

## Fungi

### Tony Leech

The ability of the Norfolk Fungus Study Group to carry out DNA barcoding is reported elsewhere in these Transactions (p xxx). Although this has led to the identification of species new to Norfolk, and in one case new to Britain, (Table 1) it is far from a magic wand and should be considered as an additional tool in the armoury of identification aids, frequently raising more doubts than satisfying them. The additional fungi highlighted below have been identified by the more traditional means of consulting literature and using the microscope. The process is akin to solving a crossword puzzle clue: there is an answer out there; you might get it - and if you do, you will be pleased with yourself.

### Gill fungi and boletes new to Norfolk

Some of these may be new arrivals but others have been waiting for the sharp-eyed field mycologist to take them for critical examination. Successful identification then depends on their featuring in accessible literature as taxonomists attempt to resolve species limits.

**Depauperate Mushroom** *Agaricus depauperatus*. A scarce but widespread scaly-capped mushroom collected by Yvonne Mynett in Pigney's Wood, North Walsham in October.

**Ascot Hat** *Boletus bubalinus*. Recorded in Norwich by James Emerson in October, and a month later by Ian Senior at the University of East Anglia (Fig. 1). The plethora of generic names recently applied to this fungus (*Xerocomus*, *Xerocomellus*, *Hortiboletus*) indicate taxonomic flux. This bolete, with distinctive flesh colours has only recently been recorded in Britain but appears to be becoming commoner.



Figure 1. Ascot Hat. Norwich.

**Ruddy Bolete** *Boletus rhodoxanthus*. An even rarer bolete, this time recorded by Ian Senior and James Emerson together (with Jeremy and Vanna Bartlett) at Booton Common (Fig. 2). This species, too, has been subject to a recent name change, to *Rubroboletus rhodoxanthus* although this still has to be widely accepted. The only

Table 1. Fungi new to Norfolk confirmed by DNA Barcoding in 2022.

Species	Recorder	Place	Finder
<i>Coprinellus (Tulosesus) velatopruinatus</i>	Tony Leech	Bayfield	Anne Harrap
<i>Cortinarius epipurrus</i>	Tony Leech	Little Plumstead	Jodie Humphrey
<i>Cortinarius hirtus</i>	Tony Leech	Briston	Donna Welch
<i>Entoloma ventricosum</i>	Yvonne Mynett	Alderfen Broad	Yvonne Mynett
<i>Psathyrella lutensis</i>	Yvonne Mynett	?	
<i>Psathyrella tenuicula</i>	Yvonne Mynett	Broadland Country Park	Mark Joy
<i>Tarzetta alnicola</i>	Yvonne Mynett	Trinity Broad, Rollesby	Yvonne Mynett



Figure 2. Ruddy Bolete. Booton Common. Photographer

previous United Kingdom record appears to be from Northern Ireland in 2009.

**Midden Inkcap** *Coprinus sterquilinus*. One of the larger and less common inkcaps on dung. Recorded by Jenny Kelly on horse dung on East Winch Common in September.

**Crimson Webcap** *Cortinarius puniceus*. This rarely-recorded species is indistinguishable in the field from the much more widespread Bloodred Webcap *C. sanguineus* but is easily distinguished as it occurs under oak rather than pine (Fig. 3). Found by Ian Senior at Marsham Heath in October.



Figure 3. Crimson Webcap. Marsham Heath. Ian Senior.

**Scaly Oysterling** *Crepidotus calolepis*. The status of this small hairy oysterling has

recently been raised from a subspecies of the Peeling Oysterling *C. mollis* to a species in its own right. Found by James Emerson at Foxley Wood.

*Crepidotus subverrucisporus*. Finding this scarce fungus in Norfolk raises to five the number of superficially identical small pale oysterlings in the county which can only be separated by their clearcut microscopic characteristics (Fig. 4). Collected separately by Anne Crotty and Steve Judd on dead willow at Watermill Broad, Cranwich.



Figure 4. *Crepidotus subverrucisporus*. Cranwich. Tony Leech.

**Star Pinkgill** *Entoloma conferendum* var. *pusillum*. *E. conferendum* is a common species on soil in grassland. The variety is smaller and much less widely recorded in Britain. Its taxonomic status is still in doubt – it may be a species in its own right. Found by Yvonne Mynett at Broadland Country Park.

*Entoloma scabrosum*. A small brown pinkgill with only four British records. Found At Earlham Cemetery, Norwich, by Ian Senior and identified by Yvonne Mynett.

*Pholiota limonella*. This beautiful fungus is separated with difficulty from more widely recorded species (e.g. Golden Scalycap *P. aurivella*) and so may be more widespread. Collected from birch at Ingoldisthorpe Common by Jenny Kelly.



**Figure 5.**  
*Pholiota limonella.*  
Ingodisthorpe  
Common. Jenny  
Kelly.

### Rare deadwood coral

Some fungi are truly iconic – images are known to most mycologists but very few will have seen them. Candelabra Coral *Artomyces pyxidatus* (formerly known as *Clavicornia pyxidata*) is one of these. Although similar to a number of pale coral fungi, its whorled branching, most noticeable at the apex of each spindle, should allow instant identification. In 2012, Neil Mahler found in Suffolk the first specimen reliably recorded in Britain for over 100 years (Henrici & Mahler, 2014). On



**Figure 6.** Candelabra Coral. Ketteringham. Mike Ball.

the last day of 2022, Anne Crotty (with Mike Ball) found the fungus on dead wood at Ladybelt Country Park, Ketteringham (Fig. 6). This was actually the third recent British record as Vicky Rusby had found it earlier that year at another site in Suffolk.

