

## Master list of target fungi – July 2015

Fungus name	Habit & Ecology	Fruiting season	Last rec/ colln (pre LAFF)	Sites (last 50 y)	Country	Site record summary	Comments
<i>Amanita friabilis</i>	<i>Alnus</i> woodland. Ectomycorrhizal with <i>Alnus</i>	Sept–Oct	1986?	1?(1?)		EW Lancashire	Some historical collns now redetermined
<i>Amanita nivalis</i>	Montane. Ectomycorrhizal with <i>Salix</i>	Aug–Sept	2010		E,S,W	Scattered sites in Scotland, and single locations in England (Cumberland) and Wales (Caernarvonshire)	
<i>Amanita ovoidea</i>	Southern <i>Quercus ilex</i> woodland. Ectomycorrhizal with <i>Q. ilex</i>	Jul–Oct	2010	2(2)		E,IO,W; N Wiltshire	
<i>Anthostomella alchemillae</i>	Montane. Saprotroph on dead leaves of <i>Alchemilla alpina</i>		1986	2(2)		S Main Argyll; N Ebudes (Skye)	
<i>Anthracoidea limosa</i>	Ovary smut on <i>Carex limosa</i>	Jul	1943	3(0)		Argyll; Mid Perthshire; W Sutherland	
<i>Anthracoidea pulicaris</i>	Ovary smut on <i>Carex pulicaris</i>	Jul–Aug	1932	2(0)		E,SE Norfolk; N Ebudes (Skye)	
<i>Armillaria ectypa</i>	Wetland. Agaric on soil/litter in wet, often locally alkaline, habitats	Jul–Oct	2014	8(6)	E,NI,S,W	Antrim; Argyll; Carmarthenshire; Down; Easternness; MW Yorkshire; Suffolk; Westmorland	
<i>Artomyces (Clavicornia) pyxidatus</i>	Woodland. Clavarioid on dead wood	Oct	2012	2(1)		EE Suffolk; Worcestershire	
<i>Aspicilia melanaspis</i>	Lichen on siliceous lakeside rocks (quartzite)	All year	1995	1(1)		S Argyll; W Sutherland	
<i>Battarrea phalloides</i>	Stiltball of sandy soils, often on trackside banks	All year	2014			E southern, widespread, esp E Anglia	Widespread records but in need of monitoring
<i>Biatora veteranorum</i>	Lichen on lignum or dry bark of ancient trees (mostly <i>Quercus</i> , also <i>Salix</i> )	All year	2013	11(11)	E,S	Bedfordshire; Shropshire; Angus; Midlothian	
<i>Biscogniauxia marginata</i>	Weak canker-causing parasite of rosaceous trees		1910	1(0)		E NE Yorkshire	
<i>Boletus fechtneri</i>	Woodland, calc. Ectomycorrhizal	Aug	2006	1(1)		E Herefordshire	Some historical collns now redetermined
<i>Bovista limosa</i>	Coastal. Puffball in sand dunes						Distribution data subject to revision
<i>Bovista paludosa</i>	Wetland. Puffball in wet alkaline habitats	May–Sep	2005	5(3)		E Norfolk; NE Yorkshire; E Westmorland	
<i>Caloplaca caesiorufella</i>	Lichen; a single gathering on old, unrotted fence posts near the sea; very rare	All year	2013	3(2)		S Shetland, St Kilda	

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<i>Caloplaca haematites</i>	Lichen on smooth, base-rich bark, especially twigs of fruit trees, <i>Juglans</i> and <i>Populus</i>	All year	XIX century	3(0)		ES. Devon, Worcester, Cambridge	
<i>Catolechia wahlenburgii</i>	A lichen on acid soils, the vertical side of large boulders, mosses and rock crevices	All year	2009	10(10)		S Ben Nevis massif, Ben Alder, Skye	
<i>Chromosera (Hygrocybe) citrinopallida</i>	Montane/arctic/alpine waxcap grassland						Distribution data subject to revision
<i>Chromosera (Hygrocybe) lilacina</i>	Montane/arctic/alpine waxcap grassland		2006			S	
<i>Chrysomyxa pyrolata</i>	Coastal (?mainly). Rust on <i>Pyrola</i> esp. <i>P. rotundifolia</i> subsp. <i>maritima</i> in dune slacks	Apr–Aug	2014	8(3)		Angus; E Gloucestershire; Midlothian; Shropshire; S Lancashire; S Wiltshire; E, S Westmorland	
<i>Cryptomyces maximus</i>	On attached <i>Salix</i> twigs					W Pembrokeshire	Extinct in E, S, NI?
