

AGARICS AND BOLETES

* Indicates dubious records

Agaricus arvensis Schaeff.

Horse Mushroom

Reported from grassland and with *Betula* and *Salix*.

Agaricus augustus Fr.

The Prince

Found in *Pinus* woodland.

Agaricus bisporus (J.E. Lange) Imbach

Cultivated Mushroom

Noted in *Pinus* mixed woodland.

Agaricus bitorquis (Quél.) Sacc.

Noted with *Fagus sylvatica*.

Agaricus campestris var. *campestris* L.

Field Mushroom

Recorded in grassland and in conifer leaf litter.

Agaricus comtulus Fr.

Noted in grassland in a park.

Agaricus langei (F.H. Møller) F.H. Møller

Scaly Wood Mushroom

Found with *Betula* in grassy places.

Agaricus moelleri Wasser

Inky Mushroom

Recorded with *Rhododendron* and *Betula*.

Agaricus osecanus Pilát

Recorded on the fixed dunes at Ainsdale.

Agaricus porphyrizon P.D. Orton

Lilac Mushroom

Recorded at Ainsdale on the fixed dunes and in *Pinus* litter.

Agaricus silvaticus Schaeff.

Blushing Wood Mushroom

Noted in both broadleaved and conifer woodlands as well as in grassland.

Agaricus silvicola var. *silvicola* (Vittad.) Peck

Wood Mushroom

Noted in grassland with sandy soil.

Agaricus urinascens var. *urinascens* (F.H. Møller & Jul.

Schäff) Singer

(= *Agaricus macrosporus* (F.H. Møller & Jul. Schäff.) Pilát)

Macro Mushroom

Found in semi-improved grassland on the Pennine fringes.

**Agaricus xanthodermus* Genev.

Yellow Stainer

Recorded at Ainsdale with *Pinus* and *Betula*.

Agrocybe arvalis (Fr.) Singer

Noted in garden woodchip.

Agrocybe erebia (Fr.) Singer

Dark Fieldcap

Noted in broadleaved woodland including *Quercus*.

Agrocybe molesta (Lasch) Singer

Recorded on woodchip.

Agrocybe paludosa (J.E. Lange) Kühner & Romagn

Found in grassland, one record near *Crataegus*.

**Agrocybe pediades* (Fr.) Fayod

(= *Agrocybe semiorbicularis* (Bull.) Fayod)

Common Fieldcap

Noted in grassland at Huyton.

Agrocybe praecox (Pers.) Fayod

Spring Fieldcap

Recorded in grassland and woodchip and with *Betula*.

Amanita citrina var. *alba* (Pers.) Quél & Battaille

False Deathcap

Noted with *Fagus sylvatica*.

Amanita citrina var. *citrina* (Schaeff.) Pers.

False Deathcap

Found on woodland edges and in both conifer and broadleaved woodlands.

Amanita crocea (Quél.) Singer

Orange Grisette

Found growing with *Rhododendron* at Tandle Hill, Royton.

Amanita excelsa var. *excelsa* (Fr.) Bertill.

Reported growing with *Acer pseudoplatanus*.

Amanita excelsa var. *spissa* (Fr.) Neville & Poumerat

Grey Spotted Amanita

Reported growing with *Fagus sylvatica* and *Quercus*.

Amanita fulva (Schaeff.) Fr.

Tawny Grisette

Very common and occasionally in great quantities in broadleaved woodland, particularly with *Quercus*.

Amanita muscaria var. *muscaria* (L.) Lam.

Fly Agaric

Very common, most records are with *Betula*.

Amanita pantherina (DC.) Kromb.

Panthercap

Noted in a *Sambucus* woodland.

Amanita phalloides (Fr.) Link

Deathcap

One report with *Pinus sylvestris*.

Amanita rubescens var. *rubescens* Pers.

Blusher

Very common with many broadleaved trees and also with *Larix*.

Amanita submembranacea (Bon) Gröger

Noted with *Fagus sylvatica* and *Pinus*.

Amanita vaginata (Bull.) Lam.

Grisette

Frequent. Reported with a variety of broadleaved trees, especially *Fagus sylvatica* and *Betula*.

Ampulloclitocybe clavipes (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys

(= *Clitocybe clavipes* (Pers.) P. Kumm.)

Club Foot

Noted in leaf litter with *Betula*, *Fagus sylvatica*, *Pinus* and *Ptilidium aquilinum*.

**Armillaria ectypa* (Fr.) Emel

Marsh Honey Fungus

Noted on a fallen *Fagus sylvatica* trunk in Duxbury Wood, Chorley.

Armillaria gallica Marxm. & Romagn.

Bulbous Honey Fungus

Reported on rotten *Fagus sylvatica* stumps.

Armillaria mellea s. lat.

Honey Fungus

Very common some years on live trees and fallen trunks of a variety of broadleaved trees.

Armillaria ostoyae (Romagn.) Herink
Dark Honey Fungus
Noted on *Pinus* and *Quercus* stumps.

Arrhenia retiruga (Bull.) Redhead
Found growing amongst bryophytes, one record gives *Brachythecium rutabulum*.

Baeospora myosura (Fr.) Singer
Conifer Conecap
Noted on a buried *Pinus sylvestris* cone.

Bolbitius reticulatus (Pers.) Ricken
(= *Bolbitius aleuriatus* (Fr.) Singer)
Netted Fieldcap
Habitat not recorded.

Bolbitius titubans var. titubans (Bull.) Fr.
(= *Bolbitius vitellinus* (Pers.) Fr.)
Yellow Fieldcap
Frequent in semi-improved grassland.

Boletus badius (Fr.) Fr.
(= *Xerocomus badius* (Fr.) E.-J. Gilbert)
Bay Bolete
Commonly found with a number of broadleaved and conifer trees.

Boletus calopus Pers.
Bitter Beech Bolete
Noted in leaf litter.

Boletus chrysenteron Bull.
(= *Xerocomus chrysenteron* (Bull.) Quél.)
Red Cracking Bolete
Common in leaf litter with a variety of broadleaved trees notably *Fagus sylvatica* and *Quercus*.

Boletus cisalpinus (Simonini, H. Ladurner & Peintner) Watling & A. Hills
Habitat not recorded.

Boletus edulis Bull.
Penny Bun, Cep
Recorded in litter of both broadleaved and conifer trees.

Boletus luridiformis var. luridiformis Rostk.
(= *Boletus erythropus* Pers.)
Scarletina Bolete
Found in *Fagus sylvatica* and *Quercus* leaf litter.

Boletus porosporus G. Moreno & Bon
Sepia Bolete
Reported with *Acer pseudoplatanus* and *Betula*.

Boletus pruinatus Fr. & Hök
(= *Xerocomus pruinatus* (Fr. & Hök) Quél.)
Matt Bolete
Recorded in *Pinus* needle litter and with *Quercus*.

Boletus pulverulentus Opat.
(= *Xerocomus pulverulentus* (Opat.) E.-J. Gilbert)
Inkstain Bolete
Found with *Fagus sylvatica* and *Quercus*.

Boletus radicans Pers.
Rooting Bolete
Habitat nor recorded.

Boletus reticulatus Schaeff.
Summer Bolete
Noted with *Betula* in parkland.

Boletus rubellus Krombh.
(= *Xerocomus rubellus* (Krombh.) Quél.)
Ruby Bolete

Noted with Conifers and *Salix repens* at Ainsdale and with *Fagus sylvatica*.

Boletus subtomentosus L.
(= *Xerocomus subtomentosus* (L.) Quél.)
Suede Bolete
Common with *Fagus sylvatica* and *Quercus*.

Calocybe gambosa (Fr.) Donk
St. George's Mushroom
Recorded with *Betula*, *Acer pseudoplatanus*, *Aesculus hippocastanum* and *Larix* as well as grassland. This species can form large fairy rings in grassland.

Calyprella capula (Holmsk.) Quél.
Recorded on dead herbaceous stems including *Urtica dioica* and *Cirsium arvense*.

Camarophylloopsis schulzeri (Bres.) Herink
Noted in acid grassland.

Chalciporus piperatus (Bull.) Bataille
Peppery Bolete
Usually found with *Betula*.

Chlorophyllum brunneum (Farl. & Burt) Vellinga
(= *Macrolepiota rachodes var. bohemia* (Wichanský) Bellù & Lanzoni)
Noted in *Acacia* compost.

Chlorophyllum rhacodes (Vittad.) Vellinga
Macrolepiota rhacodes (Vittad.) Singer
Parasol
Reported with *Betula*.

Chroogomphus rutilus (Schaeff.) O.K. Mill.
Copper Spike
Found in the *Pinus* needle litter at Ainsdale.

Clitocybe candicans (Pers.) P. Kumm.
Reported on a rotten *Aesculus hippocastanum* fruit.

Clitocybe ditopa (Fr.) Gillet
Mealy Frosted Funnel
Reported in grassland and in broadleaved leaf litter.

Clitocybe fragrans (With.) P. Kumm.
Fragrant Funnel
Noted in a variety of habitats including *Pinus* needle litter, *Ulex*, *Betula* and with bryophytes.

Clitocybe geotropa (Bull.) Quél.
Trooping Funnel
Noted with *Fagus sylvatica*.

Clitocybe gibba (Pers.) P. Kumm.
Common Funnel
Reported with *Quercus*.

Clitocybe hydrogramma (Bull.) P. Kumm.,
Noted in *Betula* leaf litter.

Clitocybe metachroa (Fr.) P. Kumm.
(= *Clitocybe bicolor* (Pers.) Murrill)
Recorded in both broadleaved and conifer woodlands.

Clitocybe nebularis (Batsch) P. Kumm.
Clouded Funnel
Recorded with *Acer pseudoplatanus*, *Betula*, *Fagus sylvatica* and *Pinus*.

Clitocybe odora (Bull.) P. Kumm.
Aniseed Funnel
Reported in *Betula* and *Corylus avellana* leaf litter.

Clitocybe phaeophthalma (Pers.) Kuyper
Chicken Run Funnel
Noted with *Pinus* at Ainsdale.

Clitocybe phyllophila (Pers.) P. Kumm.

Frosty Funnel

Found in *Pinus* leaf litter at Ainsdale and with *Fagus sylvatica*.

Clitocybe rivulosa (Pers.) P. Kumm.

Fool's Funnel

Most records are from grassland.

****Clitocybe subspadicea*** (J.E. Lange) Bon & Chevassut

Noted in Duxbury Wood, Chorley, growing with *Fagus sylvatica* and *Quercus*.

Clitocybe vermicularis (Fr.) Gillet

Frequently recorded in the *Pinus* leaf litter at Ainsdale. Specimen sent to Kew in 2002 confirmed as this species.

Clitocybe vibecina (Fr.) Quéf.

Mealy Funnel

Noted in grassland and with conifers.

Clitopilus prunulus (Scop.) P. Kumm.

The Miller

Noted growing with *Fagus sylvatica* and *Quercus*.

Collybia cirrhata (Pers.) Quéf.

Piggyback Shanklet

Reported in grassy soil.

Collybia cookei (Bres.) J.D. Arnold

Splitpea Shanklet

Usually found in leaf litter and mossy soil in broadleaved woodlands.

Collybia tuberosa (Bull.) P. Kumm.

Lentil Shanklet

Noted on *Oryctolagus cuniculus* droppings.

Conocybe ambigua Watling

Noted in grassland.

Conocybe anthracophila* var. *anthracophila Watling

Recorded in sand dune grassland and burnt ground.

Conocybe apala (Fr.) Arnolds

Noted in grassland.

Conocybe aporos Kits van Wav.

Found growing with both broadleaved and conifer trees.

Conocybe arrhenii (Fr.) Kits van Wav.

Ringed Conecap

Noted on grassland and broadleaved woodland including *Betula* leaf litter and on dead *Urtica dioica* stems.

Conocybe blattaria (Fr.) Kühner

Noted on dead stems of *Ptilidium aquilinum*.

Conocybe brunnea Watling

Found in grass in broadleaved woodland.

Conocybe filaris (Fr.) Kühner

Fool's Conecap

Found in woodland, noted with *Corylus avellana* and *Pinus*.

Conocybe fuscimarginata (Murrill) Singer

Recorded on Straw manure in farmyard.

Conocybe leucopus Kühner ex Kühner & Watling

Noted on a grassy woodland path.

Conocybe mesospora Kühner & Watling

Noted in broadleaved woodland.

Conocybe percincta P.D. Orton

Found in woodland.

Conocybe pulchella (Velen.) Hauskn. & Svrček

Habitat not recorded.

Conocybe rickeniana P.D. Orton

Noted in semi-improved grassland.

Conocybe rugosa (Peck) Watling

Reported growing with *Alnus glutinosa*.

Conocybe siennophylla (Berk. & Broome) Singer

Noted on a golf-course.

Conocybe subovalis Kühner & Watling

Noted in broadleaved woodland.

Conocybe tenera (Schaeff.) Fayod

Noted in semi-improved grassland.

Coprinellus angulatus (Peck) Redhead, Vilgalys & Moncalvo

(= *Coprinus angulatus* Peck)

Noted on burnt ground and fire sites.

Coprinellus callinus (M. Lange & A.H. Sm.) Vilgalys, Hopple &

Jacq. Johnson

(= *Coprinus callinus* M. Lange & A.H. Sm.)

Found in grassland.

Coprinellus disseminatus (Pers.) J.E. Lange

(= *Coprinus disseminatus* (Pers.) Gray)

Fairy Inkcap

Found in great numbers at the bases of rotten stumps. Noted on *Acer pseudoplatanus*, *Betula* and *Salix*.

Coprinellus domesticus (Bolton) Vilgalys, Hopple, & Jacq.

Johnson

(= *Coprinus domesticus* (Bolton) Gray)

Firerug Inkcap Coprinellus

Noted on rotten broadleaved wood. It is the orange "Ozonium" state that is usually seen.

****Coprinellus ellisii*** (P.D. Orton) Redhead, Vilgalys & Moncalvo

(= *Coprinus ellisii* P.D. Orton)

One record on rotten broadleaved trees in Cuerdon Valley Park, near Chorley.

Coprinellus micaceus (Bull.) Vilgalys, Hopple & Jacq. Johnson

(= *Coprinus micaceus* (Bull.) Fr.)

Glistening Inkcap

Very Common throughout the year on rotten wood and stumps of broadleaved trees.

Coprinellus radians (Desm.) Vilgalys, Hopple & Jacq. Johnson

(= *Coprinus radians* (Desm.) Fr.)

Noted on wood.

Coprinellus verrucispermus (Joss. & Enderle) Redhead, Vilgalys & Moncalvo

(= *Coprinus verrucispermus* Joss. & Enderle)

On buried wood in a clear-felled area of woodland. This specimen found at Cuerden Park, near Leyland was confirmed by Kew as the first British record.

Coprinopsis acuminata (Romagn.) Redhead, Vilgalys & Moncalvo

(= *Coprinus acuminatus* (Romagn.) P.D. Orton)

Humpback Inkcap

Noted growing on buried wood.

Coprinopsis atramentaria (Bull.) Redhead, Vilgalys & Moncalvo

(= *Coprinus atramentarius* (Bull.) Fr.)

Common Inkcap

Very Common in broadleaved woodland and grassy rides.

Coprinopsis cinerea (Schaeff.) Redhead, Vilgalys & Moncalvo(=

Coprinus cinereus (Schaeff.) Gray)

Found with dung and *Lathyrus odoratus*.

Coprinopsis cinereofloccosa (P.D. Orton) Redhead, Vilgalys & Moncalvo
(= *Coprinus cinereofloccosus* P.D. Orton)
Noted in grassland.

Coprinopsis friesii (Quél.) P. Karst.
(= *Coprinus friesii* Quél.)
Found growing on a lawn.

Coprinopsis laanii (Kits van Wav.) Redhead, Vilgalys & Moncalvo
(= *Coprinus laanii* Kits van Wav.)
Noted of buried wood and the cut end of a trunk.

****Coprinopsis lagopides*** (P. Karst.) Redhead, Vilgalys & Moncalvo
(= *Coprinus lagopides* P. Karst.)
One record on burnt wood at Mere Sands Wood at Rufford.

Coprinopsis lagopus (Fr.) Redhead, Vilgalys & Moncalvo
(= *Coprinus lagopus* (Fr.) Fr.)
Hare'sfoot Inkcap
Found on rotten wood including *Acer pseudoplatanus* and *Betula*.

Coprinopsis macrocephala (Berk.) Redhead, Vilgalys & Moncalvo
(= *Coprinus macrocephalus* (Berk.) Berk.)
This was found in straw which appeared to have been partially digested by the fungus.

Coprinopsis marcescibilis (Britzelm.) Örstadius & E. Larss.
(= *Psathyrella marcescibilis* (Britzelm.) Singer)
Habitat not recorded.

Coprinopsis nivea (Pers.) Redhead, Vilgalys & Moncalvo
(= *Coprinus niveus* (Pers.) Fr.)
Snowy Inkcap Coprinopsis
Frequent on *Ovis aries* dung in semi-improved grassland.

Coprinopsis romagnesiana (Singer) Redhead, Vilgalys & Moncalvo
(= *Coprinus romagnesianus* Singer)
Noted on rotten broadleaved wood.

Coprinopsis semitalis (P.D. Orton) Redhead, Vilgalys & Moncalvo
(= *Coprinus semitalis* P.D. Orton)
Found in leaf litter and mowed grass.

****Coprinopsis stercorea*** (Fr.) Redhead, Vilgalys & Moncalvo
(= *Coprinus stercoreus* Fr.)
Found on dung of *Bos taurus* and *Ovis aries* in Knowsley Park and Littleborough.

Coprinus comatus (O.F. Müll.) Pers.
Shaggy Inkcap or Lawyers Wig
Common in grassland and with a variety of broadleaved trees.

Coprinus cortinatus J.E. Lange
Noted on rotten *Pinus* on the dunes at Ainsdale.

Coprinus silvaticus Peck
Noted on buried wood.

Cortinarius acutus (Pers.) Fr.
Recorded with *Salix repens* in the dune scrub at Ainsdale.

Cortinarius alboviolaceus (Pers.) Fr.
Pearly Webcap
Noted in *Betula* scrub.

Cortinarius anomalus (Fr.) Fr.
Variable Webcap
Common on the dunes with *Salix repens* and in broadleaved woodland with *Betula*, *Quercus* and *Salix*.

Cortinarius armillatus (Fr.) Fr.
Red Banded Webcap

Recorded growing with *Betula*.

Cortinarius bibulus Quél.
Reported growing with *Alnus glutinosa*.

Cortinarius bivelus (Fr.) Fr.
Recorded growing with *Betula*.

Cortinarius brunneus var. brunneus (Pers.) Fr.
Habitat not recorded.

Cortinarius brunneus var. glandicolor (Fr.) H. Lindstr. & Melot
Reported with *Betula* and in in *Salix* leaf litter.

Cortinarius cinnamomeus (L.) Gray
Cinnamon Webcap
Noted in *Pinus* needle litter at Ainsdale.

Cortinarius croceus (Schaeff.) Gray
Reported in leaf litter.

Cortinarius decipiens var. decipiens (Pers.) Fr.
Sepia Webcap
Reported with *Acer pseudoplatanus* and *Betula*.

Cortinarius flexipes var. flabellus (Fr.) H. Lindstr. & Melot
Pelargonium Webcap
Noted growing with *Salix*.

Cortinarius flexipes var. flexipes (Pers.) Fr.
Reported with *Pinus* on the coast and with *Fagus sylvatica* and *Quercus* at inland sites.

****Cortinarius fulvosquamosus*** P.D. Orton
Noted with the *Salix repens* on Ainsdale Dunes.

****Cortinarius helvelloides*** (Fr.) Fr.
Recorded in *Pinus* leaf litter on Ainsdale Dunes.

Cortinarius hemitrichus (Pers.) Fr.
Frosted Webcap
Common with *Betula* and *Salix*.

Cortinarius hinnuleus (Sowerby) Fr.
Earthy webcap
Noted with *Populus* in woodland.

Cortinarius lividochraceus (Berk.) Berk.
Wrinkled Webcap
Noted with *Fagus sylvatica*.

Cortinarius obtusus (Fr.) Fr.
Found with *Quercus*.

Cortinarius ochroleucus (Schaeff.) fr.
Reported from Broadleaved woodland.

****Cortinarius phaeopygmaeus*** J. Farve
Noted in an unknown habitat at Ainsdale dunes.

Cortinarius purpurascens (Fr.) Fr.
Bruising Webcap
Reported from Broadleaved woodland.

Cortinarius raphanoides (Pers.) Fr.
(= *Cortinarius betuletorum* M.M. Moser)
Found growing with *Betula*.

****Cortinarius rigens*** (Pers.) Fr.
Reported from an *Crataegus* hedge in Liverpool.

Cortinarius sanguineus (Wulfen) Fr.
Bloodred Webcap
Noted with *Fagus sylvatica*.

Cortinarius saniosus (Fr.) Fr.
Noted with *Populus nigra* and *Salix*.

Cortinarius saturninus (Fr.) Fr.
Recorded with *Salix repens* in dune scrub.

Cortinarius semisanguineus (Fr.) Gillet
Surprise Webcap
Reported in *Salix repens* leaf litter and with *Pinus*.

***Cortinarius stillatitius** Fr.
Purple Stocking Webcap
Noted in *Fagus sylvatica* leaf litter in the Bolton area.

***Cortinarius subbalaustinus** Rob. Henry
Recorded at Mere Sands Wood, Rufford and Rixton Clay Pits, near Warrington on mossy ground with *Betula*.

