

Norfolk Fungus Study Group Foray Report

Calthorpe Broad. Sunday 6th September 2026.

Twenty of us gathered at Hickling Barn to begin the process of organising the car share to the limited parking at Calthorpe Broad, Natural England's closed reserve just to the south east of Stalham in the east of Norfolk. It was good to see some members who are rare attendees and some extra county recorders who had made the use of an opportunity to visit the site. The reserve consists of 107 acres of protected peatland and wetland and is an isolated, highly valued biological site within the River Thurne catchment area, known for its rare aquatic plants and quiet, undisturbed natural setting.



Elaine, the Natural England Ranger, who had kindly been part of the transportation arrangements, met us all at the “car park” and gave us a brief introductory talk explaining the size and recent history of the reserve. This included some information about the part it had played in the eradication of coypu from the east of England.

Rain in the weeks preceding the event meant that our exploration of the wettish woodland produced some very welcome gilled fungi and boletes in the early part of the day. Glenn found some Russet Toughshanks (easily the most common find of the day) plus some near perfect examples of Brown Birch Bolete, and some Pale Brittlestems. There was also a Deer Shield, some Orange Bonnets, an Ochre Brittlegill and an Orange Moss-cap. These were in addition to many rusts and mildews being recorded by James and Stewart, and other ascomycetes, crusts and brackets spotted by the rest of us - Bev found Frothy Porecrust and Jelly Rot on the same branch, Izzy found Hoof Fungus and Birch Polypore, yet again on the same birch trunk, and there was also Woolly Woodward, Smoky Bracket and Waxy Crust. Finally there were a number of slime moulds - Flowers of Tan, False Puffball, Wolf's Milk and “Coral Slime”.

An enjoyable lunch was taken as usual perched on logs before we continued our exploration of the woodland and then headed out onto the wet meadows which border the drainage channel to the east of the reserve.

The plentiful supply of dead standing and lying wood continued to produce species - Grayling Bracket, Blushing Bracket, Bleeding Porecrust, Black Velvet, Witches' Butter

and Crystal Brain all went onto the field identification list. Will, a visitor from the Northwest of England, found a contorted Blusher and Vicky produced a branch resembling a hazel staff which had a fine example of Tuberous Polypore at one end, and then Stewart spotted Hazel Woodward on the other.

Whilst rooting in a pile of cut vegetation near the wet meadows Yvonne found *Resinomyces saccharifera*, a tiny bonnet fungus, a Rush Disco and *Pterulicum gracile*, which forms tiny, hairlike fingers - all growing on dead rush stems. Up near the dyke there were a couple of different specimens of Ergot growing on *Monilinia* and Cocksfoot grass as well as more mildews and rusts and a species of smut growing on frogbit. Walking along the path adjoining the drainage channel we were pleased to see two barn owls who flew back along the channel.

The final walk back to the cars took us into more woodland hence Beefsteak Fungus dripping "blood", a nice example of Cinnamon Bracket turning purple when Jeremy applied potassium hydroxide, a couple of Shields - willow and *Pluteus podospileus* - and three types of bonnet - milking, iodine and common. We also had a very brief glimpse of a tawny owl flying through the woods making it a three owl day!

It was another very enjoyable outing and everyone seemed to appreciate the peaceful and varied surroundings. A big thank you to Elaine for guiding us around.

There were 72 field identifications and a final total of 128 species.

When comparing the list with the current Norfolk Mycota, and the 2026 list so far, 115 species are new for the site. There are two new species for Norfolk.

Reticularia intermedia a slime mould found growing on dead wood by Steve. Also *Rosellinia franciscae*, which firstly forms brown raised areas, which mature black, on vegetation stems, found here on reed, by Jeremy. Both identified later by Stewart.