<i>Dacampia rhizocarpicola</i>	Parasite of <i>Rhizocarpon</i> sp.		1989	1(1)		S Mid Perths	
<i>Daldinia petriniae</i>	<i>Daldinia concentrica</i> look-alike on <i>Alnus</i> rather than <i>Fraxinus</i>	Mar–Oct	1998	4(4)		N Hampshire; Surrey; E Warwickshire; Worcestershire	
<i>Dencoeliopsis johnstonii</i>	Birch heath. Disco on pyreno <i>Xenotypha aterrima</i> on dead attached <i>Betula</i> wood	Jun	2006	3(2)		E, S, NI Berwickshire; Londonderry; Surrey	
<i>Dichomitus efibulatus</i>	S and SW coastal. Polypore on deadwood in Atlantic habitats	All year	2013			E, C Cornwall; Guernsey; Isle of Wight; N Devon; S Hampshire; W	Potential UK endemic?
<i>Encoelia carpini</i>	Discomycete on fallen branch of <i>Carpinus</i>	Jul	2004	2(1)		E Herts	
<i>Entoloma bloxamii</i>	Stout purple/blue agaric in waxcap grassland					Scattered throughout UK	A group of morphologically similar species, and all are included here.
<i>Exobasidium expansum</i>	Montane. Redleaf of <i>Vaccinium uliginosum</i> shoots	Jul	1994	2(2)		S Cairngorms; E Perthshire	
<i>Exobasidium pachysporum</i>	Leaf spots on <i>Vaccinium uliginosum</i>	Aug–Sep	2013	2(2)		E, S Cumberland; Easternness	
<i>Favolaschia calocera</i>	Woodland. Golden stiped poroid on fallen dead wood ( <i>Acer</i> , <i>Fagus</i> , <i>Sambucus</i> ). Potentially invasive introduction	Oct–Nov	2014	3(3)		E Cornwall; S Devon	
<i>Fulgensia bracteata</i>	Lichen on rock, soil and mosses on a buttress of metamorphosed 'sugar limestone' above 1000 m	All year	1981	1(1)		SE Inverness (Ben Alder)	
<i>Geastrum minimum</i>	Coastal earthstar in sand dunes	All year	2014	4(4)		Cumberland; East Suffolk; West E Norfolk; Westmorland	
<i>Geoglossum uliginosum</i>	Earthtongue amongst <i>Sphagnum</i> in boggy places		2014	6		E, NI, S, W Argyll; Carmarthen; Easternness; Fermanagh; Tyrone; Westmorland	
<i>Gliophorus europerplexus</i>	Waxcap in psittacina cplx		2013	2(2)		W Merionethshire; Pembrokeshire	All waxcaps keying to <i>Hygrocybe psittacina</i> var. <i>perplexa</i> included

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<i>Gliophorus reginae</i>	Purple viscid waxcap. Can fruit over Xmas and into January	Oct–Jan	2014	6(6)	E,W	Cumberland, Derbyshire, Pembrokeshire, Staffordshire, Surrey, Worcestershire	
<i>Gyalidea roseola</i>	On shaded limestone at entrance to an old lead mine	All year	2010	4(4)	S	Argyll, Southern Uplands	
<i>Helvella leucopus</i>	Coastal, on dunes associated with <i>Populus alba</i> group	Apr–May	2006	2(2)	W	Carmarthenshire, Glamorgan	
<i>Hericium coralloides</i>	Woodland. Saprotrophic tooth fungus mostly on beech (then ash)	Sep–Nov	2009				Widespread records but in need of monitoring
<i>Hericium erinaceus</i>	Woodland. Saprotrophic tooth fungus mostly on beech	Sep–Nov	2009				Widespread records but in need of monitoring