***Cortinarius tabularis** (Fr.) Fr.
Reported in leaf litter at Smithills, Bolton.

***Cortinarius talus** Fr.
Honey Webcap
Noted in *Pinus sylvestris* needle litter at Cuerden Valley Park, near Chorley.

Cortinarius trivialis J.E. Lange
Girdled Webcap
Frequently recorded with *Salix repens* in dune scrub.

Cortinarius uliginosus Berk.
Recorded in *Pinus* needle litter.

***Cortinarius variicolor** (Pers.) Fr.
Noted with *Fagus sylvatica* at Wayoh Reservoir, Bolton.

***Cortinarius violaceus** (L.) Gray
Violet Webcap
Found in grassland at Ainsdale.

Crepidotus applanatus var. applanatus (Pers.) P. Kumm.
Flat Oysterling
Found on fallen twigs of broadleaved trees.

Crepidotus carpaticus Pilát
Found on fallen *Acer pseudoplatanus* twigs.

Crepidotus caspari Velen.
(= *Crepidotus lundellii* Pilát)
Yellowing Oysterling
Found on fallen twigs.

Crepidotus cesatii (Rabenh.) Sacc.
Recorded on dead *Crataegus monogyna* sticks.

Crepidotus epibryus (Fr.) Quél.
Noted on a fallen rotten *Fagus sylvatica* trunk.

Crepidotus luteolus (Lambotte) Sacc.
Recorded on dead *Crataegus monogyna* sticks.

Crepidotus mollis (Schaeff.) Staude
Peeling Oysterling
Common on rotten wood of broadleaved trees.

Crepidotus variabilis (Pers.) P. Kumm.
Variable Oysterling
Very common on twigs and rotten branches of broadleaved trees.

Crepidotus versutus (Peck) Sacc.
Found on sticks at Ainsdale.

Crinipellis scabella (Alb. & Schwein.) Murrill
Hairy Parachute

Found in grassland.

Cystoderma amianthinum (Scop.) Fayod
Earthy Powdercap
Very common in all types of grassland and on lawns.

Cystoderma carcharias (Pers.) Fayod
Pearly Powdercap
Noted in grassland.

Cystoderma jasonis (Cooke & Masee) Harm.
Noted in semi-improved grassland.

Cystolepiota bucknallii (Berk. & Broome) Singer
Lilac Dapperling
Reported in grassy soil.

Cystolepiota hetieri (Boud.) Singer
Reported with *Corylus avellana* and on rotten stumps.

Cystolepiota seminuda (Lasch) Bon
Habitat not recorded.

Dermoloma cuneifolium (Fr.) Bon
Crazed Cap
Noted in semi-improved grassland.

Echinoderma asperum (Pers.) Bon
(= *Lepiota aspera* (Pers.) Quél.)
Freckled Dapperling
Noted in *Acer pseudoplatanus* litter.

Entoloma aprile (Britzelm.) Sacc.
A spring species of broadleaved woodlands including *Populus alba*.

Entoloma cetratum (Fr.) M.M. Moser
Honey Pinkgill
Noted in grass in mixed woodland.

Entoloma chalybaeum var. chalybaeum (Pers.) Noordel.
Indigo Pinkgill
Noted in semi-improved grassland.

Entoloma chalybaeum var. lazulinum (Fr.) Noordel.
Found in *Salix repens* leaf litter on the sand dunes.

Entoloma clypeatum f. clypeatum (L.) P. Kumm.
Shield Pinkgill
Reported with *Crataegus monogyna* and in *Salix repens* leaf litter.

Entoloma conferendum var. conferendum (Britzelm.)
Noordel.
Star Pinkgill
Very common in all types of grassland.

***Entoloma conferendum var. pusillum** (Velen.) Noordel.
Noted in *Fagus sylvatica* leaf litter in Duxbury Wood, near Chorley.

***Entoloma costatum** (Fr.) Kumm.
Found in semi-improved grassland near Littleborough.

Entoloma hirtipes (Schumach.) M.M. Moser
Found in grassland with scattered trees.

Entoloma incanum (Fr.) Hesler
Mousepee Pinkgill
recorded with *Betula* on the Ainsdale dunes.

Entoloma jubatum (Fr.) P. Karst.
Sepia Pinkgill
Noted in semi-improved grassland.

Entoloma lividoalbum (Kühner & Romagn.) Kubička
Found growing with *Quercus*.

- Entoloma majaloides*** P.D. Orton
Noted growing with *Betula* and *Quercus*.
- Entoloma papillatum*** (Bres.) Dennis
Papillate Pinkgill
Found in grass in a garden.
- Entoloma pleopodium*** (DC.) Noordel.
Aromatic Pinkgill
Noted growing in *Salix repens* leaf litter and with *Pteridium aquilinum*.
- Entoloma porphyrophaeum*** (Fr.) P. Karst.
Lilac Pinkgill
Noted in semi-improved grassland.
- Entoloma rhodopolium*** (Fr.) P. Kumm.
(= *Entoloma nidorosum* (Fr.) Quél.)
Wood Pinkgill
Frequent in semi-improved grassland in the Pennine foothills and with *Salix*.
- Entoloma rhombisporum* var. *rhombisporum*** (Kühner & Boursier) E. Horak
Noted in broadleaved woodland.
- Entoloma sericatum*** (Britzelm.) Sacc.
Noted growing with *Betula*.
- Entoloma sericeum* var. *sericeum*** (Bull.) Quél.
Silky Pinkgill
Frequent in grassland and parkland.
- Entoloma serrulatum*** (Fr.) Hesler
Blue Edge Pinkgill
Noted at Ainsdale in *Betula* and *Salix repens* leaf litter.
- Entoloma sinuatum*** (Pers.) P. Kumm.
Livid Pinkgill
Noted with *Fagus sylvatica*.
- Entoloma turbidum*** (Fr.) Quél.
Noted in semi-improved grassland.
- Entoloma undatum*** (Gillet) M.M. Moser
Habitat unknown.
- **Flagelloscypha faginea*** (Lib.) W. B. Cooke
Seen on a *Salix fragilis* leaf at Bolton.
- Flagelloscypha minutissima*** (Burt) Donk
Noted on dead *Equisetum* stems.
- Flammulina velutipes* var. *velutipes*** (Curtis) Singer
Velvet Shank
Common in winter on a variety on broadleaved stumps and fallen trunks.
- Galerina calyptrata*** P.D. Orton
Found in mossy grassland.
- Galerina cinctula*** P.D. Orton
Recorded on mossy pathsides and on rotten wood.
- Galerina clavata*** (Velen.) Kühner
Found in mossy grassland.
- Galerina embolus*** (Fr.) P.D. Orton
Recorded in mossy grassland.
- Galerina graminea*** (Velen.) Kühner
(= *Galerina laevis* (Pers.) Singer)
Recorded in grass.
- Galerina hypnorum*** (Schränk) Kühner
Moss Bell
Noted in semi-improved grassland.
- Galerina jaapii*** A.H. Sm. & Singer
Found in moss in a bog.
- Galerina mniophila*** (Lasch) Kühner
Recorded with grass and moss in damp places.
- Galerina nana*** (Petri) Kühner
In mossy grass.
- Galerina paludosa*** (Fr.) Kühner
Bog Bell
Noted growing with *Sphagnum fallax*.
- Galerina praticola*** (F.H. Møller) P.D. Orton
In grass in parkland.
- Galerina pumila*** (Pers.) Singer
Dwarf Bell
Growing with *Atrichum undulatum*.
- Galerina sphagnorum*** (Pers.) Kühner
Found in boggy places growing with *Sphagnum* and *Polytrichum*.
- **Galerina stylifera*** (G.F. Atk.) A.H. Sm. & Singer
Reported on the Ainsdale dunes in *Salix repens* leaf litter.
- Galerina subclavata*** Kühner
Growing with a bryophyte.
- Galerina tibiicystis*** (G.F. Atk.) Singer
In a marsh with *Polytrichum* moss.
- Galerina uncialis*** (Britzelm.) Kühner
Noted on rotten wood.
- Galerina vittiformis*** (Fr.) Singer
Hairy Leg Bell
Found with *Pinus* on the dunes.
- Gymnopilus junonius*** (Fr.) P.D. Orton
Spectacular Rustgill
Frequent on stumps and fallen trunks in broadleaved and conifer woods.
- Gymnopilus penetrans*** (Fr.) Murrill
Common Rustgill
Common on rotten conifer branches and trunks. Occasionally on broadleaved wood.
- Gymnopus acervatus*** (Fr.) Murrill
(= *Collybia acervata* (Fr.) P. Kumm.)
Noted on a *Pinus* stump at Ainsdale.
- Gymnopus androsaceus*** (L.) J.L. Mata & R.H. Petersen
(= *Marasmius androsaceus* (L.) Fr.)
Horsehair Parachute
Common in *Pinus* needle litter.
- Gymnopus confluens*** (Pers.) Antonín, Halling & Noordel.
(= *Collybia confluens* (Pers.) P. Kumm.)
Clustered Toughshank
Very common in all kinds of broadleaved woodlands except at Ainsdale where it is found with *Pinus*.
- Gymnopus dryophilus*** (Bull.) Murrill
(= *Collybia dryophila* (Bull.) P. Kumm.)
Russett Toughshank
Common in broadleaved woodlands.
- Gymnopus erythropus*** (Pers.) Antonín, Halling & Noordel.
(= *Collybia erythropus* (Pers.) P. Kumm.)
Redleg Toughshank
Habitat unknown.
- Gymnopus fusipes*** (Bull.) Gray
(= *Collybia fusipes* (Bull.) P. Kumm.)

Spindle Toughshank
Found with *Quercus*.

Gymnopus ocior (Pers.) Antonín & Noordel.
(= *Collybia ocior* (Pers.) Vilgalys & O.K. Mill.)
Habitat not recorded.

Gymnopus peronatus (Bolton) Gray
(= *Collybia peronata* (Bolton) P. Kumm.)
Wood Woollyfoot
Very common in leaf litter in broadleaved woodlands.

****Hebeloma ammophilum*** Bohus
With *Salix repens* on sandy soil on the Sefton Coast.

Hebeloma anthracophilum Maire
Noted in fire site debris.

****Hebeloma collarium*** Bruchet
With *Salix repens* in the Ainsdale sand dunes.

Hebeloma crustuliniforme (Bull.) Quéf
Poisonpie
Very common with a large variety of broadleaved trees and on path sides.

Hebeloma leucosarx P.D. Orton
Noted in *Populus x canescens* leaf litter.

Hebeloma mesophaeum (Pers.) Quéf.
Veiled Poisonpie
Frequent, usually with *Betula*.

Hebeloma pusillum J.E. Lange
Usually found with *Salix repens* on the dunes and various *Salix spp.*
elsewhere.

Hebeloma sacchariolum Quéf.
Sweet Poisonpie
Recorded in *Salix* and *Betula* leaf litter.

Hebeloma sinapizans (Paulet) Gillet
Bitter Poisonpie
Recorded in *Salix* and *Betula* leaf litter.

Hohenbuehelia atrocoerulea (Fr.) Singer
Reported on a fallen twig of a broadleaved tree.

Hygrocybe acutoconica var. acutoconica (Clem.) Singer
(= *Hygrocybe persistens* (Britzelm.) Singer)
Persistent Waxcap
Noted on the dunes on the Sefton Coast and in the semi-improved
grassland of the Pennine foothills.

Hygrocybe calyptriformis var. calyptriformis (Berk.) Fayod
Pink Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe cantharellus (Schwein.) Murrill
Goblet Waxcap
Noted on the dunes on the Sefton Coast and in the semi-improved
grassland of the Pennine foothills.

Hygrocybe ceracea (Wulfen) P. Kumm.
Butter Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe chlorophana (Fr.) Wünsche
Golden Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe citrinopallida (A.H. Sm. & Hesler) Kobayasi
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe coccinea (Schaeff.) P. Kumm.
Scarlet Waxcap
Noted on the dunes on the Sefton Coast and in the semi-improved
grassland of the Pennine foothills.

Hygrocybe conica (Schaeff.) P. Kumm.
Blackening Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe conicoides (P.D. Orton) P.D. Orton & Watling
Dune Waxcap
Common on the Sefton Coast dunes and also found on the semi-improved
grasslands.

Hygrocybe fornicata var. fornicata (Fr.) Singer
Earthy Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe glutinipes var. glutinipes (J.E. Lange) R. Haller
Aar.
Glutinous Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe helobia (Arnolds) Bon
Noted in un-improved grassland.

Hygrocybe insipida (J.E. Lange) M.M. Moser
Spangle Waxcap
Noted in semi-improved grassland of the Pennine foothills and on the
dunes on the Sefton Coast.

Hygrocybe irrigata (Pers.) Bon
Slimy Waxcap
Noted in semi-improved grassland of the Pennine foothills and on the
dunes on the Sefton Coast.

Hygrocybe lacmus (Schumach.) P.D. Orton & Watling
Grey Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe laeta var. laeta (Pers.) P. Kumm.
Heath Waxcap
Reported from all kinds of grassland including parkland and lawns.

Hygrocybe marchii (Bres.) Singer
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe miniata (Fr.) P. Kumm.
Vermilion Waxcap
Common in semi-improved grassland and growing with bryophytes in
heathland.

Hygrocybe mucronella (Fr.) P. Karst.
Bitter Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe nitrata (Pers.) Wünsche
Nitrous Waxcap
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe pratensis var. pratensis (Pers.) Murrill
Meadow Waxcap
Very common in the semi-improved grassland of the Pennine foothills.

Hygrocybe psittacina var. perplexa (A.H. Sm. & Hesler)
Boertm.
Noted in semi-improved grassland of the Pennine foothills.

Hygrocybe psittacina var. psittacina (Schaeff.) P. Kumm.
Parrot Waxcap
Common in all kinds of grassland including parkland and lawns.

Hygrocybe quieta (Kühner) Singer
Oily Waxcap
Noted in semi-improved grassland of the Pennine foothills.

- Hygrocybe reidii*** Kühner
Honey Waxcap
Noted in semi-improved grassland of the Pennine foothills.
- Hygrocybe virginea var. ochraceopallida*** (P.D. Orton)
Boertm.
Noted in semi-improved grassland of the Pennine foothills.
- Hygrocybe virginea var. virginea*** (Wulfen) P.D. Orton & Watling
Snowy Waxcap
Reported from all kinds of grassland including parkland and lawns.
- Hygrocybe vitellina*** (Fr.) P. Karst.
Noted in semi-improved grassland of the Pennine foothills and also growing with bryophytes.
- Hygrophoropsis aurantiaca*** (Wulfen) Maire
False Chanterelle
Common, mainly in conifer needle litter but also found in semi-improved grassland.
- Hygrophorus hypothejus*** (Fr.) Fr.
Herald of Winter
Noted in conifer needle litter.
- Hypholoma elongatum*** (Pers.) Ricken
Sphagnum Brownie
Reported from damp and boggy places often with *Sphagnum* moss.
- Hypholoma fasciculare var. fasciculare*** (Huds.) P. Kumm.
Sulphur Tuft
One of the commonest fungi found in both broadleaved and conifer woodland.
- Hypholoma lateritium*** (Schaeff.) P. Kumm.
Brick Tuft
Noted on rotten wood and on a bonfire site.
- Hypholoma marginatum*** (Pers.) J. Schröt.
Snakeskin Brownie
Recorded with *Pinus* in needle litter and on fallen twigs.
- Hypholoma myosotis*** (Fr.) M. Lange
Olive Brownie
In semi-improved damp grassland.
- Hypholoma polytrichi*** (Fr.) Ricken
Found on rotten wood.
- Inocybe agardhii*** (N. Lund) P.D. Orton
Noted in *Salix repens* leaf litter.
- **Inocybe arenicola*** (R. Heim) Bon
Sand Fibrecap
With *Salix repens* in the Ainsdale dune scrub.
- Inocybe assimilata*** Britzelm.
Found in leaf litter in broadleaved woodland.
- Inocybe asterospora*** Quél.
Star Fibrecap
Associated with *Acer pseudoplatanus* and *Quercus*.
- Inocybe bongardii var. bongardii*** (Weinm.) Quél.
Fruity Fibrecap
Found in *Betula* leaf litter.
- Inocybe cookei*** Bres.
Straw Fibrecap
Frequently noted in *Pinus* needle litter on the dunes and also with various broadleaved trees inland.
- Inocybe curvipes*** P. Karst.
Noted in grassy soil and with *Quercus*.
- Inocybe dulcamara*** P. Kumm.
Frequently noted in *Pinus* needle litter on the dunes and also with various broadleaved trees inland.
- Inocybe dunensis*** P.D. Orton
Noted in the dunes in both *Pinus* and *Salix repens* leaf litter.
- Inocybe flavella*** P. Karst.
Noted in leaf litter.
- Inocybe flocculosa*** Sacc.
Fleecy Fibrecap
Recorded in both broadleaved and conifer leaf litter.
- Inocybe fraudans*** (Britzelm.) Sacc.
Pear Fibrecap
Reported with *Pinus*.
- Inocybe fuscidula var. fuscidula*** Velen.
Noted in *Pinus* needle litter.
- Inocybe geophylla var. geophylla*** (Fr.) P. Kumm.
White Fibrecap
Widespread with various broadleaved and occasional conifer trees.
- Inocybe geophylla var. lilacina*** (Peck) Gillet
Lilac Fibrecap
Found growing with *Populus x canescens*.
- Inocybe hirtella var. hirtella*** Bres.
Noted with *Fagus sylvatica*.
- Inocybe hystrix*** (Fr.) P. Karst.
Scaly Fibrecap
Noted in *Betula* leaf litter.
- Inocybe impexa*** (Lasch) Kuyper
Found in dune grassland with *Salix repens*.
- Inocybe lacera var. lacera*** (Fr.) P. Kumm.
Torn Fibrecap
Noted at Ainsdale in both *Pinus* and *Salix repens* leaf litter.
- Inocybe lanuginosa*** (Bull.) P. Kumm.
Woolly Fibrecap
Found on the dunes with *Salix repens*.
- Inocybe maculata*** Boud.
Frosty Fibrecap
Noted with *Fagus sylvatica*.
- Inocybe napipes*** J.E. Lange
Bulbous Fibrecap
Common in the leaf litter of a number of broadleaved trees including *Acer pseudoplatanus*, *Betula*, *Fagus sylvatica*, *Quercus* and on dead stems of *Rubus fruticosus*
- **Inocybe oblectabilis*** (Britzelm.) Sacc.
Reported in *Fagus sylvatica* leaf litter.
- Inocybe petiginosa*** (Fr.) Gillet
Scurfy Fibrecap
Reported in *Fagus sylvatica* leaf litter.
- Inocybe phaeodisca var. phaeodisca*** Kühner
Found in *Pinus* needle litter.
- Inocybe phaeoleuca*** Kühner
(= *Inocybe splendens var. phaeoleuca* (Kühner) Kuyper)
Noted with *Fagus sylvatica*.
- Inocybe posterula*** (Britzelm.) Sacc.
Noted in *Pinus* woodland.

Inocybe praetervisa Quéf.
Found with *Malus* in an orchard.

Inocybe proximella P. Karst.
Found in leaf litter of broadleaved trees.

****Inocybe pyriodora*** (Pers.) P. Kumm.
Noted in *Pinus*/*Betula* woodland at Mere Sands Wood, Rufford.

Inocybe rimosa (Bull.) P. Kumm.
Split Fibrecap
Found with *Salix repens* on fixed dunes.

Inocybe serotina Peck
With *Pinus* in sandy soil and by woodland paths at Ainsdale.

Inocybe sindonia (Fr.) P. Karst.
Frequently reported from the leaf litter in the *Pinus* woods on the Sefton Coast.

****Inocybe squarrosa*** Rea
Noted in *Salix repens* leaf litter and broadleaved woodland.

Inocybe subcarpta Kühner & Boursier
Habitat not recorded.

Inocybe whitei (Berk. & Broome) Sacc.
Blushing Fibrecap
Reported in grassland.

Kuehneromyces mutabilis (Schaeff.) Singer & A.H. Sm.
Sheathed Woodtuft
Common on rotting stumps of broadleaved trees.

Laccaria amethystina Cooke
Amethyst Deceiver
Very common in broadleaved woodland, particularly with *Fagus sylvatica*,

Laccaria bicolor (Maire) P.D. Orton
Bicoloured Deceiver
Habitat not recorded.

Laccaria fraterna (Sacc.) Pegler
Found in soil beside a pond.

Laccaria laccata (Scop.) Cooke
Deceiver
Very common in both broadleaved and conifer woodlands with wide variety of trees.

Laccaria proxima (Boud.) Pat.
Scurfy Deceiver
Frequent in broadleaved woodland.

****Laccaria pumila*** Fayod
Noted at Ainsdale on the sand dunes with *Salix repens*.

Lachnella alboviolascens (Alb. & Schwein.) Fr.
Noted on dead broadleaved stems including *Fraxinus excelsior*.

Lachnella villosa (Pers.) Donk
Reported on dead *Urtica dioica* stems.

Lacrymaria lacrymabunda (Bull.) Pat.
Weeping Widow
Recorded in broadleaved woodland.

Lactarius aspideus (Fr.) Fr.
Noted with *Betula*.

Lactarius aurantiacus (Pers.) Gray
Orange Milkcap
Found in *Pinus* leaf litter.

Lactarius blennius (Fr.) Fr.
Beech Milkcap
Frequently found in leaf litter of *Fagus sylvatica*.

Lactarius camphoratus (Bull.) Fr.
Curry Milkcap
Recorded in *Fagus sylvatica* and *Quercus* leaf litter.

