No Aran Islands: No Last record: --/--/1961 Source: FRDBI

Geoglossum atropurpureum (Batsch) Pers. Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 04/11/2010 Source: Mitchel, 2010

Geoglossum cookeanum Nannf. Ascomycetes

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Geoglossum fallax E.J. Durand Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 04/11/2010 Source: Mitchel, 2010

Geoglossum glutinosum Pers. Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Geoglossum umbratile Sacc. Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Gerronema prescotii (Weinm.) Redhead Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 16/07/1895 Source: McWeeney, 1895

Gibberella zeae (Schwein.) Petch Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Gloeoporus taxicola (Pers.) Gilb. & Ryvarden Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Glomerella cingulata (Stoneman) Spauld. & H. Schrenk Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Gloniella adianti (Kunze) Petr. Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 13/09/1989 Source: FRDBI

Gloniopsis praelonga (Schwein.) Underw. & Earle Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 21/10/1978 Source: Scannell, 1973

Golovinomyces cichoracearum var. cichoracearum (DC.) V.P. Heluta Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Golovinomyces cichoracearum var. fischeri (S. Blumer) U. Braun Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Gymnopilus penetrans (Fr.) Murrill Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 26/10/2010 Source: Mitchel, 2010

Gymnosporangium clavariiforme (Jacq.) DC. Rusts and Smuts

H15: Yes H16: Yes H17: No Aran Islands: No Last record: 02/07/1952 Source: Reid, 1953

Gymnosporangium cornutum Arthur ex F. Kern				Rusts and Smuts	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Handkea excipuliformis (Scop.) Kreisel				Gasteroid Fungi	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Hebeloma crustuliniforme (Bull.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Hebeloma mesophaeum (Fr.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Hebeloma sinapizans (Fr.) Sacc.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Hebeloma velutipes Bruchet				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 28/10/2010	Source: Mitchel, 2010
Helvella atra J. König				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 28/10/2010	Source: Mitchel, 2010
Helvella crispa (Scop.) Fr.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Helvella lacunosa Afzel.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Hemigrapha astericus (Müll. Arg.) R. Sant. ex D. Hawksw.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Hemimycena tortuosa (P.D. Orton) Redhead				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Hemitrichia clavata (Pers.) Rostaf.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Herteliana phaeops P. James				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 25/04/1998	Source: FRDBI
Heterobasidion annosum (Fr.) Bref.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Humaria hemisphaerica (F.H. Wigg.) Fuckel				Ascomycetes	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Hyalopeziza millepunctata (Lib.) Raitv.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Hydnum repandum L.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Hygrocybe aurantiosplendens R. Haller Aar.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 05/11/2010	Source: Mitchel, 2010
Hygrocybe calciphila Arnolds				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Hygrocybe calyptriformis (Berk. & Broome) Fayod				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 31/10/2010	Source: Mitchel, 2010
Hygrocybe cantharellus (Schwein.) Murrill				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Hygrocybe ceracea (Wulfen) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 31/10/2010	Source: Mitchel, 2010
Hygrocybe chlorophana (Fr.) Wünsche				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Hygrocybe citrinovirens (Lange) Jul. Schäff.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Hygrocybe coccinea (Schaeff.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Hygrocybe colemanniana (A. Bloxam) P.D. Orton & Watling				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Hygrocybe conica var. conica (Schaeff.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010

Hygrocybe conica var. conicoides (P.D. Orton) P.D. Orton & Watling Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe flavescens (Kauffman) Singer Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 04/10/1997 Source: FRDBI

Hygrocybe flavipes (Britzelm.) Arnolds Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 04/11/2010 Source: Mitchel, 2010

Hygrocybe fornicata (Fr.) Singer Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 04/11/2010 Source: Mitchel, 2010

Hygrocybe glutinipes var. glutinipes (J.E. Lange) R. Haller Aar. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Hygrocybe helobia (Arnolds) Bon Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 23/10/2004 Source: FRDBI

Hygrocybe insipida (J.E. Lange ex S. Lundell) M.M. Moser Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe intermedia (Paá.) Fayod Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 04/10/1997 Source: FRDBI

Hygrocybe irrigata (Pers.) Bon Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Hygrocybe laeta var. laeta (Pers.) P. Kumm. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Hygrocybe mucronella (Fr.) P. Karst. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 04/11/2010 Source: Mitchel, 2010

Hygrocybe nitrata (Pers.) Wünsche Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 04/11/2010 Source: Mitchel, 2010

Hygrocybe persistens var. persistens (Britzelm.) Singer Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe pratensis var. pallida (Cooke) Arnolds Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe pratensis var. pratensis (Pers.) Murrill Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe psittacina var. psittacina (Schaeff.) P. Kumm. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe punicea (Fr.) P. Kumm. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe quieta (Kühner) Singer Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe reidii Kühner Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe russocoriacea (Berk. & T.K. Mill.) P.D. Orton & Watling Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe spadicea (Scop.) P. Karst. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 31/10/2010 Source: Mitchel, 2010

Hygrocybe splendidissima (P.D. Orton) P.D. Orton & Watling Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Hygrocybe virginea var. fuscescens (Bres.) Arnolds Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe virginea var. ochraceopallida (P.D. Orton) Boertm. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe virginea var. virginea (Wulfen) P.D. Orton & Watling Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 06/11/2010 Source: Mitchel, 2010

Hygrocybe vitellina (Fr.) P. Karst. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 05/11/2010 Source: Mitchel, 2010

Hygrophoropsis aurantiaca (Wulfen) Maire Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 26/10/2010 Source: Mitchel, 2010