<i>Hohenbuehelia culmicola</i>	Coastal. Saprotrophic agaric on marram						Distribution data subject to revision
<i>Hygrocybe marchii</i>	Waxcap resembling <i>H. coccinea</i> (? distinct spores)						Waxcaps keying to <i>H. marchii</i> sensu Boertmann edn1 included. Distribution data subject to revision
<i>Hygrocybe roseascens</i>	Waxcap with pink tints (in Boertmann 2nd edn)				W		Distribution data subject to revision
<i>Hygrocybe spadicea</i>	Nutrient-poor grasslands	Jul–Oct			E,S,W	Scattered throughout GB	Widespread records but in need of monitoring
<i>Hypocreopsis lichenoides</i>	Conspicuous parasite on <i>Hymenochaete tabacina</i> (on <i>Salix</i> )		1993	8(2)	E,S,W	Apparently extinct in Wales and Kent	
<i>Hypogymnia vittata</i>	Lichen in short, coastal turf, mostly alongside tracks	All year	1998	1(1)	SE	Sutherland	
<i>Hypoxylon fuscoides</i>	Differing from <i>H. fuscum</i> in having purple pigments in KOH. On dead <i>Alnus</i> wood	All year	2011	2(2)	E	Buckinghamshire; Derbyshire	
<i>Lasiobotrys loniceræ</i>	Black spots (ascomycete) on living <i>Lonicera</i> leaves	Jul–Aug	2005	5(3)	E,S	W Cornwall, E Ross, E Sutherland, SW Yorkshire	
<i>Lecania coeruliorubella</i>	A lichen on old mortar	All year	2013	2(1)	E	Cleveland, Hertfordshire	
<i>Lecania coerulescens</i>	A lichen on calcareous sandstone	All year	2011	3(2)	E	Cleveland, Yorkshire, Norfolk	
<i>Lecidea inops</i>	A lichen on copper-rich rocks in old mine workings	All year	1984	4(4)	E	Westmorland	
<i>Lichenochora epifulgens</i>	Parasite on the rare lichen <i>Fulgensia fulgens</i>		2012	1(1)	W	Pembrokeshire	
<i>Melanelixia subargentifera</i>	On nutrient-rich tree trunks, in Xanthorion communities	All year	1996	1(1)	S	Kincardineshire. ? Extinct	
<i>Mollisia fuscoparaphysata</i>	Small dark grey disco on dead leaves of <i>Trichophorum cespitosum</i> , wet heath or moor.	May–Jun	2014	3(2)	E,S	Dorset; Westernness	
<i>Mollisia subglobosa</i>	Green disco associated with <i>Nectria</i> on <i>Ilex</i> trunks		2008	4(4)	E	S Hampshire	
<i>Multiclavula vernalis</i>	Lichenized clavarioid on peaty soil in summer	Mar–Jun	2011	3(3)	E,S	N Hampshire, Outer Hebrides, Shetland	
<i>Mycena renati</i>	Woodland. Wood-inhabiting agaric apparently fruiting early in autumnal season	Jul–Oct	2002	9(5)	E,W	Sussex, N Lincs, Yorkshire	
<i>Nephroma arcticum</i>	On lichen-moss heaths; very rare	All year	1994	2(2)	S	N Highlands	

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<i>Paxillus cuprinus</i>	<i>P. involutus</i> segregate, in more open habitats: parks, gardens, woodland edges		2014			E Middlesex; Surrey	
<i>Peltigera lepidophora</i>	Lichen on flat mossy rock ledges in a river gorge	All year	2009	1(1)		SC Perthshire	
<i>Peltigera malacea</i>	Lichen on acid dunes and conifer plantations on sand	All year	2014	14(14)		SE coast of Scotland	