Lactarius controversus Pers.
Mainly found on the coastal dunes with *Salix repens*.

Lactarius decipiens Quéf.
Noted with *Populus*.

Lactarius deliciosus (L.) Gray
Saffron Milkcap
Mainly found in *Pinus* needle litter.

Lactarius deterrimus Gröger
False Saffron Milkcap
Habitat not recorded.

Lactarius fluens Boud.
Found with *Fagus sylvatica*.

Lactarius glyciosmus (Fr.) Fr.
Coconut Milkcap
Common, found in *Betula* leaf litter.

Lactarius helvus (Fr.) Fr.
Fenugreek Milkcap
Reported in *Pinus* needle litter.

Lactarius hepaticus Plowr.
Liver Milkcap
Recorded at Ainsdale in *Pinus* needle litter and *Betula* leaf litter.

Lactarius lacunarum Hora
Noted in damp soil.

Lactarius pallidus Pers.
Pale Milkcap
Found with *Fagus sylvatica*.

Lactarius piperatus (L.) Pers.
Peppery Milkcap
Found in *Betula* leaf litter.

Lactarius pubescens (Fr.) Fr.
Bearded Milkcap
Frequent, usually associated with *Betula*.

Lactarius pyrogalus (Bull.) Fr.
Fiery Milkcap
Found on the dunes with *Salix repens*.

Lactarius quietus (Fr.) Fr.
Oakbug Milkcap
Very common with *Quercus*.

Lactarius rufus (Scop.) Fr.
Rufous Milkcap
Mostly in conifer needle litter.

Lactarius subdulcis (Pers.) Gray
Mild Milkcap
Very common, most records are with *Fagus sylvatica*.

Lactarius tabidus Fr.
Birch Milkcap
Very common, mostly reported with *Betula* but also recorded with *Fagus sylvatica*, *Corylus avellana*, *Pinus* and *Quercus*.

Lactarius torminosus (Schaeff.) Pers.

Woolly Milkcap
Noted with *Salix* and *Betula*.

Lactarius turpis (Weinm.) Fr.

Ugly Milkcap
Common, generally associated with *Betula* and *Quercus*.

Lactarius uvidus (Fr.) Fr.

One record with *Salix*.

Lactarius vellereus (Fr.) Fr.

Fleecy Milkcap
Recorded with *Fagus sylvatica*.

Lactarius vietus (Fr.) Fr.

Grey Milkcap
Habitat not recorded.

Leccinum aurantiacum (Bull.) Gray

Reported with *Populus tremula*.

Leccinum duriusculum (Kalchbr.) Singer

Slate Bolete
Reported with *Populus tremula*.

Leccinum fuscoalbum (Sowerby) Lannoy & Estadès

Found with *Betula* on the fixed dunes at Ainsdale.

Leccinum holopus (Rostk.) Watling

Ghost Bolete
Noted with *Betula*.

Leccinum scabrum (Bull.) Gray

Brown Birch Bolete
Very common with *Betula*. One report of it in *Pinus* leaf litter at Ainsdale.

Leccinum schistophilum Bon

(= *Leccinum palustre* M. Korhonen)
Noted in Mossy soil with *Polytrichum*.

Leccinum variicolor Watling

Mottled Bolete
Usually reported with *Betula*, but also with *Rhododendron*.

Leccinum versipelle (Fr. & Hök) Snell

Orange Birch Bolete
Common in association with *Betula*.

Lepiota boudieri Bres.

Girdled Dapperling
Reported in *Betula* leaf litter.

Lepiota castanea Quéf.

Chestnut Dapperling
Found in *Acer pseudoplatanus* litter.

Lepiota cristata (Bolton) P. Kumm.

Stinking Dapperling
Common, recorded with a number of broadleaved trees including *Betula*, *Populus x canadensis*, *Quercus* and *Rubus*.

Lepiota erminea (Fr.) P. Kumm.

Reported with the *Pinus* on the dunes at Ainsdale.

Lepiota felina (Pers.) P. Karst.

Noted in scrub.

Lepiota grangei (Eyre) Kühner

Green Dapperling
Habitat not recorded.

Lepista flaccida (Sowerby) Pat.

Tawny Funnel

Recorded with *Betula*, *Pinus* and *Quercus*.

Lepista irina (Fr.) H.E. Bigelow

Flowery Blewit
Reported in *Pinus* needle litter.

Lepista luscina (Fr.) Singer

Found on the sandy dunes on the Sefton Coast.

Lepista nuda (Fr.) Cooke

Wood Blewit
Generally associated with *Quercus* and *Betula* but also found in *Pinus* needle litter and in grass under hedges.

Lepista saeva (Fr.) P.D. Orton

Field Blewit
Found with *Betula*.

Lepista sordida (Fr.) Singer

Reported in *Larix* litter.

Leratiomyces percevalii (Berk. & Broome) Bridge & Spooner

(= *Stropharia percevalii* (Berk. & Broome) Sacc.)
Noted in *Myrtus* woodchip.

Leratiomyces squamosus var. squamosus (Pers.) Bridge & Spooner

Associated with *Tilia*.

Leucoagaricus melanotrichus var. melanotrichus

(Malençon & Bertault) Trimbach
Reported in conifer needle litter.

Leucocoprinus birnbaumii (Corda) Singer

Plantpot Dapperling
With *Yucca* in the Palm House in Sefton Park, Liverpool.

Leucocoprinus brebissonii (Godey) Locq.

Skullcap Dapperling
Recorded in *Ptilidium aquilinum* litter.

***Leucocoprinus cepistipes** (Sowerby) Pat.

Noted in a *Cordylina* plant pot at Liverpool.

Leucocoprinus ianthinus (Sacc.) P. Mohr

Noted in house plant compost.

Leucocoprinus straminellus (Bagl.) Narducci & Caroti

Recorded in the Palm House in Sefton Park, Liverpool.

Leucopaxillus giganteus (Sibth.) Singer

Giant Funnel
Noted with an *Acer pseudoplatanus*.

Lichenomphalia umbellifera (L.) Redhead, Lutzoni, Moncalvo & Vilgalys

Omphalina pyxidata (Bull. ex Pers.) Quéf.
Cinnamon Navel
Reported growing in moss on the sand dunes.

Lyophyllum connatum (Schumach.) Singer

White Domecap
Recorded in *Fagus sylvatica* and *Quercus* leaf litter.

Lyophyllum decastes (Fr.) Singer

Clustered Domecap
Frequent with a number of broadleaved trees.

Lyophyllum gangraenosum (Fr.) Gulden

Smoky Domecap
Associated with *Betula*.

Macrocystidia cucumis (Pers.) Joss.

Cucumber Cap
Found with *Quercus*.

Macrolepiota procera* var. *procera (Scop.) Singer

Parasol
Noted in grassland.

Marasmiellus ramealis (Bull.) Singer

Twig Parachute
Frequent, mainly on dead *Rubus* stems.

Marasmiellus vaillantii (Pers.) Singer

Goblet Parachute
Reported on dead grass stems and fallen broadleaved twigs.

Marasmius curreyi Berk. & Broome

Reported on dead herbaceous stems.

Marasmius epiphyllus (Pers.) Fr.

Leaf Parachute
Noted on dead grass stems.

Marasmius oreades (Bolton) Fr.

Fairy Ring Champignon
Common in grassland and on lawns forming fairy rings.

Marasmius rotula (Scop.) Fr.

Collared Parachute
Reported on fallen broadleaved twigs and dead *Rubus* stems.

Marasmius setosus (Sowerby) Noordel.

Noted in *Fagus sylvatica* leaf litter and on a *Quercus* leaf petiole.

Megacollybia platyphylla (Pers.) Kotl. & Pouzar

Whitelaced Shank
Frequent with *Fagus sylvatica* and *Quercus*.

Melanoleuca brevipes (Bull.) Pat.

Noted in *Quercus* leaf litter.

Melanoleuca cognata* var. *cognata (Fr.) Konrad & Maubl.

Spring Cavalier
Reported with *Pinus* needle litter and *Salix repens* on sandy soil.

Melanoleuca excissa* var. *excissa (Fr.) Singer

Smoky Cavalier
Reported in sandy grassland and in leaf litter.

Melanoleuca grammopodia (Bull.) Pat.

Reported with *Fagus sylvatica*.

****Melanoleuca humilis*** (Pers.) Pat.

In litter of broadleaved trees at Old Hall Clough, near Bolton. First British record.

Melanoleuca melaleuca (Pers.) Murrill

Frequently noted in *Betula/Fagus* leaf litter and in wood chippings.

Melanoleuca polioleuca (Fr.) Kühner & Maire

Common Cavalier
Frequently recorded in leaf litter of both broadleaved and conifer trees.

****Melanoleuca schumacheri*** (Fr.) Singer

Clouded Cavalier
Noted in grass on the fixed dunes at Ainsdale.

Melanophyllum haematospermum (Bull.) Kreisel

Redspored Dapperling
Habitat not recorded.

Melanotus horizontalis (Bull.) P.D. Orton

Wood Oysterling
Frequently recorded on fallen broadleaved branches, dead herbaceous stems and on an old bird box.

Melanotus phillipsii (Berk. & Broome) Singer

Noted on dead grass stems.

Merismodes anomala (Pers.) Singer

Noted on fallen rotten wood of *Corylus avellana*, *Fagus sylvatica* and *Salix*.

Mycena abramsii (Murrill) Murrill

Recorded in *Betula* leaf litter and on dead herbaceous stems.

Mycena acicula (Schaeff.) P. Kumm.

Orange Bonnet
Common on fallen twigs and branches of broadleaved trees and dead herbaceous stems.

Mycena adonis* var. *adonis (Bull.) Gray

Scarlet Bonnet
Noted in semi-improved grassland in the Pennines.

Mycena adscendens (Lasch) Maas Geest.

Frosty Bonnet
Reported on fallen twigs of various broadleaved trees and on *Fagus sylvatica* cupules.

Mycena aetites (Fr.) Quéf.

Drab Bonnet
Noted in leaf litter and grassland.

Mycena amicta (Fr.) Quéf.

On rotten conifer twigs, branches and stumps.

Mycena arcangeliana Bres.

Angel's Bonnet
Very common, particularly on rotting stumps of broadleaved trees.

****Mycena atropapillata*** Kühner and Maire

Noted in the semi-improved grassland near Littleborough.

Mycena bulbosa (Cejp) Kühner

Frequent at base of dead *Juncus effusus* stems.

Mycena capillaripes Peck

Pinkedge Bonnet
Noted in *Pinus* needle litter.

Mycena capillaris (Schumach.) P. Kumm.

Beechleaf Bonnet
Found in *Fagus sylvatica* leaf litter.

Mycena cinerella (P. Karst.) P. Karst.

Mealy Bonnet
Found in *Fagus sylvatica* leaf litter.

Mycena citrinomarginata Gillet

Reported from the grassy fixed dunes of the Sefton Coast.

Mycena clavularis (Batsch) Sacc.

Noted on herbaceous litter.

****Mycena concolor*** (J.E. Lange) Kühner

In mossy grass in the semi-improved grassland near Littleborough.

Mycena epipterygia (Scop.) Gray

Yellowleg Bonnet
Frequent in mossy grassland and lawns.

Mycena epipterygioides A. Pearson

On wood habitat not recorded.

Mycena erubescens Höhn.

Noted on a rotten *Fagus sylvatica* stump.

Mycena filopes (Bull.) P. Kumm.

Iodine Bonnet
Common on fallen twigs of broadleaved trees.

Mycena flavescens Velen.

Recorded in *Pinus* needle litter.

Mycena flavoalba (Fr.) Quél.

Ivory Bonnet
Noted in grass and grass in woodland.

Mycena galericulata (Scop.) Gray

Common Bonnet
Very common particularly on rotting stumps of broadleaved trees.

Mycena galopus var. candida J.E. Lange

White Milking Bonnet
On fallen broadleaved twigs including *Quercus*.

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

Milking Bonnet
Very common on twigs and in litter of broadleaved and conifer trees.

Mycena galopus var. nigra Rea

Black Milking Bonnet
Very common on twigs and in litter of broadleaved and conifer trees.

Mycena haematopus (Pers.) P. Kumm.

Burgundydrop Bonnet
Found on a fallen *Fagus sylvatica* tree.

Mycena hiemalis (Osbeck) Quél.

Noted on *Acer pseudoplatanus*, *Castanea sativa*, and *Fagus sylvatica*.

Mycena inclinata (Fr.) Quél.

Clustered Bonnet
On fallen trunks and branches of various broadleaved trees, particularly *Fagus sylvatica* and *Quercus*.

Mycena leptcephala (Pers.) Gillet

Nitrous Bonnet
Found in both broadleaved and conifer leaf litter.

Mycena maculata P. Karst.

Noted on both broadleaved and conifer trees.

Mycena megalopora Kauffman

Noted in grassland.

Mycena metata (Fr.) P. Kumm.

Noted on fallen twigs of a number of broadleaved and conifer trees as well as dead *Rubus* stems.

Mycena mucor (Batsch) Gillet

Habitat not recorded.

Mycena olida Bres.

Rancid Bonnet
Noted on mossy wood.

Mycena olivaceomarginata (Masse) Masee

Browndge Bonnet
Found in grass in dune scrub.

Mycena pearsoniana Singer

Noted on herbaceous material.

Mycena polygramma (Bull.) Gray

Grooved Bonnet
Noted on fallen *Quercus* twigs.

Mycena pterigena (Fr.) P. Kumm.

Found on dead stems of *Pteridium aquilinum*.

Mycena pura (Pers.) P. Kumm.

Lilac Bonnet
Common, associated with most broadleaved trees and also found in grassland.

Mycena rorida (Fr.) Quél.

Dripping Bonnet
Frequent on dead *Rubus fruticosus* stems.

****Mycena rosea*** (Bull.) Gramberg

Rosy Bonnet
Reported in *Pinus* leaf litter.

****Mycena rosella*** (Fr.) P. Kumm.

Pink Bonnet
Reported in *Pinus* leaf litter at Duxbury Wood, near Chorley.

Mycena sanguinolenta (Alb. & Schwein.) P. Kumm.

Bleeding Bonnet
Reported in conifer leaf litter.

Mycena silvae-nigrae Maas Geest. & Schwöbel

Noted in woodland.

Mycena speirea (Fr.) Gillet

Bark Bonnet
On fallen twigs and branches of both broadleaved and conifer trees.

Mycena stipata Maas Geest. & Schwöbel

Noted on a fallen twig.

Mycena stylobates (Pers.) P. Kumm.

Bulbous Bonnet
On fallen twigs and branches of broadleaved trees and *Rubus*.

Mycena vitilis (Fr.) Quél.

Snapping Bonnet
Found on fallen twigs of broadleaved trees.

Mycena vulgaris (Pers.) P. Kumm.

Found in conifer leaf litter.

****Mycetinis scorodonius*** (Fr.) A.W. Wilson

(= *Marasmius scorodonius* (Fr.) Fr.)
Noted on leaves at Ainsdale.

Naucoria bohémica Velen.

Noted with *Betula*

Naucoria escharioides (Fr.) P. Kumm.

Ochre Aldercap
Common in *Alnus glutinosa* leaf litter.

****Naucoria scolecina*** (Fr.) Quél.

With *Alnus glutinosa* on damp ground in Knowsley Park.

Naucoria striatula P.D. Orton

Striate Aldercap
Noted in *Alnus glutinosa* leaf litter.

Naucoria subconspersa P.D. Orton

With *Alnus glutinosa* on damp ground.

Oudemansiella mucida (Schrad.) Höhn.

Porcelain Fungus
On standing live *Fagus sylvatica*, occasionally on fallen branches.

Panaeolina foenicicii (Pers.) Maire

Brown Mottlegill
Common in all types of grassland.

Panaeolus acuminatus (Schaeff.) Gillet

Dewdrop Mottlegill
Common in all types of grassland.

Panaeolus cinctulus (Bolton) Sacc.

Banded Mottlegill
Noted with *Pinus* and *Quercus*.

Panaeolus fimicola (Pers.) Gillet

Turf Mottlegill
Common in spring in the dune grasslands of the Sefton Coast.

Panaeolus olivaceus F.H. Møller

Noted in the fixed dune grassland of the Sefton Coast.

Panaeolus papilionaceus* var. *papilionaceus (Bull.) Quél.

(= *Panaeolus sphinctrinus* (Fr.) Quél.)

Petticoat Mottlegill

Reported on a number of substrates including grassland, *Betula* leaf litter, *Diatrype stigma* fruitbody and bovine and *Equus caballus* dung.

Panaeolus semiovatus* var. *semiovatus (Sowerby) S. Lundell

Egghead Mottlegill

Noted on dung in grassland.

Panellus mitis (Pers.) Singer

Elastic Oysterling

Recorded on broadleaved trees and *Larix*.

Panellus stipticus (Bull.) P. Karst.

Bitter Oysterling

Noted on a rotten *Fagus sylvatica* trunk.

Parasola auricoma (Pat.) Redhead, Vilgalys & Hoppel

(= *Coprinus auricomus* Pat.)

Recorded on woodchip.

Parasola conopilus (Fr.) Örstadius & E. Larss.,

(= *Psathyrella conopilus* (Fr.) A. Pearson & Dennis)

Conical Brittlestem

Found in grassland usually with scattered trees.

Parasola galericuliformis (Watling) Redhead, Vilgalys, & Hoppel

(= *Coprinus galericuliformis* Watling)

Noted in grassland.

Parasola plicatilis (Curtis) Redhead, Vilgalys & Hoppel

(= *Coprinus plicatilis* (Curtis) Fr.)

Pleated Inkcap Parasola

Common in all types of grassland and broadleaved woodland.

Paxillus involutus (Batsch) Fr.

Brown Rollrim

Very Common in broadleaved woodlands.

****Phaeolepiota aurea*** (Matt.) Maire ex Konrad & Maubl.

Golden Bootleg

Reported from Bolton, associated with *Acer pseudoplatanus*.

Phaeomarasmium erinaceus (Fr.) Kühner

Found on a standing living *Salix* tree.

Pholiota adiposa (Batsch) P. Kumm.

Noted on a *Fagus sylvatica* stump.

Pholiota alnicola* var. *alnicola (Fr.) Singer

Alder Scalycap

Reported on *Fagus sylvatica*, *Quercus* and *Salix*.

Pholiota conissans (Fr.) M.M. Moser

Noted in woodland.

Pholiota flammans (Batsch) P. Kumm.

Flaming Scalycap

Noted on a fallen conifer.

Pholiota gummosa (Lasch) Singer

Sticky Scalycap

Frequent on rotten broadleaved trees including *Acer pseudoplatanus*.

Pholiota highlandensis (Peck) Quadr.

Bonfire Scalycap

On the Sefton Coast. One report of it on a bonfire site. Usually in grassy woodland.

Pholiota squarrosa (Weigel) P. Kumm.

Shaggy Scalycap

Frequent, usually at base of living trees or on fallen trunks.

Pholiota tuberculosa (Schaeff.) P. Kumm.

Found on a rotten fallen branch.

Pleurotus cornucopiae (Paulet) Rolland

Branching Oyster

Recorded on rotten wood including *Salix*.

Pleurotus dryinus (Pers.) P. Kumm.

Veiled Oyster

Reported on dead standing *Acer pseudoplatanus* and *Fagus sylvatica*.

Pleurotus ostreatus (Jacq.) P. Kumm.

Oyster Mushroom

Common on fallen trunks and dead standing broadleaved trees.

Pleurotus pulmonarius (Fr.) Quél.

Pale Oyster

Noted on a fallen, rotten *Fagus sylvatica* trunk.

Pluteus cervinus (Schaeff.) P. Kumm.

Deer Shield

Very common on rotten wood in broadleaved and conifer woods.

****Pluteus chrysophaeus*** (Schaeff.) Quél.

Yellow Shield

Noted on rotten wood of *Fagus sylvatica* in Duxbury Wood, Chorley.

Pluteus cinereofuscus J.E. Lange

On rotten broadleaved wood.

Pluteus plautus (Weinm.) Gillet

Satin Shield

Reported on rotten wood.

Pluteus romellii (Britzelm.) Sacc.

Goldleaf Shield

Reported on rotten wood.

Pluteus salicinus (Pers.) P. Kumm.

Willow Shield

Despite its name this was only reported in association with *Fagus sylvatica*, *Populus* and *Quercus*.

Pluteus umbrosus (Pers.) P. Kumm.

Velvet Shield

Reported on rotten broadleaved wood.

Porphyrellus porphyrosporus (Fr. & Hök) E.-J. Gilbert

Dusky Bolete

Associated with *Fagus sylvatica*.

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

Dune Brittlestem

Noted in dune grassland with *Ammophila arenaria*.

Psathyrella artemisiae* var. *artemisiae (Pass.) Konrad &

Maubl.

Petticoat Brittlestem

Records show associations with a number of broadleaved trees.

Psathyrella candolleana (Fr.) Maire

Pale Brittlestem

Very common on rotten wood which may be buried.

Psathyrella corrugis (Pers.) Konrad & Maubl.

Red Edge Brittlestem

Noted in grassland.

****Psathyrella fusca*** (Schumach.) A. Pearson

Recorded in the grassland at Cuerdon Valley Park, near Chorley.

Psathyrella longicauda P. Karst.

Reported in chippings of broadleaved trees.

Psathyrella microrhiza (Lasch) Konrad & Maubl.
Rootlet Brittlestem
Frequent with *Betula* and in grassland.