Hymenochaete corrugata (Fr.) Lév.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 21/10/1978	Source: Scannell, 1973
Hymenogaster vulgaris Tul. & C. Tul.				Gasteroid Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: --/09/1989	Source: FRDBI
Hymenoscyphus calyculus (Sowerby) W. Phillips				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 12/07/1895	Source: McWeeney, 1895
Hymenoscyphus scutula (Pers.) W. Phillips				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Hyphodontia barba-jovis (Bull.) J. Eriká.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Hyphodontia sambuci (Pers.) J. Eriká.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: Yes	Last record: 03/06/1993	Source: FRDBI
Hypholoma elongatum (Pers.) Ricken				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Hypholoma ericaeum (Pers.) Kühner				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 20/09/1989	Source: FRDBI
Hypholoma fasciculare (Huds.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Hypocreopsis rhododendri Thaxt.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: --/05/2007	Source: FRDBI
Hypoderma hederae (T. Nees ex Mart.) De Not.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Hypoxylon fuscum (Pers.) Fr.				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 28/10/2010	Source: Mitchel, 2010
Hypoxylon multiforme (Fr.) Fr.				Ascomycetes	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Hypoxylon rubiginosum (Pers.) Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Hysterium acuminatum Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Inocybe albovelutipes Stangl				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Inocybe erubescens A. Blytt				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Inocybe geophylla var. geophylla (Fr.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Inocybe geophylla var. lilacina Gillet				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Inocybe grammata Quél. & Le Bret.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Inocybe mixtilis (Britzelm.) Sacc.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 25/10/2010	Source: Mitchel, 2010
Inocybe napipes J.E. Lange				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 19/09/1989	Source: FRDBI
Inocybe praetervisa Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Inocybe rimosa (Bull.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Inonotus hispidus (Bull.) P. Karst.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/07/1952	Source: Reid, 1953
Inonotus radiatus (Sowerby) P. Karst.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: Yes	Aran Islands: No	Last record: 01/12/1944	Source: O'Connor, 1949
Isothea rhytismoides (Bab. ex Berk.) Fr.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/10/1932	Source: O'Connor, 1938

Kuehneola uredinis (Link) Arthur				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Kuehneromyces mutabilis (Schaeff.) Singer & A.H. Sm.				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Laccaria amethystina (Huds.) Cooke				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Laccaria laccata (Scop.) Cooke				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Lachnum brevipilosum Baral				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Lachnum corticale (Pers.) Nannf.				Ascomycetes	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Lachnum fuscescens var. fuscescens (Pers.) P. Karst.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Lachnum nudipes (Fuckel) Nannf.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Lachnum virgineum (Batsch) P. Karst.				Ascomycetes	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Lacrymaria lacrymabunda (Bull.) Pat.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Lacrymaria pyrotricha (Holmsk.) Konrad & Maubl.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Lactarius blennius (Fr.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Lactarius deliciosus (L.) Gray				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 25/10/2010	Source: Mitchel, 2010
Lactarius deterrimus Gröger				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Lactarius fluens Boud.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Lactarius fulvissimus Romagn.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 22/08/2006	Source: FRDBI
Lactarius glyciosmus (Fr.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Lactarius lacunarum Romagn. ex Hora				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Lactarius mitissimus Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 28/10/2010	Source: Mitchel, 2010
Lactarius pallidus Pers.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Lactarius piperatus (L.) Pers.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Lactarius pubescens Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Lactarius pyrogalus (Bull.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Lactarius quietus (Fr.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Lactarius rufus (Scop.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 20/09/1989	Source: FRDBI
Lactarius salmonicolor R. Heim & Leclair				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Lactarius serifluus (DC.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010

Lactarius subdulcis (Bull.) Fr. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Lactarius torminosus (Schaeff.) Pers. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Lactarius uvidus (Fr.) Fr. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Lactarius vellereus (Fr.) Fr. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Lamproderma echinulatum (Berk.) Rostaf. — Myxomycete

H15: No H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Lamproderma scintillans (Berk. & Broome) Morgan — Myxomycete

H15: Yes H16: No H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Lasiobelonium nidulum (J.C. Schmidt & Kunze) Fr. — Ascomycetes

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Lasiosphaeria canescens (Pers.) P. Karst. — Ascomycetes

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Lasiosphaeria caudata (Fuckel) Sacc. — Ascomycetes

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Leccinum scabrum var. scabrum (Bull.) Gray — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Leccinum versipelle (Fr. & Hök) Snell — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Lentinellus cochleatus (Pers.) P. Karst. — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Leocarpus fragilis (Dicks.) Rostaf. — Myxomycete

H15: Yes H16: Yes H17: Yes Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Leotia lubrica (Scop.) Pers. — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/11/2010 Source: Mitchel, 2010

Lepiota cristata (Bolton) P. Kumm. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Lepiota pseudolilacea Huijsman — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 30/10/2010 Source: Mitchel, 2010

Lepista flaccida (Sowerby) Pat. — Boletes and Agarics

H15: Yes H16: No H17: No Aran Islands: No Last record: 04/06/1993 Source: FRDBI

Lepista nuda (Bull.) Cooke — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 03/11/2010 Source: Mitchel, 2010

Lepista panaeola (Fr.) P. Karst. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 30/10/2010 Source: Mitchel, 2010

Lepista sordida (Fr.) Singer — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 27/10/2010 Source: Mitchel, 2010

Leptosphaeria acuta (Moug. & Nestl.) P. Karst. — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 03/11/2010 Source: Mitchel, 2010

Leptosphaeria macrospora (Fuckel) Thüm. — Ascomycetes

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Leptosphaeria orae-maris Linder — Ascomycetes