<i>Peltigera scabrosa</i>	Lichen on montane acid soils	All year	1984	2(2)	S	Northern Highlands, Orkney Is	
<i>Peltigera scabrosella</i>	Lichen on mosses over moist conglomerate rock	All year	2009	1(1)	S	E Inverness-shire	
<i>Phaeosphaeria silenes-acaulis</i>	Saprotroph on the rare <i>Silene acaulis</i>	May	1974	1(1)		SMull	
<i>Piptoporus quercinus</i>	Woodland. Yellow/white poroid on veteran oak heartwood	Jun–Aug				E,S,W	Widespread records but in need of monitoring
<i>Pithya vulgaris</i>	Disco on dead <i>Abies</i> branches		2013	3(1)		E, IOM	SW Yorkshire
<i>Podoscypha multizonata</i>	Open woods/parks. Distinctive zoned rosettes on ground near trunks of living oaks, beech and occ. other bdlvs		2009			E	ES England, Pembrokeshire
<i>Polystigma rubrum</i>	Red spots on living leaves of blackthorn	Jul-Sep	2003	X(3)		CI,E,ROI,W	Cornwall, Channel Is, ROI
<i>Porina sudetica</i>	Lichen on bryophytes on slightly basic siliceous montane rock, or on heavy-metal-rich scree	All year	1991	2(2)		E,S	W Cornwall, Mid Perths
<i>Poronia erici</i>	On herbivore dung (rabbit, pony)	Oct-Nov	2011	3(3)		E	EE Suffolk; W Norfolk
<i>Postia guttulata</i>	Woodland. White polypore on coniferous deadwood. Upper surface of brackets may show pinkish patches and weep clear droplets	Sep–Nov	2014	4(4)			Dorset; S Hampshire, Herefordshire, E Sussex
<i>Pseudoyuconia thalictri</i>	Saprotroph on the rare <i>Thalictrum flavum</i> with distinctive spores		1995	1(1)			EE Suffolk
<i>Puccinia cicutae</i>	Rust on <i>Cicuta virosa</i>	Jun–Oct	2012	7(2)			EE Norfolk; E. Suffolk
<i>Puccinia cladii</i>	Rust on <i>Cladium mariscus</i>	May–Sep	2014	9(1)			E Cambridgeshire, E Norfolk
<i>Puccinia scorzonerae</i>	Rust on <i>Scorzonera humilis</i>	May–Aug	1998	2(1)		E,W	Dorset; Glamorganshire
<i>Pucciniastrum goodyerae</i>	Rust on <i>Goodyera repens</i>	Aug–Nov	2014	6(2)			E Sutherland; Easternness; SMorayshire; E Sutherland
<i>Pyrenula hibernica</i>	A lichen on smooth bark of <i>Corylus</i> , <i>Ilex</i> and <i>Sorbus</i> in very sheltered, moist ravines	All year	2010	6(6)			Merioneth, Western Highlands, Mull
<i>Sarcodon joeides</i>	Wood/park, likely to be ectomycorrhizal with <i>Castanea</i>	Sept	2010	1(1)			E Berkshire
<i>Sarcodontia crocea</i>	Orchards. Yellow resupinate wood-inhabiting tooth fungus of traditionally-managed old apple trees	Jul-Oct	2008	20(15)			E Scattered throughout S England
<i>Simocybe centunculus</i> var. <i>maritima</i>	Coastal sand dunes at base of <i>Ammophila</i> stems	Oct-Nov	2006	3(3)			W Anglesey, Cardiganshire, Glamorgan
<i>Siphula ceratites</i>	A lichen on shallow peat or gravelly soil	All year	2011	7(7)			S Northern Highlands, Skye
<i>Sporomega degenerans</i>	Weak parasite of <i>Vaccinium uliginosum</i>	Jul	1907	1(0)			SW Perthshire, E Inverness (tbc)