Psathyrella multipedata (Peck) A.H. Sm.
Clustered Brittlestem
Recorded in grass in broadleaved woodland and in woodchip.

Psathyrella obtusata var. obtusata (Pers.) A.H. Sm.
Noted in grassland at Knowsley Park.

Psathyrella pennata (Fr.) Konrad & Maubl.
Habitat not recorded.

Psathyrella piluliformis (Bull.) P.D. Orton
Common Stump Brittlestem
Common on rotten stumps of broadleaved trees.

Psathyrella prona (Fr.) Gillet
Records from pathside, woodchip and in grass on sandy soil.

Psathyrella pseudogracilis (Romagn.) M.M. Moser
Amongst several records is one of *Betula* leaf litter.

Psathyrella spadicea (Schaeff.) Singer
Chestnut Brittlestem
Noted growing with *Castanea sativa*.

Psathyrella spadiceogrisea (Schaeff.) G. Bertrand
Spring Brittlestem
Frequent on rotten wood of various broadleaved trees.

****Psathyrella tephrophylla*** (Romagn.) Bon
Noted with conifers in parkland at Liverpool.

Pseudoboletus parasiticus (Bull.) Šutara
Parasitic Bolete
Always found on old fruitbodies of *Scleroderma citrina*. Frequent in the Pennine foothills.

Pseudoclitocybe cyathiformis (Bull.) Singer
The Goblet
Recorded in *Betula* leaf litter.

Psilocybe coprophila (Bull.) P. Kumm.
Recorded on dung of both *Bos taurus* and *Ovis aries*, usually in semi-improved grassland.

Psilocybe crobula (Fr.) Singer
Noted on dead stem of *Ptilidium aquilinum*.

Psilocybe cyanescens Wakef.
Blueleg Brownie
Found in both *Pinus* leaf litter and woodchippings.

Psilocybe fimetaria (P.D. Orton) Watling
Recorded on *Bos taurus* dung.

Psilocybe inquilina (Fr.) Bres.
Found in mossy grass.

Psilocybe montana (Pers.) P. Kumm.
Mountain Brownie
Reported in dune grassland on the Sefton Coast.

Psilocybe semilanceata (Fr.) P. Kumm.
Magic Mushroom / Liberty Cap
Common in unimproved and semi-improved grasslands.

Psilocybe subcoprophila (Britzelm.) Sacc.
In semi-improved grasslands.

Psilocybe subviscida var. velata Noordel. & Verduin
Reported on dung of *Oryctolagus cuniculus*.

Resinomycena saccharifera (Berk. & Broome) Redhead
Frequently found on dead stems of *Juncus effusus*.

Resupinatus applicatus (Batsch) Gray
Smoked Oysterling
Reported on dead branches of *Acer pseudoplatanus* and *Fagus sylvatica*.

Resupinatus poriaeformis (Pers.) Thorn, Moncalvo, & Redhead
(= *Stigmatolemma poriiforme* (Pers.) W. B. Cooke)
Recorded on rotten wood of a broadleaved tree.

Resupinatus trichotis (Pers.) Singer
Recorded on fallen branch of broadleaved tree.

Rhodocollybia butyracea (Bull.) Lennox
(= *Collybia butyracea* (Bull.) P. Kumm.)
Buttercap
Commonly found with a variety of broadleaved and conifer trees.

Rhodocollybia maculata (Alb. & Schwein.) Singer
(= *Collybia maculata* (Alb. & Schwein.) P. Kumm.)
Spotted Toughshank
Noted in both broadleaved and conifer woodland as well as with *Peridium aquilinum*.

Rhodocollybia prolixa var. distorta (Fr.) Antonín, Halling & Noordel.
(= *Collybia distorta* (Fr.) Qué1.)
Noted in conifer needle litter.

Rhodocybe popinalis (Fr.) Singer
Noted in grass in a clear-felled woodland.

Rickenella fibula (Bull.) Raithehl.
Orange Moss-cap
Very common in semi-improved grasslands and in bryophytes.

Rickenella swartzii (Fr.) Kuyper
Collared Moss-cap
Found in grassland and growing with mosses such as *Kindbergia praelonga*.

Rubinoletus rubinus (W.G. Sm.) Pilát & Dermek
Reported from Duxbury Wood, Chorley growing with *Quercus*.

Rugosomyces carneus (Bull.) Donk
(= *Calocybe carnea* (Bull.) Donk)
Pink Domecap
Reported from grassy dunes and grassy heath.

Rugosomyces ionides (Bull.) Bon
(= *Calocybe ionides* (Bull.) Donk)
Violet Domecap
Known from *Betula* leaf litter.

Russula aeruginea Fr.
Green Brittlegill
Noted with *Betula*.

Russula amoenolens Romagn.
Recorded with *Fagus sylvatica*.

Russula anthracina Romagn.
Found with *Quercus*.

Russula aquosa Leclair
Red Swamp Brittlegill
Recorded with *Betula*.

Russula atropurpurea (Krombh.) Britzelm.
Purple Brittlegill
Very common, usually associated with *Fagus sylvatica* and *Quercus*.

Russula betularum Hora
Birch Brittlegill
Common in mossy birch woods.

Russula brunneoviolacea Crawshay
Habitat not recorded.

Russula caerulea (Pers.) Fr.
Humpback Brittlegill
Reported with *Pinus* at Ainsdale.

****Russula cessans*** A. Pearson
Reported with *Pinus nigra* on the Ainsdale dunes.

Russula claroflava Grove
Yellow Swamp Brittlegill
Usually found with *Betula* in damp and boggy ground.

Russula clavipes Velen.
Noted growing with *Betula*.

****Russula consorbrina*** (Fr.) Fr.
Found growing in *Pinus* leaf litter at Ainsdale.

Russula cuprea Krombh.
Noted growing with *Pinus* at Ainsdale.

Russula cyanoxantha (Schaeff.) Fr.
Charcoal Burner
Common growing with a number of broadleaved trees.

Russula delica Fr.
Milk White Brittlegill
Noted growing with conifers.

Russula densifolia Gillet
Crowded Brittlegill
Found with *Fagus sylvatica*.

Russula emetica (Schaeff.) Pers.
Sickener
Found in *Pinus* leaf litter at Ainsdale.

Russula exalbicans (Pers.) Melzer & Zvára
Reported with *Salix* and *Betula*.

Russula farinipes Romell
Recorded in broadleaved woodland.

Russula fellea (Fr.) Fr.
Geranium Brittlegill
Very common, almost always with *Fagus sylvatica*.

****Russula firmula*** Jul. Schäff.
Noted with *Pinus* at Ainsdale dunes.

Russula foetens Pers.
Stinking Brittlegill
Recorded with *Fagus sylvatica*.

Russula fragilis* var. *fragilis (Pers.) Fr.
Fragile Brittlegill
Common, usually found with *Betula* but also noted with *Quercus*.

Russula gracillima Jul. Schäff.
Slender Brittlegill
Recorded associated with *Pinus*, *Betula* and *Quercus*.

Russula graveolens Romell
Noted growing with *Quercus*.

Russula grisea (Pers.) Fr.
Recorded with a number of broadleaved trees.

Russula ionochlora Romagn.
Oilslick Brittlegill
Noted in association with *Fagus sylvatica*.

****Russula laccata*** Huijsman
At Ainsdale dunes, habitat not recorded.

****Russula lilacea*** Quéf.
Noted growing with *Betula* in Spring Wood, near Whalley.

Russula nigricans (Bull.) Fr.
Blackening Brittlegill
Common usually with *Fagus sylvatica* but also noted with *Betula* and *Quercus*.

Russula nitida (Pers.) Fr.
Purple Swamp Brittlegill
Noted growing with *Pinus* and *Betula*.

Russula nobilis Velen.
Beechwood Sickener
Common in Beechwoods.

Russula ochroleuca Pers.
Ochre Brittlegill
One of the most common *Russulas*, growing with most broadleaved and conifer trees.

Russula parazurea Jul. Schäff.
Powdery Brittlegill
Common in broadleaved woodlands usually associated with *Fagus sylvatica* and *Quercus*.

****Russula persicina*** Krombh.
Noted in the *Salix repens* dune scrub on the Sefton Coast.

Russula puellaris Fr.
Yellowing Brittlegill
Noted with *Betula* and *Pinus* leaf litter at Ainsdale.

Russula sanguinaria (Schumach.) Rauschert
Bloody Brittlegill
Recorded in the *Pinus* needle litter at Ainsdale.

Russula sardonica Fr.
Primrose Brittlegill
In the *Pinus* leaf litter at Ainsdale.

Russula silvestris (Singer) Reumaux
Reported with *Populus tremula*.

Russula sororia Fr.
Sepia Brittlegill
Reported with *Quercus* in the upland woods and with *Pinus* in the coastal dunes.

****Russula subrubens*** (J.E. Lange) Bon
Noted in the *Salix repens* dune scrub on the Sefton Coast.

Russula torulosa Bres.
Reported with *Pinus* at Ainsdale.

Russula velenovskyi Melzer & Zvára
Coral Brittlegill
Noted growing with *Betula*.

Russula versicolor Jul. Schäff.
Variable Brittlegill
Reported with *Pinus* and *Betula*.

Russula vesca Fr.
The Flirt
Frequent in *Quercus* woods but also noted with *Fagus sylvatica* and *Pinus*.

Russula violeipes Quéf.

Velvet Brittle Gill
Found with *Quercus*.

Russula virescens (Schaeff.) Fr.

Green-cracked Brittle Gill
Noted growing with *Betula*.

Russula xerampelina (Schaeff.) Fr.

Crab Brittle Gill
Common with *Pinus* at Ainsdale but reported with *Betula*, *Fagus*, *Quercus* and *Salix* elsewhere.

Sarcomyxa serotina (Pers.) P. Karst.,

(= *Panellus serotinus* (Pers.) Kühner)
Olive Oysterling
Noted on old stumps of *Pinus* and *Fagus sylvatica*.

Simocybe haustellaris (Fr.) Watling

Reported on a fallen *Fagus sylvatica* branch and on a rotten *Acer pseudoplatanus* stump.

Strobilurus stephanocystis (Hora) Singer

One report on buried cones in the Ainsdale *Pinus* woods.

Strobilurus tenacellus (Pers.) Singer

Pinecone Cap
Common in the Ainsdale *Pinus* woods on buried cones.

Stropharia aeruginosa (Curtis) Quéf.

Noted on wood chippings and leaf litter.

Stropharia aurantiaca (Cooke) M. Imai

Redlead Roundhead
Noted in Wood Mulch and leaf litter.

Stropharia caerulea Kreisel

Blue Roundhead
Frequent in the Pennine grasslands.

Stropharia coronilla (Bull.) Quéf.

Garland Roundhead
Found in garden soil.

Stropharia pseudocyanea (Desm.) Morgan

Peppery Roundhead
Reported in dune grassland and semi-improved grassland in the Pennines.

Stropharia semiglobata (Batsch) Quéf.

Dung Roundhead
Very common in grassland, generally associated with dung of *Ovis aries* or occasionally with *Bos taurus*.

Suillus bovinus (L.) Roussel

Bovine Boletus
In *Pinus* leaf litter on the Sefton Coast dunes.

****Suillus collinitus*** (Fr.) Kuntze

In *Pinus* leaf litter on the Sefton Coast dunes.

Suillus granulatus (L.) Roussel

Weeping Boletus
Noted with *Pinus* on the dunes and in *Betula* leaf litter.

Suillus grevillei (Klotzsch) Singer

Larch Boletus
Common, always found with *Larix* species.

Suillus luteus (L.) Roussel

Slippery Jack
Common in all types of woodland.

Suillus variegatus (Sw.) Richon & Roze

Velvet Boletus
Noted in *Pinus* leaf litter.

Tapinella panuoides (Fr.) Gilb.

Oyster Rollrim
Found on rotten *Pinus* stumps.

Tephroclybe atrata (Fr.) Donk

Noted in leaf litter.

Tephroclybe palustris (Peck) Donk

Sphagnum Greyling
Growing in *Sphagnum palustre* in a bog.

Tephroclybe rancida (Fr.) Donk

Rancid Greyling
Found in *Pinus* needle litter.

Thanatephorus cucumeris (A.B. Frank) Donk

Recorded growing with a *Cucumis* plant in an allotment greenhouse.

Tricholoma atosquamosum* var. *atosquamosum Sacc.

Found in *Pinus* needle litter.

****Tricholoma bresadolatum*** Ciémençon

In semi-improved grassland at Higher Naden Reservoir, Rochdale.

Tricholoma cingulatum (Almfelt) Jacobshch

Girdled Knight
Associated with *Salix*.

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

Birch Knight
Frequent, always associated with *Betula*.

Tricholoma gausapatum (Fr.) Quéf.

Found in grassland.

Tricholoma imbricatum (Fr.) P. Kumm.

Matt Knight
Found in leaf litter at Tandle Hill, Royton.

Tricholoma saponaceum* var. *saponaceum (Fr.) P. Kumm.

Soapy Knight
Recorded growing with *Fagus sylvatica*.

Tricholoma sciodes (Pers.) C. Martín

Recorded growing with *Fagus sylvatica*.

Tricholoma sulphureum* var. *sulphureum (Bull.) P. Kumm.

Sulphur Knight
Reported with *Quercus*.

Tricholoma terreum (Schaeff.) P. Kumm.

Grey Knight
Found in *Pinus* needle litter at Ainsdale.

Tricholoma ustale (Fr.) P. Kumm.

Burnt Knight
Frequent always associated with *Fagus sylvatica*.

Tricholoma ustaloides Romagn.

Noted in *Salix* leaf litter.

Tricholoma virgatum (Fr.) P. Kumm.

Ashen Knight
Found in *Pinus* needle litter at Ainsdale.

Tricholomopsis rutilans (Schaeff.) Singer

Plums and Custard
Very common, usually on rotten conifer wood or stumps.

Tubaria conspersa (Pers.) Fayod

Felted Twiglet
Reported in woodland.

Tubaria dispersa (Pers.) Singer
Reported in *Crataegus monogyna* leaf litter.

Tubaria furfuracea (Pers.) Gillet
Scurfy Twiglet
Common in winter under *Crataegus monogyna* hedges. Also recorded with other broadleaved trees.

Volvariella bombycina
On various living deciduous trees, noted particularly on *Populus* spp.

Volvariella gloiocephala (DC.) Boekhout & Enderle
Stubble Rosegill
Noted in Wood chippings.

Xerula radicata (Relhan) Dörfelt
Rooting Shank
On buried wood and fallen branches of broadleaved trees.

APHYLLOPHORALES

Abortiporus biennis (Bull.) Singer
(= *Heteroporus biennis* Lázaro Ibiza)
Blushing Rosette
Rare on rotten wood of dead deciduous trees.

Antrodia xantha (Fr.) Ryvarden
Found on rotten *Pinus* wood.

Athelia arachnoidea (Berk.) Jülich
Probably Parasitic on *Lecanora conaeziodes*, which has decreased rapidly during the survey period.

Athelia decipiens (Höhn. & Litsch.) J. Erikss.
Recorded on a decorticated *Salix* trunk at Moses Gate, Farnworth.

Athelia neuhoffii (Bres.) Donk
Rare on rotten deciduous tree trunks.

Auriscalpium vulgare Gray
Earpick Fungus
Occasional on buried or fallen *Pinus* cones.

Basidiodendron caesiocinereum (Höhn. & Litsch.) Luck-Allen
Noted on fallen *Pinus* branches.

Bjerkandera adusta (Willd.) P. Karst.
Smoky Bracket
Very Common on decaying broadleaved trees, particularly *Fagus* and *Salix*.

Bjerkandera fumosa (Pers.) P. Karst.
Big Smoky Bracket
On a rotten *Fagus sylvatica* trunk.

Botryobasidium conspersum J. Erikss.
(= *Haplotrichum conspersum* (Link) Hol.-Jech.)
On rotten broadleaved wood.

Botryobasidium danicum J. Erikss. & Hjortstam
Found on fallen branches of broadleaved trees.

Botryobasidium subcoronatum (Höhn. & Litsch.) Donk
Found on rotten *Fagus sylvatica* wood.

Botryobasidium vagum (Berk. & M.A. Curtis) D.P. Rogers
On decaying conifer wood.

Brevicellicium olivascens (Bres.) K.H. Larss. & Hjortstam
On rotten broadleaved wood.

Bulbillomyces farinosus (Bres.) Jülich
Found in grass in woodland.

Byssomerulius corium (Pers.) Parmasto
(= *Meruliopsis corium* (Pers.) Ginns)
Netted Crust
Common mainly on fallen *Salix* branches.

Cantharellus aurora (Batsch) Kuyper
Golden Chantarelle
Reported with Cypress on a lawn.

Cantharellus cibarius Fr.
Chanterelle
Noted in grassy soil.

Cantharellus friesii Quéf.
Orange Chantarelle
Reported from *Fagus sylvatica* woodland.

Cantharellus tubaeformis (Bull.) Fr.
Trumpet Chantarelle
Reported from *Fagus sylvatica* woodland.

Ceriporia excelsa (S. Lundell) Parmasto
On under surface of rotting broadleaved trees including *Fagus sylvatica*.

Ceriporia metamorphosa (Fuckel) Ryvarden & Gilb.
On a fallen burnt broadleaved tree.

Ceriporia viridans (Berk. & Broome) Donk
On rotting wood of broadleaved trees.

Ceriporiopsis gilvescens (Bres.) Domanski
Noted on fallen *Quercus* branches.

Cerrena unicolor (Bull.) Murrill
On rotten *Fagus sylvatica* stumps.

Chondrostereum purpureum (Pers.) Pouzar
Silver Leaf Fungus
Common on rotten wood of *Acer*, *Betula*, *Fagus* and *Salix*. The cause of Silver Leaf Disease.

Clavaria acuta Sowerby
Pointed Club
In semi-improved acid grassland.

Clavaria argillacea Pers.
Moor Club
On pathside in *Calluna* scrub.

Clavaria fragilis Holmsk.
(= *Clavaria vermicularis* Fr.)
White Spindles
In semi-improved acid grassland.

Clavaria fumosa Pers.
Smoky spindles
In semi-improved acid grassland.

Clavaria zollingeri Lév.
Violet Club
Occasional in semi-improved acid grassland.

Clavulina cinerea (Bull.) J. Schröt.
Grey Coral
Common, Noted in grassland and *Salix* leaf litter.

Clavulina coralloides (L.) J. Schröt.
(= *Clavulina cristata* (Holmsk.) J. Schröt.)
Crested Coral
Common in grassy broadleaved woodland and semi-improved grassland.

Clavulina rugosa (Bull.) J. Schröt.
Wrinkled Club
Recorded with *Fagus sylvatica* in soil.

Clavulinopsis corniculata (Fr.) Corner
Meadow Coral
Common in semi-improved acid grassland.

Clavulinopsis fusiformis (Sowerby) Corner
Golden Spindles
In semi-improved acid grassland.

Clavulinopsis helvola (Pers.) Corner
Yellow Club
Common in semi-improved acid grassland and dune scrub.

Clavulinopsis laeticolor (Berk. & M.A. Curtis) R.H. Peterson
Handsome Club
In semi-improved acid grassland.

Clavulinopsis luteoalba (Rea) Corner
Apricot Club
Occasional in semi-improved acid grassland.

Clavulinopsis umbrinella (Sacc.) Corner
Beige Coral
In semi-improved acid grassland of the Pennine foothills.

Coniophora arida (Fr.) P. Karst.
Reported on a plank in a garden.

Coniophora puteana (Schumach.) P. Karst.
Wet Rot
Common on a variety of broadleaved trees, mainly *Fagus sylvatica*.

Cylindrobasidium laeve (Pers.) Chamuris
(= *Cylindrobasidium evolvens* (Fr.) Jülich)
Common on fallen twigs of *Fagus* and *Betula*.

Daedalea quercina (L.) Pers.
Oak Mazegill
On rotten and dead *Quercus* wood and stumps.

Daedaleopsis confragosa (Bolton) J. Schröt.
Blushing Bracket
Very common, particularly on standing dead wood and fallen branches of *Salix*.

***Daedaleopsis tricolor** (Pers.) Bondartsev & Singer
Noted on a *Prunus* stump in Liverpool.

Datronia mollis (Sommerf.) Donk
Common Mazegill
Common on a variety of broadleaved logs and fallen branches.

Epithele typhae (Pers.) Pat.
On living grass stems.

Fistulina hepatica (Schaeff.) With.
Beefsteak Fungus
Usually near base of *Quercus* trunks.

Fomes fomentarius (L.) J. Kickx
Hoof Fungus / Tinder Bracket
Uncommon on fallen *Fagus sylvatica* trunks. Some noted at Tandle Hill, Royton, had continued growing at 90° to the original growth after the tree had been felled.

Fuscoporia contigua (Pers.) G. Cunn.
(= *Phellinus contiguus* (Pers.) Pat.)
On cut timber in a garden.

Fuscoporia ferrea (Pers.) G. Cunn.
(= *Phellinus ferreus* (Pers.) Bourdot & Galzin)
Cinnamon Porecrust
Common on various dead broadleaved trees.

Fuscoporia ferruginosa (Schrad.) Murrill
(= *Phellinus ferruginosus* (Schrad.) Bourdot & Galzin)

Rusty Porecrust
Noted on a fallen *Quercus* branch and a standing *Fagus sylvatica*.

Ganoderma applanatum (Pers.) Pat.
Artist's Bracket
There appears to be much confusion between *G. applanatum* and *G. australe* in records and descriptions in literature. They both appear to be very common and are both found on *Fagus sylvatica* trunks and stumps.