H15: Yes H16: No H17: No Aran Islands: No Last record: 01/01/1981 Source: Hegarty & Curran 1982

Leptospora rubella (Pers.) Fr. — Ascomycetes

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Leptosporomyces fuscostratus (Burt) Hjortstam — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Leptostroma spiraeinum (Sacc. & Briard) Vestergr. — Anamorphic Fungi

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Leucocoprinus brebissonii (Godey) Locq. — Boletes and Agarics

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Leucopaxillus giganteus (Sowerby) Singer				Boletes and Agarics	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 25/10/2010	Source: Mitchel, 2010
Licea capitata Ing & McHugh				Myxomycete	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Licea iridis Ing & McHugh				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Licea kleistobolus G.W. Martin				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Licea marginata Nann.-Bremek.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Licea parasitica (Zukal) G.W. Martin				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Licea pusilla Schrad.				Myxomycete	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Lichenosticta alcicornaria (Linds.) D. Hawksw.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Lophiostoma angustilabrum var. angustilabrum (Berk. & Broome) Cooke				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Lophiostoma compressum (Pers.) Ces. & De Not.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 21/09/1957	Source: FRDBI
Lophiostoma origani var. rubidum (Sacc., M. Rouáeau & E. Bommer) Chesı				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Lophiostoma vagabundum (Sacc.) Sacc.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 21/09/1957	Source: FRDBI
Lophodermium hedericola S. Ahmad				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 20/09/1957	Source: FRDBI
Lophodermium juniperinum (Fr.) De Not.				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 21/09/1975	Source: Scannell, 1973
Lycogala epidendrum (J.C. Buxb. ex L.) Fr.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Lycogala terrestre Fr.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Lycoperdon lividum Pers.				Gasteroid Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Lycoperdon molle Pers.				Gasteroid Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: --/09/1989	Source: FRDBI
Lycoperdon nigrescens Pers.				Gasteroid Fungi	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Lycoperdon perlatum Pers.				Gasteroid Fungi	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Lycoperdon pyriforme Schaeff.				Gasteroid Fungi	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Lyophyllum decastes (Fr.) Singer				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Macbrideola cornea (G. Lister & Cran) Alexop.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Macbrideola decapillata H.C. Gilbert				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Macrolepiota procera (Scop.) Singer				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Marasmiellus ramealis (Bull.) Singer				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Marasmius androsaceus (L.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895

Marasmius oreades (Bolton) Fr. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 31/10/2010 Source: Mitchel, 2010

Marasmius rotula (Scop.) Fr. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Melampsora caprearum Thüm. Rusts and Smuts
H15: No H16: Yes H17: No Aran Islands: No Last record: 12/07/1895 Source: McWeeney, 1895

Melampsora hypericorum G. Winter Rusts and Smuts
H15: No H16: Yes H17: No Aran Islands: No Last record: 16/07/1895 Source: McWeeney, 1895

Melampsora lini var. lini (Ehrenb.) Desm. Rusts and Smuts
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 16/07/1895 Source: McWeeney, 1895

Melampsoridium betulinum (Pers.) Kleb. Rusts
H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Melanconis stilbostoma (Fr.) Tul. & C. Tul. Ascomycetes
H15: No H16: Yes H17: No Aran Islands: No Last record: 05/08/1966 Source: FRDBI

Melanoleuca cognata var. cognata (Fr.) Konrad & Maubl. Boletes and Agarics
H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Melanoleuca friesii (Bres.) Bon Boletes and Agarics
H15: No H16: No H17: No Aran Islands: Yes Last record: 25/10/2010 Source: Mitchel, 2010

Melanoleuca grammopodia (Bull.) Pat. Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2004 Source: FRDBI

Melanoleuca polioleuca f. polioleuca (Fr.) Kühner & Maire Boletes and Agarics
H15: No H16: Yes H17: No Aran Islands: Yes Last record: 03/11/2010 Source: Mitchel, 2010

Melanotaenium endogenum (Unger) de Bary Rusts and Smuts
H15: No H16: Yes H17: No Aran Islands: No Last record: 14/07/1977 Source: Scannell, 1986

Melomastia mastoidea (Fr.) J. Schröt. Rusts and Smuts
H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Menispora britannica (M.B. Ellis) P.M. Kirk Anamorphic Fungi
H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Metatrichia floriformis (Schwein.) Nann.-Bremek. Myxomycete
H15: Yes H16: Yes H17: Yes Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Metatrichia vesparium (Batsch) Nann.-Bremek. Myxomycete
H15: No H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Microbotryum succisae (Magnus) R. Bauer & Oberw. Anamorphic Fungi
H15: No H16: Yes H17: No Aran Islands: No Last record: 23/08/2006 Source: FRDBI

Microdiplodia narthecii (Sacc., E. Bommer & M. Rouáeau) Taái Anamorphic Fungi
H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Mitrophora semilibera (DC.) Lév. Ascomycetes
H15: No H16: No H17: Yes Aran Islands: No Last record: 08/05/1906 Source: O'Connor, 1949

Mitrula paludosa Fr. Ascomycetes
H15: No H16: Yes H17: No Aran Islands: No Last record: 20/05/1978 Source: Scannell, 1973

Miyagia pseudosphaeria (Mont.) Jørst. Rusts and Smuts
H15: Yes H16: Yes H17: Yes Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Mollisia cinerea (Batsch) P. Karst. Ascomycetes
H15: Yes H16: Yes H17: No Aran Islands: Yes Last record: 16/07/1895 Source: McWeeney, 1895

Mollisia fuscostriata Graddon Ascomycetes
H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Mollisia melaleuca (Fr.) Sacc. Ascomycetes
H15: No H16: Yes H17: No Aran Islands: No Last record: 16/07/1895 Source: McWeeney, 1895