<i>Stereocaulon symphichaelum</i>	A lichen on rocks often containing heavy metals, in montane situations;	All year	1996	5(5)			ESW Cumbria, Snowdonia, Skye

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<i>Stereocaulon tomentosum</i>	Lichen on rocks in gravelly situations in heaths	All year	1909	7(0)		SE Scotland	? extinct
<i>Thamnogalla crombiei</i>	A lichenicolous fungus on <i>Thamnolia vermicularis</i>	All year?	1864	1(1)		S Ben Lawers massif	Only a single vouchered record exists
<i>Thelenella modesta</i>	Lichen on ± rough bark of wayside or parkland <i>Fraxinus</i> (Scotland) and on twigs of <i>Crataegus</i> (Sark); very rare	All year	1999	4(3)	CI,S	Angus, Sark	
<i>Thyronectria roseovirens</i>	Yellow nectriaceous saprotroph on old <i>Ulex</i> stems	Apr	2014	1(1)	ES	Hampshire	
<i>Tulostoma niveum</i>	On mosses on top of limestone boulders	Jul-Oct	2014	2(2)	SW	Sutherland, S Aberdeenshire	
<i>Umbilicaria spodochroa</i>	Lichen on water-seepage tracks on sheltered boulders close to a sea loch	All year	1974	2(1)	S	Sutherland	
<i>Urocystis colchici</i>	Open woodland and grassland. Leaf smut on <i>Colchicum autumnale</i>	Apr-Jun	2013	10(4)	E,W	Breconshire; Herefordshire; MW Yorkshire; NE Yorkshire; N Somerset; N Wiltshire; Oxfordshire; W Sussex; Warwickshire	Only 4 known sites (Eng & Wales) since WWII.
<i>Urocystis primulicola</i>	N English upland grassland. Ovary smut on <i>Primula farinosa</i>	Jul-Sep	2014	?6(6)	E,S	Durham; MW Yorks; West Lancashire; Westmorland	This name previously also applied to smut on <i>P. vulgaris</i> and <i>P. veris</i> now separated as <i>U. primulae</i>
<i>Uromyces gentianae</i>	Coastal and limy grasslands. Rust on <i>Gentianella amarella</i> (usually calc. short turf or dunes, late flowering host)	Jul-Sep	2012	11(5)	E	Bedfordshire; Dorset; E Kent; N Devon; N Hampshire; S Hampshire; W Suffolk; W Sussex; Worcestershire	
<i>Usnea subscabrosa</i>	Lichen amongst low vegetation ( <i>Calluna</i> ) and on rocks	All year		1(1)	E	Cornwall [?], Scilly Isles	
<i>Ustanciosporium gigantosporum</i>	Ovary smut on <i>Rhynchospora</i> (usually acidic bogs)	Aug-Sep	1959	3(0)	E, ROI	Dorset; S Wiltshire; W Galway; Connemara	
<i>Vankya (Ustilago) ornithogali</i>	Open woodland. Smut in leaves of <i>Gagea lutea</i> (can be amongst <i>Uromyces sori</i> )	Mar-May	2012	7(3)	E	Durham; MW Yorkshire; Oxfordshire; SW Yorkshire	
<i>Volvariella aethiops</i>	Parks, gardens, verges etc. In vicinity of basidiomata of <i>Agaricus xanthodermus</i>	Oct	2010	1(1)	E	Surrey Kew Gardens	
<i>Xerocomus silwoodensis</i>	Woodland. Ectomycorrhizal with <i>Populus</i> (white group)	Jul-Oct	2009	3(3)	E	Berkshire, Hampshire, Hertfordshire	
<i>Xylaria crozonensis</i>	Flat-topped <i>Xylaria</i> on dead branches	Jun	2014	2(2)	EE	Cornwall	

Colour code for categories of fungi				
Macrofungi	Non-lichenized Ascomycota	Rusts, smuts etc.	Lichens	Lichenicolous fungi