Ganoderma australe (Fr.) Pat.
(= *Ganoderma adspersum* (Schulzer) Donk)
Southern Bracket
Appears to be common on *Fagus sylvatica* trunks and stumps. Also recorded on *Sorbus aucuparia*.

Ganoderma pfeifferi Bres.
Beeswax Bracket
Found on a rotten broadleaved trunk.

Gloeocystidiellum porosum (Berk. & M.A. Curtis) Donk
On rotten wood of broadleaved trees.

Gloeophyllum sepiarium (Wulfen) P. Karst.
Conifer Mazegill
Noted on the back gate of a house in Bolton.

Gloiothete lactescens (Berk.) Hjortstam
(= *Megalocystidium lactescens* (Berk.) Jülich)
Found on a fallen *Fagus sylvatica* twig.

Grifola frondosa (Dicks.) Gray
Hen of the Woods
Usually at the base of *Quercus* trunks.

Hapalopilus nidulans (Fr.) P. Karst.
Cinnamon Bracket
Noted on *Betula* wood.

Hericium cirrhatum (Pers.) Nikol.
Tiered Tooth
One record at Smithills, Bolton on a fallen *Fagus sylvatica* trunk.

Heterobasidion annosum (Fr.) Bref.
Root Rot
Very common, mainly on conifers but also noted on *Betula*, *Crataegus* and *Fagus*.

Hydnum repandum L.
Wood Hedgehog
In *Fagus sylvatica* leaf litter. It was noted one year as a very large "fairy ring" at Tandle Hill, Royton but has not been seen since on that site.

Hymenochaete rubiginosa (Dicks.) Lév.
Oak Curtain Crust
On rotten *Quercus* stumps.

Hyphoderma setigerum (Fr.) Donk
On fallen branches of broadleaved trees, mainly on *Quercus*.

Hyphodontia alutacea (Fr.) J. Erikss.
(= *Grandinia alutaria* (Burt) Jülich)
Recorded on rotten conifer wood at Knowsley Park.

Hyphodontia aspera (Fr.) J. Erikss.
(= *Grandinia aspera* Fr.)
On rotten broadleaved wood.

Hyphodontia barba-jovis (Bull.) J. Erikss.
(= *Grandinia barba-jovis* (Bull.) Jülich)
Found on a fallen tree.

Hyphodontia breviseta (P. Karst.) J. Erikss.
(= *Grandinia breviseta* (P. Karst.) Jülich)
On a fence post.

Hyphodontia nespori (Bres.) J. Erikss. & Hjortstam
(= *Grandinia nespori* (Bres.) Cejp)
Noted on a fallen *Sambucus* branch and on rotten *Fagus sylvatica* wood.

Hyphodontia pallidula (Bres.) J. Erikss.
(= *Grandinia pallidula* (Bres.) Jülich)
On a rotten *Pinus radiata* log at Ainsdale.

Hyphodontia sambuci (Pers.) J. Erikss.
(= *Lyomyces sambuci* (Pers.) P. Karst.)
Elder Whitewash
Very common on attached and fallen dead branches, especially *Sambucus*.

Hypochnicium punctulatum (Cooke) J. Erikss.
On rotten wood.

Inonotus hispidus (Bull.) P. Karst.
Shaggy Bracket
On a fallen *Betula* branch.

Inonotus obliquus (Fr.) Pilát
Rare on *Betula*.

Ischnoderma benzoinum (Wahlenb.) P. Karst.
Benzoin Bracket
On a fallen conifer stump.

Laetiporus sulphureus (Bull.) Bondartsev & Singer
Chicken of the Woods
Common. Usually on living *Quercus* but also recorded on *Fagus sylvatica* and *Salix alba*.

Lentinellus cochleatus (Pers.) P. Karst.
Aniseed Cockleshell
On a rotten broadleaved stump.

Lenzites betulinus (L.) Fr.
Birch Mazegill
Found on an old *Fagus sylvatica* stump. Not reported on *Betula*.

****Leptosporomyces septentrionalis*** (J. Erikss.) Krieglst.
Found on a fallen trunk of *Picea sitchensis* at Roddlesworth Wood, near Darwin.

Mensularia radiata (Sowerby) Lázaro Ibiza
(= *Inonotus radiatus* (Sowerby) P. Karst.)
Alder Bracket
On a standing living *Alnus glutinosa* tree.

Macrotyphula fistulosa (Holmsk.) R.H. Petersen
Pipe Club
Frequent in leaf litter under a variety of broadleaved trees.

Macrotyphula fistulosa var. contorta (Holmsk.) Nannf. & L. Holm
Occasionally reported on *Alnus glutinosa* and *Fagus sylvatica* twigs.

Macrotyphula juncea (Fr.) Berthier
Slender Club
On dead *Juncus effusus* stem and amongst broadleaved leaf litter.

****Megalocystidium luridum*** (Bres.) Jülich
Reported on dead attached and rotten fallen branches of broadleaved trees in the Bolton area.

Meripilus giganteus (Pers.) P. Karst.
Giant Polypore
On a number of broadleaved trees including *Quercus* and *Fagus sylvatica*.

Oxyporus populinus (Schumach.) Donk
Poplar Bracket
On a dead standing *Quercus* tree.

Panus conchatus (Bull.) Fr.
Lilac Oysterling
Found on a felled *Fagus sylvatica* trunk.

Peniophora cinerea (Pers.) Cooke
Common on fallen branches of *Fagus sylvatica* and other broadleaved trees.

Peniophora incarnata (Pers.) P. Karst.
Rosy Crust
Common on fallen branches and stumps of various broadleaved trees. Reports include *Cornus sanguinea* and *Cytisus*.

Peniophora lycii (Pers.) Höhn. & Litsch.
Common on branches of numerous broadleaved trees.

Peniophora polygonia (Pers.) Bourdot & Galzin
Recorded on a fallen branch.

Peniophora quercina (Pers.) Cooke
Common on attached, fallen and dead *Quercus* branches.

Phaeolus schweinitzii (Fr.) Pat.
Dyer's Mazegill
Found on decaying conifer stumps.

****Phanerochaete laevis*** (Pers.) J. Erikss. & Ryvarden
On rotten broadleaved wood in Borsdane Wood, near Wigan.

****Phanerochaete leprosa*** (Bourdot & Galzin) Jülich
Recorded on a fallen rotten broadleaved branch near Horwich.

Phanerochaete sanguinea (Fr.) Pouzar
Reported on rotten *Pinus* wood.

Phanerochaete sordida (P. Karst.) J. Erikss. & Ryvarden
Common on fallen trunks and branches of various broadleaved trees including *Acer pseudoplananus* and *Fagus sylvatica*.

Phanerochaete velutina (DC.) Fr.
On rotten broadleaved wood.

****Phellinus contiguus*** (Pers.) Pat.
Noted on construction timber in Liverpool.

Phellinus igniarius (L.) Quél.
Willow Bracket
Found on a standing tree.

Phlebia lilascens (Bourdot) J. Erikss. & Hjortstam
Noted on decaying *Alnus glutinosa* wood.

Phlebia radiata Fr.
Wrinkled Crust
Very common, usually on *Fagus sylvatica* logs and fallen trunks.

Phlebia rufa (Pers.) M.P. Christ.
Found on a fallen tree.

Phlebia tremellosa (Schrad.) Burds. & Nakasone
Jelly Rot
Common on *Fagus sylvatica* and occasionally on other trees.

Phlebiella sulphurea (Pers.) Ginns & M.N.L. Lefebvre
Yellow Cobweb
Recorded on *Pinus* wood.

Phlebiella tulasnelloidea (Höhn. & Litsch.) Ginns & M.N.L. Lefebvre
(= *Xenasmatella tulasnelloidea* (Höhn. & Litsch.) Oberw. ex Jülich)
Noted on a fallen branch.

Phlebiopsis gigantea (Fr.) Jülich
Recorded on a rotten *Pinus* stump.

Physisporinus sanguinolentus (Alb. & Schwein.) Pilát

Bleeding Porecrust
Common on *Fagus sylvatica*.

Physisporinus vitreus (Pers.) P. Karst.

Found on rotten *Acer pseudoplatanus* stump and on other broadleaved trees.

Piptoporus betulinus (Bull.) P. Karst.

Birch Polypore / Razorstrop Fungus
Very common on Standing and fallen *Betula*.

****Polyporus arcularius*** (Batsch) Fr.

Found on a rotten *Betula* trunk at Ainsdale.

Polyporus brumalis (Pers.) Fr.

Winter Polypore
Common in winter on various Broadleaved and conifer trees.

Polyporus durus (Timmern.) Kreisel

(= *Polyporus badius* (Pers.) Schwein.)
Bay Polypore
Reported on fallen branches of broadleaved trees.

Polyporus leptcephalus (Jacq.) Fr.

(= *Polyporus varius* (Pers.) Fr.)
Blackfoot Polypore
Common on rotten branches and trunks of broadleaved trees including *Fagus sylvatica* and *Salix*.

Polyporus squamosus (Huds.) Fr.

Dryad's Saddle
Common in spring and summer on living broadleaved trees and stumps.

Polyporus tuberaster (Jacq.) Fr.

Tuberous Polypore
On a fallen *Fagus sylvatica* branch.

Postia caesia (Schrad.) P. Karst.

Conifer Blueing Bracket
On rotten conifer wood.

Postia fragilis (Fr.) Jülich

On rotten broadleaved wood.

Postia stiptica (Pers.) Jülich

Bitter Bracket
On rotten conifer wood.

Postia subcaesia (A. David) Jülich

Blueing Bracket
Common on various fallen broadleaved branches and trunks.

Postia tephroleuca (Fr.) Jülich

Greyling Bracket
On a fallen broadleaved tree.

Pseudocraterellus undulatus (Pers.) Rauschert

(= *Pseudocraterellus sinuosus* (Fr.) D.A. Reid)
Sinuous Chanterelle
Found on bare soil in woodland.

Pterula gracilis (Desm. & Berk.) Corner

Attached to a dead *Typha* leaf.

Radulomyces confluens (Fr.) M.P. Christ.

(= *Cerocorticium confluens* (Fr.) Jülich & Stalpers)
On fallen *Fagus sylvatica* branches.

Radulomyces molaris (Chaillat ex Fr.) M.P. Christ.

(= *Cerocorticium molare* (Chaillat ex Fr.) Jülich & Stalpers)
Noted on a fallen *Quercus* branch.

Ramaria abietina (Pers.) Quéf.

In grassy dune scrub at Ainsdale.

Resinicium bicolor (Alb. & Schwein.) Parmasto

Found on rotten conifer stumps.

Schizophyllum commune Fr.

Splitgill
Noted on *Fagus sylvatica* stumps. This species became more conspicuous in the mid-nineties but had all but disappeared by the end of the recording period.

Schizopora paradoxa (Schrad.) Donk

Split Porecrust
Very common, noted on numerous broadleaved trees.

Scopuloides hydnoides (Cooke & Masee) Hjortstam & Ryvarden

Noted on a fallen branch.

Scopuloides rimosa (Cooke) Jülich

Found on various logs including *Acer pseudoplatanus*, *Betula* and a conifer.

Skeletocutis amorpha (Fr.) Kotl. & Pouzar

On a felled conifer trunk.

****Skeletocutis carneogrisea*** A. David

On a fallen conifer branch at Ainsdale.

Skeletocutis nivea (Jungh.) Jean Keller

Hazel Bracket
On a fallen branch of a Broadleaved tree.

Skeletocutis vulgaris (lenis) (Fr.) Niemelä & Y.C. Dai

Noted on rotten wood.

Sparassis crispa (Wulfen) Fr.

Wood Cauliflower
The only record is from the base of a *Pinus sylvestris* in Duxbury Wood at Chorley.

Stereum gausapatum (Fr.) Fr.

Bleeding Oak Crust
Common on dead attached *Quercus* branches.

Stereum hirsutum (Willd.) Gray

Hairy Curtain Crust
Very common on fallen branches and stumps of numerous broadleaved trees.

****Stereum rameale*** (Pers.) Birt

Noted mainly on *Quercus* twigs in the Lancashire woodlands.

Stereum rugosum (Pers.) Fr.

Bleeding Broadleaf Crust
Common on trunks and fallen branches of broadleaved trees, notably *Betula*, *Fagus* and *Salix*, as well as *Rhododendron*.

Stereum sanguinolentum (Alb. & Schwein.) Fr.

Bleeding Conifer Crust
Occasional on rotten conifer wood.

Subulicystidium longisporum (Pat.) Parmasto

On sodden wood in its *Aegerita toruosa* state. Also recorded on fallen Broadleaved branches including *Fraxinus excelsior*.

Thelephora anthocephala (Bull.) Fr.

Found on bare soil in woodland.

Thelephora palmata (Scop.) Fr.

Stinking Earthfan
On soil in *Pinus* woodland.

Thelephora penicillata Fr.

In *Fagus sylvatica* leaf litter.

Thelephora terrestris Ehrh.
Earthfan
Common amongst conifer and *Fagus sylvatica* leaf litter.

Tomentella bryophila (Pers.) M.J. Larsen
On a dead *Pinus* branch.

****Tomentella coerulea*** (Bres.) Höhn. & Litsch.
Found on a fallen *Betula* branch on the former Westwood Power Station site at Wigan and Cuerdon Valley Park, near Chorley.

****Tomentella lapidum*** (Pers.) Stalpers
Rare on attached bark of Broadleaved trees. Noted at Rixton Clay Pits, near Warrington.

Tomentella sublilacina (Ellis & Holw.) Wakef.
On rotten branches of Broadleaved trees.

Trametes gibbosa (Pers.) Fr.
Lumpy Bracket
Very common on stumps and fallen trunks of *Fagus sylvatica*, only occasionally found on other trees.

Trametes hirsuta (Wulfen) Pilát
Hairy Bracket
On a rotten branch of a Broadleaved tree.

Trametes pubescens (Schumach.) Pilát
Noted on a fallen broadleaved tree.

Trametes versicolor (L.) Pilát
Turkeytail
One of the commonest bracket fungi, found on all kinds of decaying broadleaved trees.

Trechispora farinacea (Pers.) Liberta
Found on a rotten branch of a Broadleaved tree.

Trechispora fastidiosa (Pers.) Liberta
Noted in Broadleaved woodland.

Trechispora mollusca (Pers.) Liberta
Reported on a *Pinus* log.

Trichaptum abietinum (Pers.) Ryvarden
(= *Hirschioporus abietinus* (Pers.) Donk)
Purplepore Bracket
Common on *Larix*, *Picea* and *Pinus* logs.

Tubulicrinis accedens (Bourdot & Galzin) Donk
Noted on rotten *Pinus* logs at Ainsdale.

Tubulicrinis subulatus (Bourdot & Galzin) Donk
Found on decayed broadleaved wood species not stated.

Typhula erythropus (Pers.) Fr.
Redleg Club
On veins and petioles of previous years fallen leaves. Recorded on *Rubus* and *Alnus*.

Typhula quisquiliaris (Fr.) Corner
Bracken Club
Found occasionally on dead *Ptilidium aquilinum* stems.

Typhula setipes (Grev.) Berthier
On fallen leaves of broadleaved trees. Reported on *Alnus glutinosa*.

Typhula uncialis (Grev.) Berthier
Recorded on herbaceous litter.

Vuilleminia comedens (Nees) Maire
Waxy Crust
Common, usually on dead and rotten *Quercus* both fallen and standing.

Xenasma priunosum (Pat.) Donk
On Rotten wood of broadleaved trees.

GASTEROMYCETES

Bovista nigrescens Pers.
Brown Puffball
Semi-improved grassland and grassy dunes.

Bovista plumbea Pers.
Grey Puffball
Semi-improved grassland and the coastal dunes.

Calvatia gigantea (Batsch) Lloyd
(= *Langermannia gigantea* (Batsch) Rostk.)
Giant Puffball
In all types of grassland and old *Urtica dioica* beds.

Crucibulum laeve (Huds.) Kambly
Common Bird's Nest
Noted in the dune slack grassland on the Sefton Coast.

Cyathus olla (Batsch) Pers.
Field Bird's Nest
Found in grassy scrub and on *Pinus* sticks.

Cyathus striatus (Huds.) Pers.
Fluted Bird's Nest
Noted with *Crataegus monogyna* in grassland.

Geastrum fimbriatum Fr.
Including *Geastrum sessile* (Sowerby) Pouzar
Sessile Earthstar
In *Pinus* litter in sandy soil on Sefton Coast.

Geastrum triplex Jungh.
Collared Earthstar
In *Pinus* litter in sandy soil on Sefton Coast.

Lycoperdon excipuliforme (Scop.) Pers.
Handkea excipuliformis (Scop.) Kreisel
Pestle puffball
In grass in broadleaved woodland. Particularly with *Betula* and *Quercus*.

Lycoperdon lividum Pers.
Grassland Puffball
Found in grassland on fixed dunes.

Lycoperdon molle Pers.
Soft Puffball
In grass in broadleaved woodland.

Lycoperdon nigrescens Pers.
(*Lycoperdon foetidum* Bonord.)
Dusky Puffball
In semi-improved grassland in the Pennines.

Lycoperdon perlatum Pers.
Common Puffball
Very common in semi-improved grassland and both broadleaved and conifer woods.

Lycoperdon pratense Pers.
(*Vascellum pratense* (Pers.) Kreisel)
Noted in Heathland.

Lycoperdon pyriforme Schaeff.
Stump Puffball
Found on rotten stumps of both broadleaved and conifer trees, sometimes growing on underground roots.

Lycoperdon umbrinum Pers.
Found in *Quercus* leaf litter.

Lycoperdon utriforme Bull.
(= *Handkea utriformis* (Bull.) Kreisel)
Mosaic Puffball
In semi-improved grassland, dune grassland and under hedges.

Mutinus caninus (Huds.) Fr.
Dog Stinkhorn
Noted growing in grass with *Crataegus monogyna*.

Nidularia deformis (Willd.) Fr.
(= *Nidularia farcata* (Roth) Fr.)
Found on decayed broadleaved wood.

Phallus hadriani Vent.
Sand Stinkhorn
Found regularly at Ainsdale outer dunes with *Ammophila arenaria*.

Phallus impudicus* var. *impudicus L.
Stinkhorn
Very common in leaf litter of both broadleaved and conifer trees as well as with *Ptilidium aquilinum*.

Scleroderma areolatum Ehrenb.
Leopard Earthball
Usually associated with *Quercus* but also found with *Acer pseudoplatanus* and *Fagus sylvatica*.

Scleroderma bovista Fr.
Potato Earthball
Recorded in gardens and on roadsides, very small and probably overlooked.

Scleroderma citrinum Pers.
(= *Scleroderma aurantiacum* sensu auct.)
Common Earthball
Very common, generally associated with *Quercus* but found occasionally with other broadleaved trees.

Scleroderma verrucosum (Bull.) Pers.
Scaly Earthball
Common in leaf litter of a variety of broadleaved trees.

Sphaerobolus stellatus Tode
Shooting Star
On very decayed wood, often in *Fagus* mast.

Tulostoma brumale Pers.
Winter Stalkball
With *Salix repens* on sand dunes, usually in spring.

Tulostoma melanocyclum Bres.
Scaly Stalkball
Grassland, sand dunes and scrub, usually in autumn.

HETEROBASIDIOMYCETES

Auricularia auricula-judae (Bull.) Wettst.
Jelly Ear
Very common, especially on *Sambucus nigra* but also recorded on *Ulmus*, *Salix*, *Acer* and *Quercus*.

Auricularia mesenterica (Dicks.) Pers.
Tripe Fungus
Occasionally found on broadleaved trees, most Lancashire records are from *Quercus*.

Calocera cornea (Batsch) Fr.
Small Stagshorn
Common, recorded on a variety of broadleaved trees and one record for *Pinus*.

Calocera furcata (Fr.) Fr..
One record on a fallen conifer trunk.

****Calocera glossoides*** (Pers.) Fr.
One record at Park Bridge, Ashton-under-Lyne, on broadleaved wood.

Calocera pallidospathulata D.A. Reid
Pale Stagshorn
Very common on fallen decaying conifer trunks and branches but increasingly found on broadleaved trees. First recorded in Britain in 1969.

Calocera viscosa (Pers.) Fr.
Yellow Stagshorn
Fairly common in conifer woods, usually in decaying stumps.

Dacrymyces capitatus Schwein.
One record from a dead attached *Populus alba* twig.

Dacrymyces stillatus Nees
Common Jelly Spot
Very common on all kinds of decorticated wood, including cut wood. Almost invisible when dry.

Exidia glandulosa (Bull.) Fr.
Witches' Butter
Common on dead attached and fallen branches, particularly of *Quercus* but also noted on *Fagus* and *Salix*.

Exidia nucleata (Schwein.) Burt
Myxaarium nucleatum (Schwein.) Wallr.
Crystal Brain
Common on dead attached and fallen branches, generally *Acer* but also on *Salix* and *Tilia*.

Exidia recisa (Ditmar) Fr.
Recorded on a fallen *Betula* branch.

Exidia thuretiana (Lév.) Fr.
White Brain
A number of records on fallen branches of broadleaved trees.

Exidiopsis effusa (Bref. ex Sacc.) Möller
Found on cut broadleaved logs in a timber yard.

****Exidiopsis grisea*** (Pers.) Bourdot & Maire
On a fallen broadleaved trunk at Dean Wood, Rivington.

****Itersonia pastinacae*** Channon
Noted on the roots of *Pastinaca* on an allotment at Liverpool.

Sebacina epigaea (Berk. & Broome) Neuhoff
One record in *Fagus* leaf litter in Roddlesworth Woods.