Mollisiopsis lanceolata (Gremmen) D. Hawksw. Ascomycetes
H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Morchella elata Fr. Ascomycetes
H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Mucilago crustacea P. Micheli ex F.H. Wigg. Myxomycete
H15: No H16: Yes H17: No Aran Islands: No Last record: 06/11/2010 Source: Mitchel, 2010

Muellerella lichenicola (Sommerf.) D. Hawksw.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/08/1877	Source: FRDBI
Mutinus caninus (Huds.) Fr.				Gasteroid Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: --/09/1989	Source: FRDBI
Mycena acicula (Schaeff.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Mycena adonis var. adonis (Bull.) Fr.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/11/2010	Source: Mitchel, 2010
Mycena adscendens (Lasch) Maas Geest.				Boletes and Agarics	
H15: Yes	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Mycena aetites (Fr.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/10/1997	Source: FRDBI
Mycena epipterygia (Scop.) Gray				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/11/2010	Source: Mitchel, 2010
Mycena flavoalba (Fr.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Mycena galericulata (Scop.) Schaeff.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/11/2010	Source: Mitchel, 2010
Mycena haematopus (Pers.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 19/09/1989	Source: FRDBI
Mycena juncicola (Fr.) Gillet				Boletes and Agarics	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Mycena leptocephala (Pers.) Gillet				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Mycena mucor (Batsch) Gillet				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Mycena olivaceomarginata (Maáee) Maáee				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Mycena pura (Pers.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Mycena sanguinolenta (Alb. & Schwein.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Mycena speirea (Fr.) Gillet				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Mycena stylobates (Pers.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 12/07/1895	Source: McWeeney, 1895
Mycena vitilis (Fr.) Quel.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Mycena vulgaris (Pers.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/10/1997	Source: FRDBI
Mycoacia aurea (Fr.) J. Eriká. & Ryvarden				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Mycosphaerella hedericola (Desm.) Lindau				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Mycosphaerella ribis (Fuckel) Lindau				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Mycosphaerella tulasnei (Jancz.) Lindau				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 14/07/1895	Source: McWeeney, 1895
Myriosclerotinia curreyana (Berk. ex Curr.) N.F. Buchw.				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 1965-1969	Source: Palmer, 1985
Myriosclerotinia sulcatula T. Schumach. & L.M. Kohn				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 1965-1969	Source: Palmer, 1985
Mytilinidion acicola G. Winter				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI

Nectria episphaeria (Tode) Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Nemania confluens (Tode) Laeáøe & Spooner				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Nemania serpens var. serpens (Pers.) Gray				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 25/05/2003	Source: FRDBI
Neottiella rutilans (Fr.) Dennis				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/10/1997	Source: FRDBI
Niptera lacustris (Fr.) Fr.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Niptera pulla (W. Phillips & Keith) Boud.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Nodulosphaeria derasa (Berk. & Broome) L. Holm				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Opegrapha rupestris Pers.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Ophiobolus erythrosporus (Rieá) G. Winter				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Orbilia auricolor (A. Bloxam ex Berk.) Sacc.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Orbilia xanthostigma (Fr.) Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Otidea onotica (Pers.) Fuckel				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Oudemansiella mucida (Schrad.) Höhn.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Panaeolina foenisecii (Pers.) Maire				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Panaeolus acuminatus (Schaeff.) Gillet				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Panaeolus fimicola (Pers.) Gillet				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Panaeolus papilionaceus var. papilionaceus (Bull.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 29/10/2010	Source: Mitchel, 2010
Panaeolus semiovatus var. phalaenarum (Fr.) Ew. Gerhardt				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Panaeolus semiovatus var. semiovatus (Sowerby) S. Lundell				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Panus conchatus (Bull.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 09/07/1952	Source: FRDBI
Paradiacheopsis solitaria (Nann.-Bremek.) Nann.-Bremek.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Paranectria oropensis (Ces. ex Rabenh.) D. Hawksw. & Piroz.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Parasola leiocephala (P.D. Orton) Redhead, Vilgalys & Hopple				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Parasola misera (P. Karst.) Redhead, Vilgalys & Hopple				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: Yes	Last record: 03/06/1993	Source: FRDBI
Paxillus involutus (Batsch) Pers.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Penicillium brevicompactum Dierckx				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/1979	Source: FRDBI
Penicillium chrysogenum Thom				Anamorphic Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/--/2003	Source: FRDBI

Peniophora incarnata (Pers.) P. Karst. — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: No H16: Yes H17: No Aran Islands: No Last record: 06/11/2010 Source: Mitchel, 2010

Peniophora limitata (Chaillet) Cooke — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Peniophorella praetermissa (P. Karst.) K.-H. Lará. — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Perichaena chrysosperma (Curr.) Lister — Myxomycete

H15: No H16: Yes H17: Yes Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Perichaena corticalis (Batsch) Rostaf. — Myxomycete

H15: Yes H16: Yes H17: Yes Aran Islands: No Last record: 03/06/1993 Source: Ing & McHugh, 1988

Peronospora affinis Roámann — Oomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: --/08/1941 Source: FRDBI

Peronospora alta Fuckel — Oomycetes

H15: No H16: No H17: No Aran Islands: Yes Last record: 25/10/2010 Source: Mitchel, 2010

Peronospora conferta (Unger) Unger — Oomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: --/08/1941 Source: FRDBI

Oomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: --/08/1941 Source: FRDBI

Peronospora parasitica (Pers.) Fr. — Oomycetes

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Peziza brunneoatra Desm. — Ascomycetes