Leccinum scabrum/Brown Birch Bolete



Amanita rubescens/Blusher



Fomes fomentarius/Hoof Fungus



Emmia latemarginata/Frothy Porecrust



Hapalopilus nidulans/Cinnamon Bracket



Lasio-sphaeria ovina/Woolly Woodwart



Physisporinus sanguinolentus/Bleeding Porecrust



Fistulina hepatica/Beefsteak Fungus

	
Polyporus tuberaster/Tuberous Polypore	Pterulicium gracile
	
Fuligo septica/Flowers of Tan	Mycena acicula/Orange Bonnet

FINDS

SCIENTIFIC NAME	COMMON NAME	SUBSTRATE	ASSOCIATED ORGANISM
<i>Amanita</i>	Blusher	Soil	
<i>Ascodichaena rugosa</i>		Bark	Quercus
<i>Berlesiella nigerrima</i>		Fruitbody	Jackrogersella multiformis
<i>Bisporella subpallida</i>		Dead Wood	Corylus avellana
<i>Bjerkandera</i>	Smoky Bracket	Dead Log	Betula
<i>Botryobasidium aureum</i>		Dead Wood	Fraxinus excelsior
<i>Cacumisporium capitulatum</i>		Dead Wood	

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<i>Camarographium stephensii</i>		Dead Frond	Pteridium aquilinum
<i>Ceratiomyxa fruticulosa</i>		Dead Wood	
<i>Cercospora resedae</i>		Live Leaf	Reseda luteola
<i>Chaetosphaerella phaeostroma</i>	Black Velvet	Dead Branch	Fraxinus excelsior
<i>Claviceps</i>		Flower	Molinia
<i>Claviceps</i>	Ergot	Flower	Dactylis glomerata
<i>Coprinellus curtus</i>		Dung	Cervidae
<i>Coprinellus xanthothrix</i>		Soil/Woody litter	
<i>Corynespora smithii</i>		Dead Twig	Ilex aquifolium
<i>Crepidotus versutus</i>		Dead Twig	Quercus
<i>Daedaleopsis confragosa</i>	Blushing Bracket	Dead Branch	
<i>Daldinia concentrica</i>	King Alfred's Cakes	Dead Branch	Fraxinus excelsior
<i>Dialonectria episphaeria</i>		Fruitbody	Diatrype stigma
<i>Diatrypella</i>	Oak Blackhead	Dead Branch	Quercus
<i>Diatrype stigma</i>	Common Tarcrust	Fallen Branch	Fraxinus excelsior
<i>Diatrypella favacea</i>	Birch Blackhead	Dead Branch	Betula
<i>Diderma spumarioides</i>		Rotten Wood	
<i>Didymella macrostoma</i>		Live Leaf	Cirsium arvense
<i>Diplodia sapinea</i>		Fallen Cone	Pinus sylvestris
<i>Ectostroma iridis</i>		Live Leaf	Iris pseudacorus
<i>Emmia latemarginata</i>	Frothy Porecrust	Dead Branch	Betula
<i>Erysiphe alphitoides</i>	Oak Mildew	Live Leaf	Quercus
<i>Erysiphe capreae</i>		Live Leaf	Salix cinerea
<i>Erysiphe lonicerae</i>		Live Leaf	Lonicera periclymenum
<i>Erysiphe polygoni</i>		Live Leaf	Polygonum aviculare