Tremella foliacea Pers.
Leafy Brain
Recorded on rotten *Betula* stumps and fallen branches.

Tremella mesenterica Retz.
Yellow Brain
Probably parasitic on *Peniophora lycii*. Common on a variety of broadleaved trees, particularly *Salix*.

UREDIIOMYCETES

Coleosporium tussilaginis (Pers.) Lév.
Aecia stage has been found on *Pinus sylvestris* and the Uredinia and Telia stages are very common on *Tusilago farfara* and *Petasites hybridus* leaves.

Cumminsia mirabilissima (Peck) Nannf.
Reported on Mahonia aquifolium leaves but the stage is not recorded.

Kuehneola uredinis (Link) Arthur
Pale Bramble Rust
Uredinia stage is very common on the stems of *Rubus fruticosus* in late spring.

- Melampsora allii-populina** Kleb.
Aecia stage found on *Allium ursinum* in spring.
- Melampsora amygdalinae** Kleb.
Recorded on *Salix caprea* although literature suggests that it only found on *S. triandra* and hybrids. Stage not recorded.
- Melampsora caprearum** Thüm.
On *Salix caprea*, stage not recorded.
- Melampsora epitea** Thüm.
Uredinia and telia stages are very common on *Salix* spp. particularly *Salix caprea*.
- Melampsora euphorbiae** (C. Schub.) Castagne
Noted on *Euphorbia helioscopia* but stage not recorded.
- Melampsora hypericorum** G. Winter
Recorded on *Hypericum calycinum* in a garden.
- Melampsora laticis-populina** Kleb.
Uredinia and telia stages reported on *Salix* including *Salix nigra*.
- Melampsora lini** (Ehrenb.) Desm.
Reported on *Linum catharticum* but stage not recorded.
- Melampsora populnea** (Pers.) P. Karst.
Recorded on *Populus alba*, but stage not recorded.
- Melampsoridium betulinum** (Pers.) Kleb.
Birch Rust
Uredinia stage is probably found on underside of the leaves of most *Betula* trees in the vice-county outside built-up areas.
- Phragmidium mucronatum** (Pers.) Schldtl.
All stages are found on the leaves of *Rosa arvensis* and *Rosa canina*.
- Phragmidium rubi-idaei** (DC.) P. Karst.
Telia stage recorded on *Rubus caesius*.
- Phragmidium tuberculatum** J.B. Müll.
Found on a *Rosa* leaf, stage not recorded.
- Phragmidium violaceum** (Schultz) G. Winter
Violet Bramble Rust
Uredinia and Telia stages very common on underside of *Rubus fruticosus* agg.
- Puccinia allii** Rudolphi
Recorded on *Allium sativum* in a garden, stage not reported.
- Puccinia arenariae** (Schumach.) G. Winter
Uredinia stage very common on the underside of *Silene* leaves, particularly *Silene dioica*. These records probably also include telia stage records of *Puccinia behenisi*.
- Puccinia brachypodii var. arrhenatheri** (Kleb.) Cummins & H.C. Greene
Uredinia stage recorded on *Arrhenatherum elatius* and is probably on other grasses.
- Puccinia calthae** Link
Aecia stage found on *Caltha palustris*.
- Puccinia chaerophylli** Purton
Uredinia are quite conspicuous on the leaves of *Myrrhis odorata* in spring.
- Puccinia coronata** Corda
Recorded on *Elytrigia repens* and is probably common on other grasses as well.
- Puccinia distincta** McAlpine
The first record was at Speke Hall in 1999 and may have been the most northerly record at that time. This rust is now increasing.
- Puccinia epilobii** DC.
Telia stage reported on *Epilobium hirsutum*.
- Puccinia glechomatis** DC.
Telia stage frequently found on the under surface of *Glechoma hederacea* leaves.
- Puccinia glomerata** Grev.
Telia stage found on underside of *Senecio jacobaea* leaves in spring.
- Puccinia graminis** Pers.
Reported on *Ammophila arenaria*, *Holcus mollis* and *Holcus lanatus*. Stage not reported.
- Puccinia hordei** G.H. Otth
Reported on *Holcus lanatus*. Stage not recorded.
- Puccinia lagenophorae** Cooke
Aecia very common on *Senecio vulgaris*. First British record in 1966, native of Australia.
- Puccinia lapsanae** Fuckel
Aecia stage common on the underside of *Lapsana communis* leaves in spring, followed by telia stage in late summer.
- Puccinia malvacearum** Bertero ex Mont.
Telia stage noted on *Lavatera arborea*, also found on *Malva* spp. Originally from Chile and first recorded in Europe in 1969.
- Puccinia menthae** Pers.
Recorded on *Geum urbanum* (B. Ing) at Ainsdale.
- Puccinia obscura** J. Schröt.
Uredinia stage noted on leaves of *Luzula sylvatica*.
- Puccinia poarum** E. Nielsen
Aecia stage very common on *Tussilago farfara* leaves in summer and autumn.
- Puccinia polygoni-amphibii** Pers.
Reported on *Persicaria lapathifolia*, stage unknown.
- Puccinia pulverulenta** Grev.
The fine pale-yellow spot of the aecia stage are very common on *Epilobium hirsutum* in spring.
- Puccinia punctiformis** (F. Strauss) Röhl.
The sweet smelling uredinia are very common on the underside of *Cirsium arvense* leaves.
- Puccinia recondita** Desm.
Uredinia and Telia stages found on *Holcus mollis*. It can also form on many other *Poaceae* species.
- Puccinia sessilis** J. Schröt.
Aecia stage recorded on *Allium ursinum* and *Dactylorhiza* sp. at the flowering period.
- Puccinia striiformis var. striiformis** Westend.
Noted on *Elytrigia repens* leaf.
- Puccinia tumida** Grev.
Telia stage found on leaves and petioles of *Conopodium majus* in spring.
- Puccinia urticata** F. Kern
Nettle Clustercup Rust
Aecia stage very common in early summer on *Urtica dioica* causing distortions to the stems and leaves.
- Pucciniastrum epilobii** G.H. Otth
Uredinia stage on underside of *Epilobium hirsutum* leaves.
- Tranzschelia pruni-spinosae** (Pers.) Dietel
Telia stage noted on *Prunus* leaves.

Triphragmium ulmariae (DC.) Link
Uredinia Frequently found on leaves and mid-ribs of *Filipendula ulmaria* early in the summer.

Uromyces airae-flexuosae Ferd. & Winge
Uredinia stage common rust on leaves of *Descampsia flexuosa*.

Uromyces beticola (Belynyck) Boerema, Loer. & Hamers
Noted on leaves of *Beta vulgaris* subsp. *maritima*. Stage not recorded.

Uromyces dactylidis G.H. Oth
Celandine Clustercup Rust
Aecia stage common on *Ficaria verna* leaves soon after flowering.

Uromyces ficariae (Schumach.) Lév.
Bitter Chocolate Rust
Telia stage occasional of the leaves of *Ficaria verna* after flowering.

Uromyces muscari Lév.
Telia stage pale yellow spots on the underside of *Hyacinthoides non-scripta* leaves.

Uromyces valerianae Fuckel
Uredinia stage is found on the leaves of *Valeriana officinalis*.

USTILAGINOMYCETES

Bauhinus marginalis (DC.) Denchev
Common in the east of the county in spring, on the edge of *Persicaria bistorta* leaves.

Bauhinus tragopogonis-pratensis (Pers.) R.T. Moore
Noted in the florets of *Tragopogon pratensis*.

Doassansia sagittariae (Fuckel) J.C. Fisch.
Common on leaves of *Sagittaria sagittifolia* in most canals.

Entyloma calendulae (Oudem.) de Bary
Noted on *Calendula officinalis* leaf.

Entyloma ficariae Thüm. & A.A. Fisch. Waldh.
Common after flowering on the underside of the leaves of *Ficaria verna*.

Microbotryum violaceum (Pers.) G. Deml & Oberw.
(*Ustilago violacea* (Pers.) Roussel)
Campion Anther Smut
A very common purple smut on the anthers of *Silene* species, particularly on *S. dioica*.

Urocystis ranunculi (Lib.) Moesz
Blisters on leaves and petioles of *Ranunculus repens* and occasionally on *R. acris*.

Ustilago striiformis (Westend.) Niessl
Fairly common on leaves of *Holcus* and many other *Poaceae* species.

ANAMORPHIC FUNGI

Alternaria brassicicola (Schwein.) Wiltshire
Noted on a *Raphanus* leaf in a garden.

Alternaria solani (Ellis & G. Martin) L.R. Jones & Grout
Noted on a *Solanum melongena* leaf on an allotment.

Ascochyta chenopodii Rostr.
Found on a *Chenopodium album* leaf on an allotment.

Ascochyta impatiens Bres.
Reported on *Impatiens glandulifera* leaves.

Ascochyta sonchi Sandu & Mítitúc
Noted on a *Sonchus oleraceus* leaf on an allotment.

Aureobasidium pullulans (de Bary & Löwenthal) Arnaud
Habitat not recorded.

Bactridium flavum Kunze & J.C. Schmidt
Found on a fallen branch.

Boeremia hedericola (Durieu & Mont.) Aveskamp
(= *Phoma hedericola* (Durieu & Mont.) Boerema)
Recorded on an attached *Hedera helix* leaf.

Botrytis byssoidea J.C. Walker
Noted on an *Allium* in a garden store.

Botrytis cinerea Pers.
Found on a dead *Equisetum telmateia* stem.

Botrytis fabae Sardiña
On a *Vicia faba* leaf. The cause of "Chocolate Spot" disease.

Botrytis paeoniae Oudem.
Found in the flower bud of a *Paeonia*.

Calcarisporium arbuscula Preuss
Observed on *Rosellina aquila* and *R. mammiformis* fruitbodies.

Chromelosporium ochraceum Corda
Found in leaf litter.

Coleophoma cylindrospora (Desm.) Höhn.
Recorded on a dead fallen *Ilex aquifolium* leaf.

Colletotrichum coccodes (Wallr.) S. Hughes
Reported on a *Solanum* fruit in greenhouse.

Corynespora cassiicola (Berk. & M.A. Curtis) C.T. Wei
Found on an *Hydrangea* flower and leaf.

Costantinella micheneri (Berk. & M.A. Curtis) S. Hughes
Noted on rotten *Fagus sylvatica* wood.

Cristulariella depraedans (Cooke) Höhn.
Found on living *Acer pseudoplatanus* leaves.

Cryptocoryneum condensatum (Wallr.) E.W. Mason & S. Hughes
Noted on rotten wood.

Cylindrium aeruginosum (Link) Lindau
Reported on fallen *Quercus* Leaves.

Cylindrium elongatum Bonord.
Reported on fallen *Quercus* Leaves.

Dendryphion comosum Wallr.
Recorded on dead stems of *Urtica dioica* and *Heracleum sphondylium* and rotten *Acer pseudoplatanus* fruitbodies.

Golovinomyces cichoracearum var. cichoracearum (DC.) V.P. Heluta
Reported living leaves of *Centaurea nigra*, *Sochus arevensis* and *Vinca major*.

Golovinomyces cichoracearum var. fischeri (S. Blumer) U. Braun
Reported on a fallen branch of *Populus tremula*.

Golovinomyces cynoglossi (Wallr.) V.P. Heluta
Noted on a living *Myosotis* leaf.

Golovinomyces sordidus (L. Junell) V.P. Heluta
Recorded on a *Plantago major* leaf.

Gonatobotryum fuscum Sacc.
Noted on a fallen rotten tree.

Graphium calicioides (Fr.) Cooke & Masee
Found in woodland.

- Isaria farinosa*** (Holmsk.) Fr.
(= *Paecilomyces farinosus* (Holmsk.) A.H.S. Br. & G. Sm.)
Reported on buried insect pupae.
- Kabatia periclymeni*** (Desm.) M. Morelet
Recorded on a living *Lonicera* leaf.
- Monodictys levis*** (Wiltshire) S. Hughes
Noted on fallen *Salix* twigs.
- Monodictys putredinis*** (Wallr.) S. Hughes
Found on a fallen branch.
- Mycogone perniciosa*** (Magnus) Delacr.
On old fruitbody of *Boletus chrysenteron*.
- Mycogone rosea*** Link
On rotten *Agaricales* fruitbodies.
- Penicillium brevicompactum*** Dierckx
Reported on old fruitbodies of *Piptoporus betulinus*, *Scleroderma citrinum* and *Xylaria polymorpha*.
- Periconia cookei*** E.W. Mason & M.B. Ellis
Reported on dead stems of *Rumex acetosa* and *Urtica dioica*.
- Phoma samararum*** Desm.
Noted on samaras of *Fraxinus excelsior*.
- Phyllosticta camelliae*** Westend.
Noted in a garden on *Camellia* leaves.
- Phyllosticta impatientis*** L.A. Kirchn.) Fautrey
Reported on *Impatiens glandulifera* leaves.
- Quaternaria quaternata*** (Pers.) J. Schröt.
(= *Libertella faginea* Desm.)
Found on *Fagus sylvatica* wood.
- Ramularia bistortae*** Fuckel
Noted on living leaves of *Persicaria bistorta*.
- Ramularia cardamines*** Syd. & P. Syd.
Noted in spring on a living *Cardamine* leaf.
- Ramularia didyma*** (Harting) Wollenw.
Noted on a leaf of *Ranunculus repens*.
- Ramularia pratensis*** Sacc.
On living leaves of *Rumex acetosa*.
- Ramularia rhei*** Allesch.
Found on a *Rheum* leaf in a garden.
- Ramularia rubella*** (Bonord.) Nannf.
On living leaves of *Rumex acetosa* and *R. obtusifolius*.
- Rhodesia subsecta*** (Roberge ex Desm.) Grove
On dead stem of *Ammophila arenaria*.
- Sclerotium cepivorum*** Berk.
Noted on bulbs and plants of *Allium* on allotment.
- Septocyta ruborum*** (Lib.) Petr.
Found on stems of *Rubus idaeus* in garden.
- Septoria apiicola*** Speg.
Noted on an *Apium graveolans* leaf.
- Septoria clematidis*** Pandotra & K.S.M. Sastry
Noted on a *Clematis* in a garden.
- Septoria convolvuli*** Desm.
Reported on a *Calystegia sepium* leaf.
- Septoria hyperici*** Desm.
Found on a garden on a *Hypericum calycinum* leaf.
- Septoria lavandulae*** Desm.
Noted on a *Lavandula* leaf in a garden.
- Septoria urticae*** Roberge ex Desm.
Recorded on an *Urtica dioica* leaf.
- Sporidesmium pedunculatum*** (Peck) M.B. Ellis
Noted on cut logs.
- Stilbella byssiseda*** (Pers.) Seifert
Found on a *Trichia scabra* fruitbody.
- Strossmayeria basitricha*** (Sacc.) Dennis
(= *Pseudospiropes simplex* (Nees) M.B. Ellis)
Noted on a fallen trunk.
- Thyrostromella myriana*** (Desm.) Höhn.
On dead stem of *Ammophila arenaria*.
- Tilachlidium brachiatum*** (Batsch) Petch
(= *Isaria brachiata* (Batsch) Schumach.)
On a dead insect in leaf litter.
- Torula herbarum*** (Pers.) Link
recorded on a dead *Rubus* stem.
- Trichophyton erinacei*** (J.M.B. Sm. & Marples) A.A. Padhye & J.W. Carmich.
Occasionally found on *Erinaceus europaeus* spines.
- Trichothecium roseum*** (Pers.) Link
Found on a log.
- Trimmatostroma betulinum*** (Corda) S. Hughes
Recorded on a rotten fallen *Betula* branch.
- Verticillium exianum*** (Sacc.) Sacc.
Noted on *Nectria* fungal stoma.

ZYGOMYCETES

Entomophthora muscae (E. Cohn) G. Winter
A quite common fungus which kills insects. Recorded on the hover fly *Melanostoma scalare*.

Furia americana (Thaxt.) Humber
A fungus which kills insects. Noted in Roddlesworth Woods on the fly *Calliphora erythropala*.

Phycomyces nitens (C. Agardh) Kunze
Found on dung, host not identified.

Pilobolus crystalinus* var. *Crystalinus (F. H. Wigg) Tode
Noted on *Ovis aries* dung.

Spinellus fusiger (Link) Tiegh.
Bonnet Mould
Very common on living fruit bodies of *Mycena* species, frequently noted on *Mycena galopus*.

OOMYCETES G. Winter

Albugo candida (Pers.) O. Kuntze
Downy Mildew on leaves and stems of a number of Crucifers including *Capsella bursa-pastoris* and *Brassica oleracea* "Italica" in a garden.

Hyaloperonospora parasitica (Pers.) Constant.
(= *Peronospora parasitica* (Pers.) Fr.)
Downy Mildew noted in a garden on leaves of *Brassica oleracea*.

Peronospora arborescens (Berk.) de Bary
Downy Mildew found on the stems of *Papaver somniferum*.

Peronospora erodii Fuckel
Downy Mildew found on living leaves of *Erodium cicutarium*.

Peronospora radii de Bary
Downy Mildew noted on leaves of *Glebionis segetum*.

Peronospora ranunculi Gäum.
Downy Mildew on living leaves of *Anemone nemorosa*.

Peronospora symphyti Gäum.
Downy Mildew on living stems of *Symphytum officinale*.

Peronospora viciae (Berk.) Casp.
Downy Mildew found on leaves of *Lathyrus*.

Phytophthora cinnamomi Rands
Noted on a *Chamaecyparis lawsoniana*.

Phytophthora infestans (Mont.) de Bary
Potato Blight
Noted on leaves of *Solanum* on an allotment.

Plasmopara crustosa (Fr.) Jørst.
Downy Mildew on living leaves of *Anthriscus sylvestris* and myrrhis odorata.

Plasmoverna pygmaea (Unger) Constant.
(= *Plasmopara pygmaea* (Unger) J. Schröt.)
Downy Mildew on living leaves of *Anemone nemorosa* in spring.

ASCOMYCETES

Acrospermum compressum Tode ex Fr.
On dead stems of *Urtica dioica*.

Aleuria aurantia (Pers.: Fr.) Fuckel
Orange Peel Fungus
On bare soil and disturbed ground, frequently beside newly constructed forest roads.

Amarenomyces ammophilae (Lasch) O.E. Erikss.
On stems of *Ammophila arenaria*.

Annulohyphoxylon cohaerens (Pers.) Y.M. Ju, J.D. Rogers & H.M. Hsieh
(= *Hyphoxylon cohaerens* (Pers.) Fr.)
Found on old *Fagus sylvatica* stumps.

Annulohyphoxylon multiforme (Fr.) Y.M. Ju, J.D. Rogers & H.M. Hsieh
Birch Woodwart
Very common on the rotten wood and fallen branches of *Betula* spp.

Anthostomella tomicoides Sacc.
On dead stems of *Ammophila arenaria*.

Anthracobia macrocystis (Cooke) Boud.
On bonfire sites and burnt ground.

Anthrocbia maurilabra (Cooke) Boud.
On charred wood.

Ascobolus stercorarius (Bull.) J. Schröt.
Common on *Bos taurus* dung.

Ascocorticium anomalum (Ellis & Harkn.) Earle
On inner side of bark of fallen *Pinus*.

Ascocoryne cylichnium (Tul.) Korf
Reported on fallen trunks of broadleaved trees especially *Fagus sylvatica*.

Ascocoryne sarcooides (Jacqu.: Fr.) J.W. Groves & D.E. Wilson
Purple Jellydisc
Very common on decaying fallen trunks of broadleaved trees especially *Fagus sylvatica*.

Beauveria bassiana (Bals-Criv.) Vuill.
Noted growing on the body of a *Coleoptera* species.

Belonidium sulphureum (Pers.) Raitv.
Common on dead stems of *Urtica dioica*.

Bertia moriformis* var. *moriformis (Tode: Fr.) De Not.
Wood Mulberry
Looks like little mulberries. Recorded on *Fagus sylvatica*.

Biscogniauxia nummularia (Bull.: Fr.) Kuntze
Beech Tarcrust
On attached bark and fallen branches of *Fagus sylvatica*.

Bisporella citrina (Basch: Fr.) Korf & S.E. Carp.
Lemon Disco
Common on fallen branches and twigs of Broadleaved trees.

Bisporella sulfurina (Quél.) S.E. Carp.
Reported growing on *Cryptocoryneum condensatum*.

Blumeria graminis (DC.) Speer
(= *Erysiphe graminis* DC.)
Powdery Mildew recorded on *Poaceae* leaves.

Botryotinia calthae Hennebert & M.E. Elliott
On dead stems of *Caltha palustris*.

Botryotinia globosa N.F. Buchw.
On living leaf of *Allium ursinum*.

Brunnipila palearum (Desm.) Baral
Found of dead stem of *Ammophila arenaria*.

Bulgaria inquinans (Pers.) Fr.
Black Bulgar
On fallen trunks of *Quercus*.

Calloria neglecta (Lib.) B. Hein
Very Common on dead stems of *Urtica dioica*.

Calycina herbarum (Pers.) Gray
(= *Hymenoscyphus herbarum* (Pers.) Dennis)
Found on dead *Urtica dioica* stems.

Camaropella lutea (Alb. & Schwein.) Lar.N. Vassiljeva
(= *Camarops lutea* (Alb. & Schwein.) Shear)
Recorded on rotten *Alnus* wood.

Catinella olivacea (Batsch) Boud.
A brown or olive disc reported on fallen branches.