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Phacellium rufibasis (Berk. & Broome) U. Braun — Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Phacidium multivalve (DC.) Kunze & J.C. Schmidt — Ascomycetes

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Phaeosphaeria nodorum (E. Müll.) Hedjar. — Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Phaeostalagmus cyclosporus (Grove) W. Gams — Anamorphic Fungi

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Phallus impudicus L. — Gasteroid Fungi

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Phallus impudicus var. togatus (Kalchbr.) Costantin & L.M. Dufour — Gasteroid Fungi

H15: Yes H16: No H17: No Aran Islands: No Last record: --/08/1986 Source: FRDBI

Phanerochaete sordida (P. Karst.) J. Eriká. & Ryvarden — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Pholiota alnicola var. alnicola (Fr.) Singer — Boletes and Agarics

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Pholiota squarrosa (Weigel) P. Kumm. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Phoma hedericola (Durieu & Mont.) Boerema — Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Phragmidium fragariae (DC.) Rabenh. — Rusts and Smuts

H15: No H16: Yes H17: No Aran Islands: No Last record: 08/07/1952 Source: Reid, 1953

Phragmidium mucronatum (Pers.) Schltdl. — Rusts and Smuts

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 16/07/1895 Source: McWeeney, 1895

Phragmidium rosae-pimpinellifoliae Dietel — Rusts and Smuts

H15: Yes H16: No H17: No Aran Islands: Yes Last record: 03/06/1993 Source: FRDBI

Phragmidium rubi-idaei (DC.) P. Karst. — Rusts and Smuts

H15: No H16: Yes H17: No Aran Islands: No Last record: --/08/1831 Source: FRDBI

Phragmidium sanguisorbae (DC.) J. Schröt. — Rusts and Smuts

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Phragmidium violaceum (Schultz) G. Winter — Rusts and Smuts

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 05/11/2010 Source: Mitchel, 2010

Phyllachora aegopodii Fuckel — Ascomycetes

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Physarum album (Bull.) Chevall. — Myxomycete

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Physarum auriscalpium Cooke — Myxomycete

H15: Yes H16: No H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum cinereum Link — Myxomycete

H15: Yes H16: No H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum compressum Alb. & Schwein. — Myxomycete

H15: No H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum decipiens M.A. Curtis — Myxomycete

H15: No H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum leucophaeum Fr. — Myxomycete

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: Ing & McHugh, 1988

Physarum nutans Pers. — Myxomycete

H15: Yes H16: Yes H17: Yes Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum psittacinum Ditmar — Myxomycete

H15: Yes H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum pusillum (Berk. & M.A. Curtis) G. Lister — Myxomycete

H15: Yes H16: No H17: Yes Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum robustum (Lister) Nann.-Bremek. — Myxomycete

H15: No H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physarum viride (Bull.) Pers. — Myxomycete

H15: Yes H16: No H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Physoderma pulposum Wallr. — Chytridiomycete

H15: No H16: No H17: No Aran Islands: Yes Last record: 18/07/2006 Source: FRDBI

Piptoporus betulinus (Bull.) P. Karst. — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Plasmopara crustosa (Fr.) Jørst. — Oomycetes

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Plasmopara densa (Rabenh.) J. Schröt. — Oomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: --/08/1941 Source: FRDBI

Pleospora herbarum (Pers.) Rabenh. ex Ces. & De Not. — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 26/09/1957 Source: FRDBI

Pleospora penicillus Fuckel — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 21/09/1957 Source: FRDBI

Pleospora phaeocomoides (Berk. & Broome) G. Winter — Ascomycetes

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Pluteus cervinus P. Kumm. — Boletes and Agarics

H15: Yes H16: Yes H17: No Aran Islands: No Last record: 27/10/2010 Source: Mitchel, 2010

Pluteus cinereofuscus J.E. Lange — Boletes and Agarics

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Podosphaera aphanis (Wallr.) U. Braun & S. Takam. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Podosphaera fugax (Penz. & Sacc.) U. Braun & S. Takam. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Podosphaera mors-uvae (Schwein.) U. Braun & S. Takam. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Podosphaera plantaginis (Castagne) U. Braun & S. Takam. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Podosphaera spiraeae (Sawada) U. Braun & S. Takam. — Powdery Mildews

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Podospora intestinacea N. Lundq. — Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last record: --/--/1968 Source: FRDBI

Polydesmia pruinosa (Gerd. ex Berk. & Broome) Boud.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Polyporus leptocephalus (Jacq.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 08/07/1952	Source: FRDBI
Polyporus squamosus (Huds.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Polyporus tuberaster (Jacq.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: --/06/1965	Source: FRDBI
Polystigma rubrum subsp. rubrum (Pers.) DC.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 31/08/1965	Source: Scannell, 1973
Propolis farinosa (Pers.) Fr.				Ascomycetes	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Prototrichia metallica (Berk.) Maáee				Myxomycete	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Psathyrella ammophila (Durieu & Lév.) P.D. Orton				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Psathyrella candolleana (Fr.) G. Bertrand				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Psathyrella spintrigera (Fr.) Konrad & Maubl.				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Pseudohydnum gelatinosum (Scop.) P. Karst.				Jellies	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Pseudopeziza medicaginis (Lib.) Sacc.				Ascomycetes	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Psilocybe coprophila (Bull.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Psilocybe cyanescens Wakef.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Psilocybe montana (Pers.) P. Kumm.				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Psilocybe semilanceata (Fr.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Puccinia acetosae Körn.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia angelicae (Schumach.) Fuckel				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia arenariae (Schumach.) G. Winter				Rusts and Smuts	
H15: No	H16: Yes	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Puccinia calcitrapae DC.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 12/07/1895	Source: McWeeney, 1895
Puccinia calthae Link				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Puccinia caricina var. caricina DC.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia caricina var. pringsheimiana (Kleb.) D.M. Hend.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/06/1935	Source: O'Connor, 1938
Puccinia circaeae Pers.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Puccinia coronata Corda				Rusts and Smuts	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Puccinia dioicae var. dioicae Magnus				Rusts and Smuts	
H15: No	H16: Yes	H17: Yes	Aran Islands: Yes	Last record: 12/07/1896	Source: McWeeney, 1896
Puccinia distincta McAlpine				Rusts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 26/10/2010	Source: Mitchel, 2010