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<i>Erysiphe radulescui</i>		Live Leaf	Sisymbrium officinale
<i>Erysiphe</i>		Live Leaf	Lotus corniculatus
<i>Erysiphe urticae</i>		Live Leaf	Urtica dioica
<i>Eutypa maura</i>		Dead Twig	Salix cinerea
<i>Exidia glandulosa</i>	Witches' Butter	Dead Branch	Quercus
<i>Exidia nucleata</i>	Crystal Brain	Dead Branch	Fraxinus excelsior
<i>Fistulina hepatica</i>	Beefsteak Fungus	Live Trunk	Quercus
<i>Fomes</i>	Hoof Fungus	Fallen Trunk	Betula
<i>Fomitopsis</i>	Birch Polypore	Fallen Trunk	Betula
<i>Fuligo septica</i>	Flowers of Tan	Dead Wood	
<i>Ganoderma adspersum</i>	Southern Bracket	Dead Trunk	Betula
<i>Golovinomyces artemisiae</i>		Live Leaf	Artemisia vulgaris
<i>Golovinomyces macrocarpus</i>		Live Leaf	Matricaria discoidea
<i>Golovinomyces monardae</i>		Live Leaf	Mentha aquatica
<i>Gymnopus dryophilus</i>	Russet Toughshank	Soil/Woody litter	Betula
<i>Hapalopilus nidulans</i>	Cinnamon Bracket	Dead Branch	
<i>Hortiboletus</i>	Orangefoot Bolete	Soil	Quercus
<i>Hymenoscyphus caudatus</i>		Dead Stem	Juncus
<i>Hypholoma fasciculare</i>	Sulphur Tuft	Woody Litter	
<i>Hypomyces chrysospermus</i>	Bolete Mould	Fruitbody	
<i>Hypoxylon fuscum</i>	Hazel Woodwart	Dead Branch	Corylus avellana
<i>Inonotus hispidus</i>	Shaggy Bracket	Trunk	Fraxinus excelsior
<i>Jackrogersella multiformis</i>	Birch Woodwart	Dead Branch	Betula
<i>Lachnum apalum</i>	Rush Disco	Dead Stem	Juncus
<i>Lasiosphaeria</i>	Woolly Woodwart	Dead Branch	
<i>Leccinum</i>	Brown Birch	Soil/Woody litter	Betula
<i>Leptosphaeria acuta</i>	Nettle Rash	Dead Stem	Urtica dioica

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<i>Lophodermium arundinaceum</i>		Dead Stem	Phragmites australis
<i>Lophodermium pinastri</i>	Pine Needle Split	Needle Litter	Pinus sylvestris
<i>Lycogala terrestre</i>		Dead Wood	
<i>Melampsora caprearum</i>		Live Leaf	Salix cinerea
<i>Melanospora lagenaria</i>		Decaying Fruitbody	Fomitopsis betulina
<i>Mensularia radiata</i>	Alder Bracket	Trunk	Alnus glutinosa
<i>Microthyrium ciliatum</i>		Dead Leaf	Ilex aquifolium
<i>Mucilago crustacea</i>	Dog's Vomit Slime Mould	Dead Stump	
<i>Mycena acicula</i>	Orange Bonnet	Decaying Wood	
<i>Mycena filopes</i>	Iodine Bonnet	Soil/Woody litter	
<i>Mycena galericulata</i>	Common Bonnet	Soil/Woody litter	
<i>Mycena galopus</i>	Milking Bonnet	Soil/Woody litter	
<i>Mycena tenerrima</i>	Frosty Bonnet	Dead Twig	
<i>Mycosphaerella punctiformis</i>		Dead Leaf	Quercus
<i>Neosetophoma samarorum</i>		Keys	Fraxinus excelsior
<i>Ophiognomonia alni-viridis</i>		Dead Leaf	Alnus glutinosa
<i>Ophiognomonia intermedia</i>		Dead Leaf	Betula
<i>Paecilomyces farinosus</i>		Dead Pupa	
<i>Peniophora lycii</i>	Ashen Crust	Fallen Branch	Fraxinus excelsior
<i>Periconia byssoides</i>		Dead Stem	Urtica dioica
<i>Phacidium lauri</i>		Dead Leaf	Ilex aquifolium
<i>Phlebia tremellosa</i>	Jelly Rot	Dead Branch	Betula
<i>Phloeomana speirea</i>	Bark Bonnet	Dead Twig	
<i>Phoma leguminum</i>		Dead Pod	Cytisus scoparius
<i>Phragmidium violaceum</i>	Violet Bramble Rust	Live Leaf	Rubus fruticosus agg.