Chaetosphaerella phaeostroma (Durieu & Mont.) E. Müll. & C. Booth
Common, Recorded on *Acer pseudoplatanus*, *Betula* and *Salix*.

Cheilymenia fimicola (De Not. & Bagl.) Dennis
Found on *Bos taurus* and *Ovis aries* dung.

Cheilymenia granulata (Bull.) J. Moravec
(= *Coprobia granulata* (Bull.) Boud.)
Very common orange discs found on *Bos taurus* and *Ovis aries* dung.

Cheilymenia stercorea (Pers.) Boud.
Found on *Ovis aries* dung.

Chlorociboria aeruginascens (Nyl.) Kanouse ex C.S.
Ramamurthi, Korf & L.R. Batra
Green Elfcup
Blue-green staining on *Betula* and other rotten wood.

- Ciboria batschiana*** (Zopf) N.F. Buchw.
Common on fallen acorns.
- Ciboria caucus*** (Rebent.) Fuckel
Alder Goblet
On damp fallen *Alnus* catkins.
- Ciboria viridifusca*** (Fuckel) Höhn.
On fallen female *Alnus* catkins.
- Cistella acuum*** (Alb. & Schwein.) Svrcek
Noted in conifer leaf litter.
- Cistella fugiens*** (W. Phillips ex Buckn.) Matheis
On dead stems of *Juncus effusus*.
- Cistella geelmuydenii*** Nannf.
White discs on rotten *Pinus* wood.
- Claviceps purpurea var. purpurea*** (Fr.) Tul.
Ergot
Common on many grasses including *Molinia caerulea*, *Dactylis glomerata*, *Arrhenatherum elatius*, *Phalaris arundinacea*, *Holcus mollis*, *Pleum pratense* and *Poa* spp.
- Coccomyces coronatus*** (Schumach.) De Not.
Bleached patches on fallen dead leaves of *Quercus*.
- Colpoma quercinum*** (Pers.) Wallr.
Common, usually on the underside of attached dead *Quercus* branches.
- Cordyceps ditmarii*** Quéf.
Reported growing on a dead Diptera and Hymenoptera.
- Cordyceps militaris*** (L.) Link
Scarlet Caterpillar club
Common on Moth pupae, usually in semi-improved grassland.
- Crocicreas cyathoideum var. cyathoideum*** (Bull.) S.E. Carp.
Found on dead stems of many herbaceous plants including *Urtica dioica*, *Chamerion angustifolium* and *Rubus fruticosus*.
- Crocicreas cyathoideum var. pteridicola*** (P. Crouan & H. Crouan) S.E. Carp.
Found on dead *Ptilidium aquilinum* stems.
- Crocicreas dolosellum*** (P. Karst.) S.E. Carp.
Noted on petioles of fallen *Fraxinus excelsior* leaves.
- Cryptocoryneum condensatum*** (Wallr.) Mason & Hughes.
Noted on rotten wood.
- Cudoniella acicularis*** (Bull.) J. Schröt.
Oak Pin
Common on fallen branches and rotten stumps of *Quercus*.
- Cudoniella clavus var. clavus*** (Alb. & Schwein.) Dennis
Spring Pin
Normally in spring on rotten twigs and branches, usually in water or very wet conditions.
- Cudoniella clavus var. grandis*** (Boud.) Dennis
On rotten twigs and branches, usually in running water or very wet conditions.
- Cyclaneusma minus*** (Butin) DiCosmo, Peredo & Minter
Found in conifer needle litter.
- Daldinia concentrica*** (Bolton) Ces. & De Not.
King Alfred's Cakes / Cramp Balls
Common on fallen trunks on *Fraxinus excelsior*. Less frequently found on *Alnus*, *Betula* and *Sorbus aucuparia*..
- Davidiella macrospora*** (Kleb.) Crous & U. Braun
(= *Mycosphaerella macrospora* (Kleb.) Jørst.)
- Noted on a *Gladiolus* leaf in a garden.
- Diaporthe strumella*** (Fr.) Fuckel
On dead *Ribes* twigs.
- Diatrype bullata*** (Hoffm.) Fr.
Willow Barkspot
On fallen *Salix* twigs in spring.
- Diatrype disciformis*** (Hoffm.) Fr.
Beech Barkspot
Common on fallen *Fagus sylvatica* branches, also recorded on *Acer pseudoplatanus*.
- Diatrype stigma*** (Hoffm.) Fr.
Common Tarcrust
A blackish crust very common all the year on fallen branches of many broadleaved trees including *Fagus sylvatica*, *Corylus avellana*, *Fraxinus excelsior* and *Betula*.
- Diatrypella favacea*** (Fr.) Ces. & De Not.
Noted on *Betula* and *Salix* leaves living and dead.
- Diatrypella quercina*** (Pers.) Nitschke
Common on fallen *Quercus* twigs and branches.
- Diplocarpon rosae*** F.A. Wolf
Known as "Black Spot Disease" recorded on *Rosa* leaves in gardens.
- Elaphocordyceps ophioglossoides*** (Ehrh.) G.H. Sung, J.M. Sung & Spatafora
(= *Cordyceps ophioglossoides* (Ehrh.) Link)
Snaketongue Truffleclub
A greenish yellow then black club growing on underground false truffles (*Elaphomyces granuatus*).
- Elaphomyces granulatus*** Fr.
False Truffle
Growing underground, usually found by digging under *Elaphocordyceps ophioglossoides*.
- Elsinoë ampelina*** Shear
Found on leaf of *Parenocissus* in garden.
- Elsinoë venata*** (Burkh.) Jenkins
Noted on a *Rubus* stem in garden. Causes a disease known as "Cane Spot."
- Encoelia fascicularis*** (Alb. & Schwein.) P. Karst.
On a fallen *Populus* branch.
- Epichloë clarkii*** J.F. White
Noted on living *Holcus mollis* leaves.
- Erysiphe adunca var. adunca*** (Wallr.) Fr.
(= *Uncinula adunca var. adunca* (Wallr.) Lév.)
Salix repens leaf litter.
- Erysiphe alphitoides*** (Griffon & Maubl.) U. Braun & S. Takam.
(= *Microsphaera alphitoides* Griffon & Maubl.)
Very common powdery mildew on attached leaves of *Quercus*.
- Erysiphe aquilegiae var. aquilegia*** DC.
On living *Aquilegia* leaf in garden.
- Erysiphe aquilegiae var. ranunculi*** (Grev.) R.Y. Zheng & G.Q. Chen
Found on *Ranunculus repens* leaf.
- Erysiphe azaleae*** (U. Braun) U. Braun & S. Takam.
(= *Microsphaera azaleae* U. Braun)
Noted on living *Rhododendron* leaf.
- Erysiphe biocellata*** Ehrenb.
On leaves of *Prunella vulgaris* in dune scrub.

- Erysiphe buhrii*** U. Braun
On living leaf of *Silene dioica*.
- Erysiphe circaeae*** L. Junell
Common on living leaves of *Circaea lutetiana*.
- Erysiphe convolvuli*** DC.
On living leaf of *Calystegia sepium*.
- Erysiphe cruciferarum*** Opiz ex L. Junell
On *Brassica napus* leaf in garden.
- Erysiphe depressa*** (Wallr.) Schldtl.
On *Arctium minus* leaf, living.
- Erysiphe heraclei*** Schleich. ex DC.
Common on living leaves of *Heracleum sphondylium*.
- ****Erysiphe howeana*** U. Braun
Noted on living leaves of *Oenanthe* on Ainsdale dunes.
- Erysiphe lonicerae*** DC.
Noted on living leaves of *Lonicera*.
- Erysiphe pisi* var. *pisii*** DC.
On leaves of *Pisum*.
- Erysiphe polygoni*** DC.
On living leaves of *Polygonum aviculare*.
- Erysiphe trifolii* var. *trifolii*** Grev.
Frequently found on living leaves of *Trifolium* species.
- Erysiphe urticae*** (Wallr.) S. Blumer
On living laves of *Urtica dioica*.
- Eutypa maura*** (Fr.) Sacc.
(= *Eutypa acharii* Tul.)
Very common on fallen branches of *Acer pseudoplatanus* and *Fagus sylvatica*.
- Eutypa spinosa*** (Pers.) Tul. & C. Tul.
Spiral Tarcrust
Common on fallen trunks of *Fagus sylvatica* and one record on *Acer pseudoplatanus*.
- Eutypella scoparia*** (Schwein.) Ellis & Everh.
Noted on a rotten fallen *Crateagus monogyna* branch.
- Geoglossum cookeanum*** Nannf.
Recorded in semi-improved grassland and grassy dunes.
- Geoglossum fallax*** E.J. Durand
Found in semi-improved grassland.
- Geoglossum glutinosum*** Pers.
Recorded in semi-improved grassland.
- Geoglossum umbratile*** Sacc.
Plain Earthtongue
Recorded in sandy grassland.
- Geopora arenicola*** (Lév.) Kers.
Reported from sandy grassland at Ainsdale.
- Geopora arenosa*** (Fuckel) S. Ahmad
Reported from sandy grassland and fire site at Ainsdale.
- Geopyxis carbonaria*** (Alb. & Schwein.) Sacc.
Stalked Bonfire Cup
Found on burnt ground in woodland and grassland.
- Glomerella cingulata*** (Stoneman) Spauld. & H. Schrenk
On living attached leaves of *Rhododendron*.
- Glomerella graminicola*** Politis
On *Poa annua*.
- Gnomonia cerastis*** (Riess) Auersw.
On *Acer pseudoplatanus* petiole.
- Gyromitra esculenta*** (Pers.) Fr.
False Morel
Found in the *Pinus* plantation with sandy soil at Ainsdale.
- Helvella acetabulum*** (L.) Quél.
Vinegar Cup
Noted at Roddlesworth Woods associated with *Fagus sylvatica*.
- Helvella crispa*** (Scop.) Fr.
White Saddle
On the ground with *Betula* and *Mercurialis perennis* in broadleaved woodland.
- Helvella elastica*** Bull.
Elastic Saddle
Noted growing with *Ammophila arenaria* and *Rubus*.
- Helvella lacunosa*** Afzel.
Elfin Saddle
In grass in broadleaved woodland.
- Helvella macropus*** (Pers.) P. Karst.
Felt Saddle
On ground in broadleaved woodland, associated with *Salix*.
- Hyalopeziza millepunctata*** (Lib.) Raitv.
Reported on rotten wood, also on dead *Caltha palustris* and *Urtica dioica* stems.
- Hyaloscypha aureliella*** (Nyl.) Huhtinen
On fallen branches and stumps of *Pinus*.
- Hyaloscypha hyalina*** (Pers.) Boud.
On rotten fallen *Quercus* branches.
- Hyaloscypha leuconica* var. *leuconica*** (Cooke) Nannf.
Noted on a rotten *Betula* trunk and on a *Larix* cone.
- Hymenoscyphus albidus*** (Roberge ex Desm.) W. Phillips
Habitat not recorded.
- Hymenoscyphus albopunctus*** (Peck) Kuntze
Noted on *Betula* and *Fraxinus excelsior* petioles.
- Hymenoscyphus calyculus*** (Sowerby) W. Phillips
On a fallen dead twig of a broadleaved tree.
- Hymenoscyphus caudatus*** (P. Karst.) Dennis
On petioles of dead leaves including *Aesculus hippocastanum* and *Hedera helix*
- Hymenoscyphus fagineus*** (Pers.) Dennis
On fallen rotten *Fagus sylvatica* cupules.
- Hymenoscyphus fructigenus*** (Bull.) Fr.
Nut Disco
Frequent on fallen rotten *Fagus sylvatica* cupules.
- Hymenoscyphus imberbis*** (Bull.) Dennis
On fallen twigs of *Fagus sylvatica*.
- Hymenoscyphus laetus*** (Boud.) Dennis
On dead stem of *Rubus fruticosus*.
- ****Hymenoscyphus limonium*** (Cooke & Peck) Dennis
Recorded on herbaceous stems at Smithills near Bolton.
- Hymenoscyphus phyllophilus*** (Desm.) Kuntze
Noted on a rotten *Betula* leaf petiole.

- Hymenoscyphus pileatus*** (P. Karst.) Kuntze
Noted on dead stems of *Ptilidium aquilinum*, *Impatiens glandulifera*, and *Juncus*.
- Hymenoscyphus repandus*** (W. Phillips) Dennis
On dead herbaceous stems including *Caltha palustris*, *Filipendula ulmaria*, *Ptilidium aquilinum* and *Urtica dioica*.
- Hymenoscyphus salicellus*** (Fr.) Dennis
Found on a fallen *Salix repens* twig.
- Hymenoscyphus scutula*** (Pers.) W. Phillips
Noted on herbaceous stems including *Ptilidium aquilinum* and *Urtica dioica*.
- Hymenoscyphus vernus*** (Boud.) Dennis
On fallen *Salix* branches.
- Hymenoscyphus vitellinus*** (Rehm) Kuntze
Frequent on dead herbaceous stems including *Rubus fruticosus*, *Chamerion angustifolium*, and *Heracleum sphondylium*.
- Hypocrea gelatinosa*** (Tode) Fr.
(= *Creopus gelatinosus* (Tode) Link)
Noted on living *Fraxinus excelsior*.
- Hypocrea pulvinata*** Fuckel
Ochre Cushion
Grows on rotten fruitbodies of *Piptoporus betulinus*.
- Hypocrea rufa*** (Pers.) Fr.
Noted on an unidentified fallen broadleaved branch.
- Hypocrea schweinitzii*** (Fr.) Sacc.
Noted on an unidentified fallen broadleaved branch.
- Hypomyces aurantius*** (Pers.) Tul.
Recorded on old fruitbodies of *Trametes versicolor* and *Polyporus squamosus*.
- Hypomyces chrysospermus*** Tul. & C. Tul.
(= *Apiocrea chrysospermum* (Tul.) Sydow)
Bolete Mould
Common on very decayed fruitbodies of *Boletus* Spp. and *Paxillus involutus*.
- Hypomyces papulasporae*** Rogerson & Samuels
Growing on old fruiting body of *Geoglossum fallax* in semi-improved grassland.
- Hypomyces rosellus*** (Alb. & Schwein.) Tul. & C. Tul.
On rotten fruitbody of *Peniophora incarnata* and *Polyporus durus*.
- Hypoxylon fragiforme*** (Pers.) J. Kickx f.
Beech Woodwart
Very common on fallen trunks and branches of *Fagus sylvatica*.
- Hypoxylon fuscum*** (Pers.) Fr.
Hazel Woodwart
On fallen *Corylus avellana* branches.
- Hypoxylon howeanum*** Peck
Rare on fallen *Quercus* branches.
- Hypoxylon rubiginosum*** (Pers.) Fr.
Rusty Woodwart
On fallen logs including *Acer pseudoplatanus*.
- ****Karstenia lonicerae*** (Velen.) Sherwood
Noted on living wood of *Lonicera xylosteum* in a garden at Bolton.
- Kretzschmaria deusta*** (Hoffm.) P.M.D. Martin
(= *Ustulina deusta* (Hoffm.) Lind)
Brittle Cinder
Common of fallen branches and rotten stump of *Acer*, *Betula* and *Fagus*.
- Lachnella alboviolascens*** (Alb. & Schwein.) Fr.
On living branch of *Fraxinus excelsior*.
- Lachnella villosa*** (Pers.) Donk
On dead stems of *Urtica dioica*.
- Lachnellula occidentalis*** (G.G. Hahn & Ayers) Dharne
Larch Disco
Common on fallen *Larix* branches.
- Lachnellula subtilissima*** (Cooke) Dennis
On fallen *Pinus* branches.
- Lachnellula willkommii*** (Hartig) Dennis
Common on fallen *Larix* twigs.
- Lachnum apalum*** (Berk. & Broome) Nannf.
Rush Disco
Very common at base of *Juncus effusus* stems.
- Lachnum carneolum var. longisporum*** (Dennis) Spooner ined.
On dead stem of *Holcus mollis*.
- Lachnum diminutum*** (Roberge ex Desm.) Rehm
Found on dead stems of *Juncus effusus*.
- Lachnum niveum*** (R. Hedw.) P. Karst.
On rotten wood and stumps of *Quercus*.
- Lachnum nudipes var. minor*** Dennis
On dead stems of *Chamerion angustifolium*.
- Lachnum tenuissimum*** (Quél.) Korf & W.Y. Zhuang
Recorded on cupules of *Fagus sylvatica* and rotten broadleaved wood.
- Lachnum virgineum*** (Batsch) P. Karst.
Snowy Disco
Very common on *Fagus sylvatica* cupules, also recorded on *Alnus*, *Pinus*, *Quercus* and *Urtica dioica*.
- Lanzia luteovirescens*** (Roberge ex Desm.) Dumont & Korf
(= *Rutstroemia luteovirescens* (Roberge ex Desm.) W.L. White)
On petioles of old fallen leaves of *Acer pseudoplatanus*.
- Lasiobelonium mollissimum*** (Lasch) Spooner ined.
Recorded on stems of herbaceous plants including *Heracleum sphondylium*.
- Lasiosphaeria hirsuta*** (Fr.) Ces. & De Not.
Common on fallen broadleaved branches.
- Lasiosphaeria ovina*** (Pers.) Ces. & De Not.
On rotten wood of *Fagus sylvatica*, *Pinus* and *Quercus*.
- Lasiosphaeria spermoides*** (Hoffm.) Ces. & De Not.
On fallen branches of broadleaved trees.
- Lasiosphaeria strigosa*** (Alb. & Schwein.) Sacc.
Noted on a fallen branch.
- Leotia lubrica*** (Scop.) Pers.
Jellybaby
On damp ground in broadleaved woodlands associated with *Quercus* and *Fagus sylvatica* and *Acer pseudoplatanus*.
- Leptosphaeria acuta*** (Moug. & Nestl.) P. Karst.
Nettle Rash
Very common in spring at base of dead *Urtica dioica* stems.
- Leptosphaeria coniothyrium*** (Fuckel) Sacc.
The cause of "Cane Blight" on *Rubus* stems.

- Leptospora rubella*** (Pers.) Fr.
Recorded on stems of herbaceous plants including *Heracleum sphondylium* and *Urtica dioica*.
- Lophodermium conigenum*** (Brunaud) Hiltizer
On dead *Pinus* needles.
- Lophodermium pinastri*** (Schrad.) Chevall.
Pine Needle Split
Frequent on fallen *Pinus* needles.
- Melanconis stilbostoma*** (Fr.) Tul. & C. Tul.
On fallen branches and twigs of *Betula*.
- Melanomma pulvis-pyrius*** (Pers.) Fuckel
Recorded on fallen trunks and branches of *Alnus glutinosa*, *Pinus* and *Quercus*.
- Melastiza cornubiensis*** (Berk. & Broome) J. Moravec
(= *Melastiza chateri* (W.G. Sm.) Boud.)
Found amongst mosses on a grassy pathside.
- Metasphaeria complanata*** (Tode) Sacc.
Found on old stems of various herbaceous plants including *Heraceum sphondylium*.
- ****Metasphaeria graminum*** (Sacc.) Sacc.
Noted with *Ammophila arenaria* on dune slack grassland at Ainsdale.
- Microglossum viride*** (Pers.) Gillet
On bare soil with *Fagus sylvatica* in broadleaved woodland.
- Micropodia pteridina*** (Nyl.) Boud.
At base of old *Pteridium aquilinum* stems.
- Microthyrium ciliatum var. ciliatum*** Gremmen & De Kam
Common on dead leaves of *Ilex aquifolium*.
- Mitruia paludosa*** Fr.
Bog Beacon
Found in spring in boggy places, often in running water.
- Mollisia amenticola*** (Sacc.) Rehm
On fallen female *Alnus* catkins.
- Mollisia aquosa*** (Berk. & Broome) W. Phillips
Noted on cut conifer logs.
- Mollisia cinerea*** (Batsch) P. Karst.
Common Grey Disco
Very common on many substrates including *Acer*, *Crataegus*, *Fagus*, *Fraxinus*, *Populus alba*, *Pinus*, *Quercus*, *Rubus* and dead *Urtica dioica* stems.
- Mollisia cinerella*** Sacc.
Found on a *Fagus sylvatica* cupule.
- Mollisia clavata*** Gremmen
On dead *Rubus fruticosus* stems.
- Mollisia discolor var. longispora*** Le Gal
On attached and fallen *Quercus* branches.
- Mollisia juncina*** (Pers.) Rehm
On dead stems of *Juncus effusus*.
- Mollisia ligni*** (Desm.) P. Karst.
Reported on a fallen tree.
- Mollisia palustris*** (Roberge ex Desm.) P. Karst.
On dead stems of *Juncus effusus*.
- Monilinia fructigena*** Honey
On overwintering mummified fruits of *Malus*.
- Monilinia johnsonii*** (Ellis & Everh.) Honey
Haw Goblet
Brown blotches on living leaves of *Crataegus monogyna* in Spring. The alternative stage on mummified fruits was not recorded.
- Monilinia laxa*** (Aderh. & Ruhland) Honey
On mummified *Prunus* fruits in garden.
- Monographella nivalis*** (Schaffnit) E. Müll.
On dead stems of grasses including *Poa annua*.
- Morchella elata*** Fr.
Black Morel
A springtime species from dune grassland.
- ****Morchella esculenta var. umbrina*** (Boud.) S. Imai
In sandy grassland with *Salix* on the Ainsdale dunes.
- Mycosphaerella brassicicola*** (Fr. & Duby) Lindau
On *Brassica* leaf in garden.
- Mycosphaerella fragariae*** (Tul.) Lindau
On a *Fragaria* leaf in a garden.
- Mycosphaerella lineolata*** (Roberge ex Desm.) J. Schröt.
On dead stems and leaves of grasses, noted on *Ammophila arenaria*.
- Mycosphaerella punctiformis*** (Pers.) Starbäck
Reported on fallen *Quercus* leaves.
- Mycosphaerella ulmi*** Kleb.
On *Ulmus glabra* leaf living.
- Myriosclerotinia curreyana*** (Berk. ex Curr.) N.F. Buchw.
On dead stems of *Juncus effusus*.
- Nectria cinnabarina*** (Tode) Fr.
Coral Spot
Very common pink spots, usually on fallen *Acer pseudoplatanus* twigs but also found on *Fagus sylvatica*, *Quercus* and *Crataegus monogyna*.
- Nectria coccinea*** (Pers.) Fr.
Common on trunks and dead fallen branches particularly of *Fagus sylvatica*.
- Nectria episphaeria*** (Tode) Fr.
Frequent. Small red lumps growing on *Nectria coccinea*, *Diatrype stigma*, *Chaetosphaeriella phaeostoma* and other Pyrenomycetes.
- Nectria fuckeliana*** C. Booth
Noted in mixed woodland.
- Nectria galligena*** Bres.
On surface around fissured cankers on *Fraxinus excelsior* and *Malus* species.
- Nectria peziza*** (Tode) Fr.
Reported on a *Trametes gibbosa* fruitbody.
- Nectria pinea*** Dingley
Reported on rotten *Pinus* stump.
- Nectria pseudopeziza*** (Desm.) Rossman
Found on rotten broadleaved wood.
- Nectria viridescens*** C. Booth
On rotten *Fagus sylvatica* wood.
- Nectriopsis broomeana*** (Tul. & C. Tul.) W. Gams
Growing on a *Heterobasidion annosum* fruitbody.
- Nectriopsis exigua*** (Pat.) W. Gams
(= *Nectria myxomyceticola* Samuels)
Verticillium rexianum state found growing on Myxomycetes fruitbodies including *Trichia botrytis var. botrytis*.