Puccinia festucae Plowr.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia glomerata Grev.				Rusts and Smuts	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Puccinia hieracii var. hieracii (Röhl.) H. Mart.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Puccinia iridis Wallr.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia lagenophorae Cooke				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 03/11/2010	Source: Mitchel, 2010
Puccinia lapsanae Fuckel				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Puccinia malvacearum Bertero ex Mont.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia menthae Pers.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Puccinia moliniae Tul.				Rusts and Smuts	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Puccinia obscura J. Schröt.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/07/1952	Source: Reid, 1953
Puccinia pimpinellae (F. Strauá) Röhl.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/1976	Source: FRDBI
Puccinia primulae Duby				Rusts and Smuts	
H15: No	H16: Yes	H17: Yes	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Puccinia pulverulenta Grev.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 14/07/1895	Source: McWeeney, 1895
Puccinia punctiformis (F. Strauá) Röhl.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Puccinia recondita Desm.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia saniculae Grev.				Rusts and Smuts	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Puccinia saxifragae Schltdl.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/1961	Source: FRDBI
Puccinia smyrnii Biv.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia tanaceti DC.				Rusts and Smuts	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 26/08/1899	Source: Scannell, 1979
Puccinia variabilis Grev.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Puccinia violae DC.				Rusts and Smuts	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 27/10/2010	Source: Mitchel, 2010
Pyrenidium actinellum Nyl.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Pyrenopeziza brassicae B. Sutton & Rawl.				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Pyrenopeziza pulveracea (Fuckel) Gremmen				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Pyrenopeziza revincta (P. Karst.) Gremmen				Ascomycetes	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Pyrenophora graminea S. Ito & Kurib.				Ascomycetes	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 1907	Source: Johnson, T, 1907
Radulomyces confluens (Fr.) M.P. Christ.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI

Ramaria stricta (Pers.) Quél. — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: No H16: Yes H17: No Aran Islands: No Last record: 27/10/2010 Source: Mitchel, 2010

Ramariopsis kunzei (Fr.) Corner — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: No H16: Yes H17: No Aran Islands: No Last record: 31/10/2010 Source: Mitchel, 2010

Ramularia didyma Unger — Anamorphic Fungi

H15: No H16: Yes H17: Yes Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Ramularia pratensis Sacc. — Anamorphic Fungi

H15: No H16: No H17: No Aran Islands: Yes Last record: 02/06/1993 Source: FRDBI

Ramularia primulae Thüm. — Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Ramularia rubella (Bonord.) Nannf. — Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Ramularia taraxaci Sacc. — Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Ramularia veronicae Fautrey — Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1938

Resinicium bicolor (Alb. & Schwein.) Parmasto — Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Reticularia lycoperdon Bull. — Myxomycete

H15: Yes H16: Yes H17: Yes Aran Islands: No Last record: 03/06/1993 Source: Ing & McHugh, 1988

Reticularia splendens Morgan — Myxomycete

H15: No H16: Yes H17: No Aran Islands: No Last Record Unknown Source: Ing & McHugh, 1988

Rhabdospora pleosporoides (Sacc.) Sacc. — Anamorphic Fungi

H15: No H16: No H17: Yes Aran Islands: No Last record: 01/07/1934 Source: O'Connor, 1949

Rhinotrichum repens Preuá — Anamorphic Fungi

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Rhizocarpon advenulum (Leight.) Hafellner & Poelt — Lichenicolous Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: --/--/18XX Source: FRDBI

Rhodotus palmatus (Bull.) Maire — Boletes and Agarics

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Rhopographus filicinus (Fr.) Nitschke ex Fuckel — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 05/11/2010 Source: Mitchel, 2010

Rhytisma acerinum (Pers.) Fr. — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 05/11/2010 Source: Mitchel, 2010

Rhytisma salicinum (Pers.) Fr. — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: Yes Last record: 26/10/2010 Source: Mitchel, 2010

Rickenella fibula (Bull.) Raithelh. — Boletes and Agarics

H15: No H16: Yes H17: Yes Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Rickenella swartzii (Fr.) Kuyper — Boletes and Agarics

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Rosellinia britannica L.E. Petrini, Petrini & S.M. Francis — Ascomycetes

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Rosellinia mammiformis (Hoffm.) Ces. & De Not. — Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 21/05/1978 Source: Scannell, 1973

Rosellinia mastoidea Sacc. — Ascomycetes

H15: No H16: No H17: Yes Aran Islands: No Last record: 12/07/1896 Source: McWeeney, 1896

Russula adusta (Pers.) Fr. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Russula betularum Hora — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Russula chloroides (Krombh.) Bres. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 26/08/2002 Source: FRDBI

Russula cyanoxantha (Schaeff.) Fr. — Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Russula delica Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Russula fellea (Fr.) Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Russula fragilis (Pers.) Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Russula grata Britzelm. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 19/09/1989 Source: FRDBI