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<i>Physisporinus sanguinolentus</i>	Bleeding Porecrust	Rotten Log	
<i>Plectosphaerella alismatis</i>		Fading Leaf	Alisma plantago-aquatica
<i>Pluteus cervinus</i>	Deer Shield	Dead Log	Betula
<i>Pluteus podospileus</i>		Dead Wood	
<i>Pluteus salicinus</i>	Willow Shield	Dead Log	
<i>Podosphaera senecionis</i>		Live Leaf	Senecio vulgaris
<i>Polyporus tuberaster</i>	Tuberous Polypore	Dead Branch	Corylus avellana
<i>Postia tephroleuca</i>	Greyling Bracket	Dead Branch	Betula
<i>Psathyrella candolleana</i>	Pale Brittlestem	Rotten Log	
<i>Pterulicium gracile</i>		Dead Stem	Juncus
<i>Puccinia coronata</i>		Live Leaf	Dactylis glomerata
<i>Puccinia lagenophorae</i>	Daisy Rust	Live Leaf	Senecio vulgaris
<i>Puccinia polygoni-amphibii</i>		Live Leaf	Persicaria amphibia
<i>Puccinia pygmaea</i>		Live Leaf	Calamagrostis canescens
<i>Pyrenopeziza digitalina</i>		Dead Stem	Digitalis purpurea
<i>Ramularia cynarae</i>		Live Leaf	Cirsium arvense
<i>Ramularia</i>		Live Leaf	Rumex acetosella
<i>Ramularia rubella</i>		Live Leaf	Rumex
<i>Ramularia urticae</i>		Live Leaf	Urtica dioica
<i>Resinomyцена saccharifera</i>		Dead Stem	Juncus
<i>Reticularia intermedia</i>		Dead Wood	
<i>Reticularia lycoperdon</i>	False Puffball	Dead Trunk	Betula
<i>Rhopographus filicinus</i>	Bracken Map	Dead Stem	Pteridium aquilinum
<i>Rickenella fibula</i>	Orange Moss-cap	Moss	Bryophyta
<i>Rosellinia franciscae</i>		Dead Stem	Phragmites australis

SCIENTIFIC NAME	COMMON NAME	SUBSTRATE	ASSOCIATED ORGANISM
<i>Russula ochroleuca</i>	Ochre Brittlegill	Soil/Woody litter	Betula
<i>Scirrhia rimosa</i>		Dead Stem	Phragmites australis
<i>Scleroderma citrinum</i>	Common Earthball	Soil	
<i>Septoria hydrocotyles</i>		Live Leaf	Hydrocotyle vulgaris
<i>Septoria sii</i>		Live Leaf	Berula erecta
<i>Taphrina betulina</i>	Birch Besom	Live Leaf	Betula
<i>Tracya hydrocharidis</i>	Frogbit Smut	Live Leaf	Hydrocharis morsus-ranae
<i>Trichoderma pulvinatum</i>	Ochre Cushion	Fruitbody	Fomitopsis betulina
<i>Trichoderma viride</i>		Dead Branch	Quercus
<i>Trochila ilicina</i>	Holly Speckle	Dead Leaf	Ilex aquifolium
<i>Uromyces junci</i>		Live Stem	Juncus
<i>Uromyces rumicis</i>		Live Leaf	Rumex hydrolapathum
<i>Venturia rumicis</i>		Live Leaf	Rumex
<i>Vialaea insculpta</i>		Drooping Twigs	Ilex aquifolium
<i>Vouauxiella lichenicola</i>		Apothecia	Lecanora hybocarpa
<i>Vuilleminia alni</i>		Dead Branch	Alnus glutinosa
<i>Vuilleminia comedens</i>	Waxy Crust	Dead Branch	Quercus
<i>Xanthoriicola physciae</i>		Thallus	Xanthoria parietina
<i>Xerocomellus cisalpinus</i>	Bluefoot Bolete	Soil	Quercus