Nectriopsis sporangiicola (Samuels) Samuels

Found growing on a *Arcyria minuta* fruitbody.

Nemania serpens* var. *serpens (Pers.) Gray

Noted on fallen *Fagus sylvatica* trunk and *Acer pseudoplatanus* twigs.

Neobulgaria pura (Fr.) Petr.

Beech Jellydisc

Common on rotten fallen trunks and branches of *Fagus sylvatica*, but also recorded on *Acer pseudoplatanus* and *Fraxinus excelsior*.

Neodasyscypha cerina (Pers.) Spooner

(= *Lachnum cerinum* (Pers.) Nannf.)

Noted on fallen branches of broadleaved trees.

Neottiella rutilans (Fr.) Dennis

In grassland and by woodland paths, probably associated with *Polytrichum piliferum*.

Neottiella vivida (Nyl.) Dennis

Reported from semi-improved grassland on the Pennine fringes.

Niptera melatephra (Lasch) Rehm

On dead stems of *Juncus effusus*.

Nitschkia grevillei (Rehm) Nannf.

Noted on a fallen broadleaved branch.

****Octospora roxheimii*** Dennis & Itzerott

Growing with *Funaria hygrometrica* at Ainsdale.

Onygena corvina Alb. & Schwein.

Feather Stalkball

Found on a bone in an Owl pellet and on a decaying sheeps jaw.

Ophiostoma ulmi (Buisman) Nannf.

Dutch Elm Disease

Reported on *Ulmus*.

Orbilina auricolor (A. Bloxam ex Berk.) Sacc.

Yellow discs noted on fallen *Quercus* trunk and *Hypoxylon fragiforme* fruitbody.

Orbilina coccinella (Sommerf.) P. Karst.

Common on rotten wood, noted on *Pinus* and *Salix*.

Orbilina curvatispora Boud.

Recorded on fallen trunks, fall branch of *Fagus sylvatica* and on herbaceous stems.

Orbilina delicatula (P. Karst.) P. Karst.

Reported on rotten *Alnus glutinosa* wood.

Orbilina leucostigma (Fr.) Fr.

Habitat not recorded.

Orbilina sarraziniana Boud.

On rotten *Salix* wood.

Orbilina xanthostigma (Fr.) Fr.

Common Glasscup

Common on fallen branches of many broadleaved trees.

Otidea bufonia (Pers.) Boud.

Toad's Ear

Reported from sandy soil with *Salix repens* on the dunes and on bare soil in conifer woodlands.

Otidea cochleata (L.) Fuckel

Brown Ear

Frequent on soil in conifer woodland.

Pachyella babintonii (Berk. & Broome) Boud.

Noted on a living *Rhododendron* leaf.

Pezicula livida (Berk. & Broome) Rehm

On fallen conifer branches.

Peziza ampliata Pers.

Reported from woodland soil, woodchip and rotten wood.

Peziza arvernensis Boud.

On soil in woodland and with conifers on burnt ground.

Peziza badia Pers.

Bay Cup

In soil in broadleaved woodlands.

Peziza cerea Sowerby

Cellar Cup

Found in soil and on old mortar of brick and stone houses.

Peziza domiciliana Cooke

Reported on an old carpet in a garden.

Peziza howsei (Boud.) Donadini

(= *Peziza emileia* Cooke)

Found in grassland.

Peziza micropus Pers.

Found on a log in a wood yard.

****Peziza ninguis* var. *ninguis*** Donadini & Trimbach

Found under a hedge on sandy soil on the Ainsdale dunes.

Peziza ostracoderma Korf

Noted in peat-based compost in an unheated greenhouse.

Peziza praetervisa Bres.

On fire sites.

Peziza repanda Wahlenb.

Palamino Cup

On trunk of fallen broadleaved tree and on bonfire sites.

Peziza varia (Hedw.) Fr.

Layered Cup

In grassy soil in garden.

Peziza vesiculosa Bull.

Blistered Cup

On grassland soil.

Peziza violacea Pers.

On burnt ground with *Acer pseudoplatanus*.

Pezizella alniella (Nyl.) Dennis

On old fallen female *Alnus* catkins.

Pezizella parilis (P. Karst.) Dennis

On sodden broadleaved wood fallen.

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

In *Ilex aquifolium* leaf litter.

Phaeangella ventosa (P. Karst.) P. Karst.

Noted on rotten conifer wood.

Phaeohelotium extumescens (P. Karst.) Dennis

Growing on *Diatype stigma* fruitbody.

Phaeohelotium flexuosum (Crossl.) Dennis

Found on rotten *Salix* wood.

Phaeohelotium geogenum (Cooke) Svrcek & Matheis

Found on damp bare soil.

Phaeohelotium monticola (Berk.) Dennis

Recorded on a *Quercus* acorn cup.

- Phaeohelotium subcarneum*** (Schumach.) Dennis
Pale purplish pink on fallen *Pinus* cone.
- Phaeohelotium trabinellum*** (P. Karst.) Dennis
Recorded in Broadleaved woodland.
- Phialina separabilis*** (P. Karst.) Huhtinen & Scheuer
On dead stems of *Rubus fruticosus*.
- Phyllachora dactylidis*** Delacr.
Black flecks on living leaves of *Dactylis glomerata*.
- Phyllachora junci*** (Alb. & Schwein.) Fuckel
Very Common near base of decaying stems of *Juncus effusus*.
- Phyllactinia guttata*** (Wallr.) Lév.
Noted on living leaves of *Corylus avellana* and *Fagus sylvatica*.
- Pleuroceras pseudoplatani*** (Tubef.) M. Monod
The "Giant Leaf Blotch" on living leaves of *Acer pseudoplatanus*.
- Plicaria carbonaria*** Fuckel
(= *Plicaria anthracina* (Cooke) Boud.)
Recorded on a bonfire site.
- **Podophacidium xanthomelum*** (Pers.) Kavina
Found on bare soil with *Pinus* at Wayoh Reservoir, near Bolton.
- Podosphaera aphanis*** (Wallr.) U. Braun & S. Takam.
Powdery Mildew on living leaves of *Geum urbanum* and *Alchemilla* species.
- Podosphaera clandestina var. aucupariae*** (Erikss.) U. Braun
Powdery mildew on living leaves of *Sorbus aucuparia*.
- Podosphaera clandestina var. clandestina*** (Wallr.) Lév.
Powdery Mildew on leaves of *Crataegus monogyna*.
- Podosphaera ferruginea*** (Schltld.) U. Braun & S. Takam.
Powdery Mildew on living leaves of *Sanguisorba officinalis*.
- Podosphaera fusca*** (Fr.) U. Braun & Shishkoff
Powdery Mildew noted on living leaf of *Taraxacum officinale*.
- Podosphaera mors-uvae*** (Schwein.) U. Braun & S. Takam.
Powdery Mildew on fruit of *Ribes uva-crispa*.
- Podosphaera xanthii*** (Castagne) U. Braun & Shishkoff
Powdery Mildew reported on living leaves and stems of *Senecio jacobaea*.
- Polycephalomyces tomentosus*** (Schrad.) Seifert
(= *Byssostilbe stilbigera* (Berk. & Broome) Petch)
On old Myxomycetes fruitbody.
- Polydesmia pruinosa*** (Gerd. ex Berk. & Broome) Boud.,
Very common in winter growing on other Ascomycetes including
Diatrype stigma, *Diatrypella quercina* and *Eutypa maura*.
- Proliferodiscus pulveraceus*** (Alb. & Schwein.) Baral
(= *Lachnum pulveraceum* (Alb. & Schwein.) anon. ined.)
Frequent in spring on dead branches of broadleaved trees including *Salix*.
- Propolis farinosa*** (Pers.) Fr.
(= *Propolomyces versicolor* (Fr.) Dennis)
On fallen leaves of *Acer pseudoplatanus* and *Salix*.
- Protomyces macrosporus*** Unger
White felting causing leaf distortion on *Anthriscus sylvestris* in spring.
- Pseudopeziza trifolii*** (Biv.) Fuckel
On living leaves of *Trifolium* species.
- Psilachnum inquilinum*** (P. Karst.) Dennis
On black dead stem bases of *Equisetum*.
- Pulvinula convexella*** (P. Karst.) Pfister
Found with *Salix* in broadleaved woodland.
- Pycnostysanus azaleae*** (Peck) E.W. Mason
Noted in *Rhododendron* flower buds.
- Pyrenopeziza adenostylidis*** (Rehm) Gremmen
Recorded on dead stems of *Heracleum sphondylium*.
- Pyrenopeziza arenivaga*** (Desm.) Boud.
Notes on decaying leaves of *Ammophila arenaria*.
- Pyrenopeziza petiolaris*** Masee
On the petioles of fallen *Acer pseudoplatanus* leaves.
- Pyrenopeziza revincta*** (P. Karst.) Gremmen
On dead herbaceous stems.
- Pyrenopeziza urticicola*** (W. Phillips) Nannf.
Found on living stems of *Urtica dioica*.
- Pyronema domesticum*** (Sowerby) Sacc.
Bonfire site at side of pathway.
- Quaternaria quaternata*** (Pers.) J. Schröt.
Found on freshly fallen *Fagus sylvatica* leaves.
- Rhabdospora pleosporoides*** (Sacc.) Sacc.
On old dead stems of herbaceous plants. Also found on old seed cases of
Heracleum sphondylium.
- Rhizina undulata*** Fr.
Pine Fire Fungus
Found on burnt ground with conifers.
- Rhopoglyphus filicinus*** (Fr.) Nitschke ex Fuckel
Bracken Map
Abundant on dead stems of *Ptilidium aquilinum*.
- Rhytisma acerinum*** (Pers.) Fr.
Sycamore Tarspot
Very common on living and dead leaves of *Acer pseudoplatanus*. The
spring stage is not recorded but could be easily overlooked.
- Rhytisma salicinum*** (Pers.) Fr.
Large black spots occasionally found on living leaves of *Salix*.
- Rosellinia aquila*** (Fr.) De Not.
Noted in Broadleaved woodland.
- Rosellinia mammiformis*** (Hoffm.) Ces. & De Not.
Reported on dead fallen branches of *Salix*.
- Rosellinia thelena*** (Fr.) Rabenh.
Reported on a fallen rotten broadleaved branch.
- Rutstroemia firma*** P. Karst.
Brown Cup
Recorded on rotten *Quercus* twigs and branches.
- Sarcoscypha austriaca var. austriaca*** (O. Beck ex Sacc.) Boud.
Scarlet Elfcup
A late winter species found on mossy logs and sticks, mainly *Salix*
species. Can be locally plentiful.
- Sarea resinae*** (Fr.) Kuntze
Orange spots on the resin extruded for conifer trees.
- Sawadaea bicornis*** (Wallr.) Miyabe
On living leaves of *Acer pseudoplatanus*.
- Schizothecium tetrasporum*** (G. Winter) N. Lundq.
Found on *Oryctolagus cuniculus* dung.

Sclerotinia sclerotiorum (Lib.) de Bary
In spring on dead herbaceous material.

Scutellinia scutellata (L.) Lambotte
Common Eyelash
Very common on rotten *Fagus sylvatica* wood. Also found on *Salix* and *Pinus*.

Scutellinia trechispora (Berk. & Broome) Lambotte
In mossy and bare soil.

Scutellinia umbrorum (Fuckel) Lambotte
Frequent. Found in bare patches in grassland and on damp ground with *Alnus glutinosa*.

Spadicoides xylogena (A.L. Sm.) S. Hughes
Recorded on rotten wood but was probably growing on a *Hyphomycetes* on the wood.

Sphaerotheca epilobii (Link) de Bary
Powdery mildew noted on *Epilobium hirsutum* leaves.

Sphaerotheca fuliginea (Schltld.) Pollacci
Powdery Mildew recorded on *Urtica dioica* leaf.

Sydowiella fenestrans (Duby) Petr.
On dead stems of *Chamerion angustifolium*.

Tapesia fusca (Pers.) Fuckel
In fallen *Alnus* branches throughout year.

Taphrina alni (Berk. & Broome) Gjaerum
Alder Tongue

Large tongue attached to dead catkins of *Alnus glutinosa*. This fungus increased dramatically during the final years of the survey.

Taphrina betulina Rostr.
Birch Besom
In upper branches of *Betula* forming masses of twigs known as "witches' brooms."

Taphrina filicina Rostr.
Small yellow spots on fronds of *Dryopteris dilatata*.

Taphrina sadebeckii Johanson
Less common than *Taphrina tosquinetii* forming smaller blisters on *Alnus glutinosa*.

Taphrina tosquinetii (Westend.) Magnus
Frequent, causing large blisters on living leaves of *Alnus glutinosa*.

Tarzetia catinus (Holmsk.) Korf & J.K. Rogers
Found on bare ground in woods as well as woodchip and grassy dunes.

Tarzetia cupularis (L.) Svrcek
Toothed Cup
Noted on pathsides and on grassy soil.

****Tricharina praecox var. praecox*** (P. Karst.) Dennis
With burnt litter at Ainsdale.

Trichoglossum hirsutum (Pers.) Boud.
Hairy Earthtongue
Reported from semi-improved grassland and mossy grass dunes.

Trochila craterium (DC.) Fr.
Black erumpent slots on dead *Hedera helix* leaves during winter

Trochila ilicina (Nees) Greenh. & Morgan-Jones
Holly Speckle
Very common on fallen *Ilex aquifolium* leaves.

Tubeufia cerea (Berk. & M.A. Curtis) Höhn.
The *Helicosporum* state recorded at Roddlesworth.

****Valsella adhaerens*** Fuckel
Noted on dead *Betula* branches.

Venturia inaequalis (Cooke) G. Winter
Scab fungus forming olive brown velvety patches on *Malus* fruits.

****Venturia maculiformis*** (Desm.) G. Winter
Brown spots on living leaves of *Epilobium hirsutum* in Smilhills Wood, near Bolton.

Venturia rumicis (Desm.) G. Winter
Purple spots on leaves of *Rumex acetosa*.

Verpa conica (O.F. Müll.) Sw.
Thimble Morel
Growing with *Salix repens* on sandy soil at Ainsdale.

Winterella suffusa (Fr.) Kuntze
On fallen *Alnus* twigs and branches in winter and spring.

Xylaria carpophila (Pers.) Fr.
Beechmast Candlesnuff
Very common on *Fagus* cupules throughout the year, usually in damp ground.

Xylaria filiformis (Alb. & Schwein.) Fr.
On rotting leaves of broadleaved trees.

Xylaria hypoxylon (L.) Grev.
Candlesnuff Fungus
Very common on rotten stumps. Recorded on *Acer*, *Betula*, *Fagus*, *Quercus* and *Salix*.

Xylaria longipes Nitschke
Dead Moll's Fingers
Common on rotten wood and stumps. Noted on *Acer pseudoplatanus* and *Fagus sylvatica*.

Xylaria polymorpha (Pers.) Grev.
Dead Man's Fingers
Very common on wood and fallen branches. Recorded on *Betula*, *Fagus*, *Quercus* and *Salix*.

MYXOMYCETES

Arcyodes incarnata (Alb. & Schwein.) O.F. Cook
Arcyria cinerea (Bull.) Pers.
Arcyria denudata (L.) Wettst.
Arcyria ferruginea Saut.
Arcyria incarnata (Pers.) Pers.
Arcyria minuta Buchet
Arcyria nutans (Bull.) Grev. (= *Arcyria obvelata* (Oeder) Onseberg)
Arcyria pomiformis (Leers) Rostaf.
Badhamia macrocarpa (Ces.) Rostaf.
Badhamia panicea (Fr.) Rostaf.
Badhamia utricularis (Bull.) Berk
Brefeldia maxima (Fr.) Rostaf.)
Ceratiomyxa fruticulosa var. fruticulosa (F. Muell.) T. Macbr.
Collaria elegans (Racid.) Dhillon & Nann.-Bremek.
Collaria rubens (Lister) Nann.-Bremek.
Comatricha nigra (Pers.) Schröt
Comatricha pulchella var. pulchella (C.Bab.) Rostaf.
Comatricha tenerrima (M.A. Curtis) G. Lister
Craterium aureum (Schumach.) Rostaf.
Craterium minutum (Leers) Fr.
Cribraria argillacea (Pers.) Pers.
Cribraria aurantiaca Schrad.
Cribraria cancellata var. cancellata (Batsch) Nann.-Bremek.
Cribraria cancellata var. fusca (Lister) Nann.-Bremek.

Cribraria minutissima Schwein.
Cribraria persoonii Nann.-Bremek.
Diachea subsessilis Peck
Dictydiaethalium plumbeum (Schum.) Rostaf.
Diderma cinereum Morgan
Diderma globosum Pers.
Diderma spumarioides (Fr.) Fr.
Didymium clavus (Alb. & Schwein.) Rabenh.
Didymium difforme (Pers.) Gray
Didymium melanospermum (Pers.) T. Macbr.
Didymium minus (Lister) Morgan
Didymium nigripes (Link) Fr.
Didymium squamulosum (Alb. & Schwein.) Fr.
Echinostelium brooksii K.D. Whitney
Enerthenema papillatum (Pers.) Rostaf.
Fuligo septica var. flava (Pers.) R.E. Fr.
Fuligo septica var. septica (L.) F.H. Wigg Flowers of Tan
Hemitrichia abietina (Wigand) G. Lister
Leocarpus fragilis (Dicks.) Rostaf.
Licea kleistobolus G.W. Martin
Licea minima Fr.
Licea pusilla Schrad.
Licea variabilis Schrad.
Lycogala confusum Nann.-Bremek. ex Ing
Lycogala conicum Pers.
Lycogala epidendrum (L.) Fr.
Lycogala terrestre Fr.
Metatrichia floriformis (Schwein.) Nann.-Bremek.
Mucilago crustacea F.H. Wigg.
Paradiacheopsis fimbriata (G. Lister & Cran) Hertel
Perichaena depressa Lib.
Physarum album (Bull.) Chevall.
Physarum bivalve Pers.
Physarum cinereum (Batsch.) Pers.
Physarum contextum (Pers.) Pers.
Physarum leucophaeum Fr.
Physarum pusillum (Berk. & M.A. Curtis) G. Lister
Physarum robustum (Lister) Nann.-Bremek.
Physarum viride var. viride (Bull.) Pers.
Reticularia lobata Lister (= *Enteridium lobatum* (Lister) M.L. Farr)
Reticularia lycoperdon Bull. (= *Enteridium lycoperdon* (Bull.) M.L. Farr)
Stemonitis axifera (Bull.) T. Macbr.
Stemonitis flavogenita E. Jahn
Stemonitis fusca var. fusca Roth
Stemonitis nigrescens Rex
Stemonitopsis amoena (Nann.-Bremek.) Nann.-Bremek.
Stemonitopsis hyperopta (Meyl.) Nann.-Bremek.
Stemonitopsis reticulata (H.C. Gilbert) Nann.-Bremek. & Y. Yamam.
Stemonitopsis typhina (F.H. Wigg.) Nann.-Bremek.
Symphytocarpus amaurochaetoides Nann.-Bremek.
Symphytocarpus flaccidus (Lister) Ing & Nann.-Bremek.
Trichia botrytis var. botrytis (J.F. Gmel.) Pers.
Trichia decipiens var. decipiens (Pers.) T. Macbr.
Trichia scabra Rostaf.
Trichia varia (Pers.) Pers.
Trichia verrucosa Berk.
Tubulifera arachnoidea Jacq. (= *Tubifera ferruginosa* (Batsch.) J.F. Gmel.)