Russula luteotacta Rea Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 20/09/1989 Source: FRDBI

Russula nigricans (Bull.) Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 29/10/2010 Source: Mitchel, 2010

Russula nobilis Velen. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Russula ochroleuca Pers. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/11/2010 Source: Mitchel, 2010

Russula queletii Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Russula sanguinaria (Schumach.) Rauschert Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/11/2010 Source: Mitchel, 2010

Russula sardonia Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 25/10/2010 Source: Mitchel, 2010

Russula silvestris (Singer) Reumaux Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 23/09/1942 Source: Muskett, 1943

Russula versicolor Jul. Schaeff. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 29/10/2010 Source: Mitchel, 2010

Russula vesca Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 19/09/1989 Source: FRDBI

Rutstroemia lindaviana (Kirschst.) Dennis Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 1965-1969 Source: Palmer, 1985

Sarcoscypha coccinea (Jacq.) Sacc. Ascomycetes

H15: No H16: No H17: Yes Aran Islands: No Last record: 01/03/1940 Source: O'Connor, 1949

Schizophyllum commune (L.) Fr. Boletes and Agarics

H15: No H16: Yes H17: No Aran Islands: No Last record: 31/10/2010 Source: Mitchel, 2010

Schizopora paradoxa (Schrad.) Donk Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Scleroderma areolatum Ehrenb. Gasteroid Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 02/11/2010 Source: Mitchel, 2010

Scleroderma cepa Pers. Gasteroid Fungi

H15: Yes H16: No H17: No Aran Islands: No Last record: --/09/1989 Source: FRDBI

Scleroderma citrinum Pers. Gasteroid Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 24/10/2010 Source: Mitchel, 2010

Scleromitrula calthicola (Whetzel) T. Schumach. & Holst-Jensen Ascomycetes

H15: No H16: No H17: Yes Aran Islands: No Last record: 1965-1969 Source: Palmer, 1985

Sclerotinia sclerotiorum (Lib.) de Bary Ascomycetes

H15: No H16: No H17: No Aran Islands: No Last Record Unknown Source: Muskett & Malone 1975

Scopuloides hydnoides (Cooke & Maáee) Hjortstam & Ryvarden Aphyllophoroid Fungi - Brackets Chanterelles etc

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Scutellinia trechispora (Berk. & Broome) Lambotte Ascomycetes

H15: No H16: Yes H17: No Aran Islands: No Last record: 01/11/1934 Source: O'Connor, 1949

Selenosporella curvispora G. Arnaud ex MacGarvie Anamorphic Fungi

H15: Yes H16: No H17: No Aran Islands: No Last record: 03/06/1993 Source: FRDBI

Septoria apiicola Speg. Anamorphic Fungi

H15: No H16: Yes H17: No Aran Islands: No Last record: 1915 Source: Pethybridge, 1916

Septoria scabiosicola Desm.				Anamorphic Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Skeletocutis nivea (Jungh.) Jean Keller				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Skyttea elachistophora (Nyl.) Sherwood & D. Hawksw.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/--/1876	Source: FRDBI
Sordaria fimicola (Roberge ex Desm.) Ces. & de Not.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Spermospora lolii MacGarvie & O'Rourke				Anamorphic Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1969	Source: MacGarvie & O'Rourke,
Sphacelotheca hydropiperis (Schumach.) de Bary				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1916	Source: Pethybridge, 1916
Sphaerotheca epilobii (Link) de Bary				Powdery Mildews	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Stachybotrys dichroa Grove				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Steccherinum fimbriatum (Pers.) J. Eriká.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Steccherinum ochraceum (Pers.) Gray				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Stemonitis axifera (Bull.) T. Macbr.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Stemonitis flavogenita E. Jahn				Myxomycete	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Stemonitis fusca Roth				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Stemonitis splendens Rostaf.				Myxomycete	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Stemonitis virginiensis Rex				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Stemonitopsis hyperopta (Meyl.) Nann.-Bremek.				Myxomycete	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Stemonitopsis typhina (F.H. Wigg.) Nann.-Bremek.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Stereum hirsutum (Willd.) Gray				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Stereum rugosum (Pers.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 28/10/2010	Source: Mitchel, 2010
Stereum sanguinolentum (Alb. & Schwein.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Stigmidium schaereri (A. Maáal.) Trevis.				Lichenicolous Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 1970	Source: Folan, 1970
Strobilurus esculentus (Wulfen) Singer				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Strobilurus tenacellus (Pers.) Singer				Boletes and Agarics	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Stropharia albonitens (Fr.) P. Karst.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Stropharia pseudocyanea (Desm.) Morgan				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 04/11/2010	Source: Mitchel, 2010
Stropharia semiglobata (Batsch) Quél.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Strossmayeria basitricha (Sacc.) Dennis				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 04/08/1966	Source: FRDBI

Stypella grilletii (Boud.) P. Roberts				Jellies	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Suillus bovinus (L.) Roussel				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Suillus granulatus (L.) Rouáel				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 22/08/2006	Source: FRDBI
Suillus grevillei (Klotzsch) Singer				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Suillus luteus (L.) Rouáel				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Suillus viscidus (L.) Rouáel				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 16/07/1895	Source: McWeeney, 1895
Synchytrium taraxaci de Bary & Woronin				Aquatic Chytrids	
H15: Yes	H16: No	H17: No	Aran Islands: Yes	Last record: 03/06/1993	Source: FRDBI
Taphrina alni (Berk. & Broome) Gjaerum				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 26/10/2010	Source: Mitchel, 2010
Taphrina pruni Tul.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Thecaphora trailii Cooke				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: --/06/1965	Source: FRDBI
Tilletia sphaerococca (Rabenh.) A.A. Fisch. Waldh.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 20/07/1967	Source: Scannell, 1973
Tomentella lapidum (Pers.) Stalpers				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Tomentella sublilacina (Ellis & Holw.) Wakef.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 15/09/1989	Source: FRDBI
Toninia episema (Nyl.) Timdal				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last Record Unknown	Source: Muskett & Malone 1975
Toninia plumbina (Anzi) Hafellner & Timdal				Lichenicolous Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/19XX	Source: FRDBI
Torula herbarum (Pers.) Link				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Trametes gibbosa (Pers.) Fr.				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Trametes versicolor (L.) Pilát				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Tremella indecorata Sommerf.				Jellies	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Tremella mesenterica Retz.				Jellies	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 06/11/2010	Source: Mitchel, 2010
Trichaptum abietinum (Pers.) Ryvarden				Aphyllophoroid Fungi - Brackets Chanterelles etc	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Trichia affinis de Bary				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Trichia botryitis (Pers. ex J.F. Gmel.) Pers.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Trichia contorta (Ditmar) Rostaf.				Myxomycete	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Trichia decipiens (Pers.) T. Macbr.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Trichia munda (Lister) Meyl.				Myxomycete	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Trichia persimilis P. Karst.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988

Trichia varia (Pers. ex J.F. Gmel.) Pers.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last record: 03/06/1993	Source: Ing & McHugh, 1988
Trichoglossum hirsutum (Pers.) Boud.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 05/11/2010	Source: Mitchel, 2010
Trichoglossum walteri (Berk.) E.J. Durand				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 26/10/2010	Source: Mitchel, 2010
Tricholoma album (Schaeff.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 02/11/2010	Source: Mitchel, 2010
Tricholoma fulvum (Bull.) Bigeard & H. Guill.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 29/10/2010	Source: Mitchel, 2010
Tricholoma scalpturatum (Fr.) Quél.				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Tricholoma terreum (Schaeff.) P. Kumm.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/11/2010	Source: Mitchel, 2010
Tricholoma ustale (Fr.) Quél.				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 24/10/2010	Source: Mitchel, 2010
Tricholomopsis rutilans (Schaeff.) Singer				Boletes and Agarics	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 30/10/2010	Source: Mitchel, 2010
Triphragmium ulmariae (DC.) Link				Rusts and Smuts	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Trochila craterium (DC.) Fr.				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 21/10/1978	Source: Scannell, 1973
Trochila ilicina (Nees) Greenh. & Morgan-Jones				Ascomycetes	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 05/11/2010	Source: Mitchel, 2010
Tuber aestivum Vittad.				Ascomycetes	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 30/10/2003	Source: FRDBI
Tubeufia paludosa (P. Crouan & H. Crouan) Roáman				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Tubifera ferruginosa (Batsch) J.F. Gmel.				Myxomycete	
H15: Yes	H16: Yes	H17: Yes	Aran Islands: No	Last Record Unknown	Source: Ing & McHugh, 1988
Ulocladium botrytis Preuá				Anamorphic Fungi	
H15: No	H16: No	H17: No	Aran Islands: No	Last record: --/--/1979	Source: FRDBI
Uredo morvernensis Dennis				Rusts and Smuts	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 16/10/1947	Source: FRDBI
Urocystis violae (Sowerby) A.A. Fisch. Waldh.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 12/07/1895	Source: McWeeney, 1895
Uromyces ambiguus (DC.) Fuckel				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 01/06/1941	Source: O'Connor, 1949
Uromyces geranii (DC.) Fr.				Rusts and Smuts	
H15: No	H16: No	H17: No	Aran Islands: Yes	Last record: 02/06/1993	Source: FRDBI
Uromyces pisi-sativi (Pers.) Liro				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1935	Source: O'Connor, 1938
Uromyces rumicis (Schumach.) G. Winter				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 01/07/1934	Source: O'Connor, 1938
Uromyces scrophulariae Fuckel				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 01/07/1934	Source: O'Connor, 1938
Uromyces valerianae Fuckel				Rusts and Smuts	
H15: No	H16: No	H17: Yes	Aran Islands: No	Last record: 12/07/1896	Source: McWeeney, 1896
Ustanciosporium majus (Desm.) M. Piepenbr.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 08/09/1959	Source: FRDBI
Ustilago avenae (Pers.) Rostr.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last Record Unknown	
Ustilago hordei Bref.				Rusts and Smuts	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 14/07/1895	Source: McWeeney, 1895

Vascellum pratense (Pers.) Kreisel				Gasteroid Fungi	
H15: No	H16: Yes	H17: No	Aran Islands: Yes	Last record: 06/11/2010	Source: Mitchel, 2010
Virgaria nigra (Link) Nees				Anamorphic Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Volutella ciliata (Alb. & Schwein.) Fr.				Anamorphic Fungi	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Xerula radicata (Relhan) Dörfelt				Boletes and Agarics	
H15: No	H16: Yes	H17: No	Aran Islands: No	Last record: 23/09/1942	Source: Muskett, 1943
Xylaria carpophila (Pers.) Fr.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI
Xylaria hypoxylon (L.) Grev.				Ascomycetes	
H15: Yes	H16: Yes	H17: No	Aran Islands: No	Last record: 04/11/2010	Source: Mitchel, 2010
Xylaria longipes Nitschke				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 03/06/1993	Source: FRDBI
Xylaria polymorpha (Pers.) Grev.				Ascomycetes	
H15: Yes	H16: No	H17: No	Aran Islands: No	Last record: 04/06/1993	Source: FRDBI

Galway Fungi List - Species Record Sources

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