### Stubby grey fingers

Fungi of the genus *Xylaria* will be familiar to many. They are predominantly black ascomycetes with upright fruiting bodies in which are embedded (in the sexual forms) spore-producing chambers. The most familiar is Candlesnuff Fungus *Xylaria hypoxylon* but the well-named Dead Man's Fingers *Xylaria polymorpha* and its more delicate relative Dead Moll's Fingers *Xylaria longipes* are also widespread; a number of other British species are less so. When Irene Boston posted a photograph of a white-streaked black fungus on a Gorse stump at Dersingham Fen, James Emerson suggested that it might be *Xylaria cinerea*, a species with few British records, all recent (Fig. 7). This was subsequently confirmed.

Remarkably, a few days later, Rob Stephens found *X. cinerea* on a Holm Oak stump at Holkham and Ranger Andy Bloomfield subsequently reported that it occurred there widely on stumps where trees had been cut three years previously but not on one-year old stumps. In a matter of weeks, taking us into 2023, Irene, with Ash Murray, had



**Figure 7.** *Xylaria cinerea.* Holkham. Irene Boston. Inset. Andy Bloomfield.



found it at East Winch Common, also on a Gorse stump, and Keith Fox recorded the fungus at Walsey Hills.

This rush of sightings of a hitherto rare fungus appears to have been mirrored across southern Britain (Henrici, 2023). Having been reported only from Somerset, Belfast, West Cork, Bangor and Pembrokeshire in the last decade, Kent, Dorset, Isle of Wight and Anglesey were added in 2022. Virtually all of these sites were no more than a few miles from the sea.

The white streaks are aggregations of conidia (asexual spores). For Candlesnuff Fungus, the asexual form is common and the sexual form scarce; in Dead Man's Fingers the reverse is true but early in the year conidia-bearing forms appear from which the greyish conidia wash off to reveal pink 'finger tips' (Fig. 8).



Figure 8. Dead Man's Fingers, asexual form (anamorph) Sheringham Park, 2016. Keith Zealand.

## Jelly on jelly

Jelly fungi such as Witches' Butter and Yellow Brain Fungus will be familiar to many naturalists. As well as possessing gelatinous fruiting bodies, the group is defined by microscopic features of their basidia but despite this it is now considered that jelly fungi include several independently evolved lineages. Their structures are very diverse, including spindle-like (e.g. Yellow Stag's-horn), bracket-like (e.g. Jelly Ear) and

crust-like forms, and there are many British species. A significant number of these are parasitic on other fungi (some internally) and one striking example surprised members of the Norfolk Fungus Study Group on a recording foray at Foxley Wood in January. *Heteromycophaga glandulosae* forms large whitish spots on Witches' Butter *Exidia glandulosa* (Fig. 9). That there only a dozen or so records for this distinctive species on the national database suggests that it is genuinely rare.



Figure 9. *Heteromycophaga glandulosae* on Witches' Butter. Foxley Wood. Mark Joy.

## Discos on dung

Mark Joy, a recent convert to the pleasures of examining coprophilous fungi, has added two more to the recent Norfolk list, *Ascobolus roseopurpurascens* and *Saccobolus versicolor*. Both of these genera produce large purple-black spores in asci



Figure 10. *Ascobolus roseopurpurascens* on cow dung. Royden Common. Mark Joy.



**Figure 11. *Saccobolus versicolor* on deer dung. Foxley Wood. Mark Joy.**

that protrude from the surface of the fungus. In *Saccobolus*, the eight spores in each ascus remain stuck together when shot away. This may be an adaptation to increase the distance they travel clear of the dung. Wind dispersal is less important for dung fungi as they rely on herbivores ingesting the spores and doing the dispersal for them. Although *Ascobolus* spores adhere more loosely, it is probable that they, too, are ejected as a mass.

*A. roseopurpurascens*, found on cow dung at Roydon Common, is an uncommon species but *S. versicolor*, on deer dung at Foxley Wood, is widely recorded and is not new to the county as it was recorded from Stratton Strawless in 1926.

## Fungi on lichens

In addition to being part of lichen symbioses, many species of fungi parasitise the partnership. Few of these lichenicolous fungi are recorded on the Norfolk Mycota\* as it takes an eye familiar with the surface features of healthy lichens to detect them. However, in the past year or so, County Lichen Recorder Rob Yaxley, Stewart Wright and others have started to search for these fungi (Table 2). A total of 20 already recorded from Norfolk appear on the database of the British Lichen Society; these have been extracted by Rob will be added to the Norfolk Mycota. A further four species have been more widely recorded by Norfolk mycologists (*Erythricium aurantiacum*, *Illosporiosis christiansenii*, *Marchandiomyces corallinus*, *Xanthoriicola physciae*). This makes a total of 36 species known to have occurred in Norfolk, only a fraction of the 403 British species of lichenicolous fungi noted by Hawksworth (2003).

## First Norfolk records of other micro-fungi

Microfungi is an informal designation here used to describe fungi, details of which are not readily distinguished by the naked eye.

**Table 2. Lichenicolous fungi new to Norfolk in 2022.**

Species	Date	Place	Lichen host	Recorder
<i>Arthonia epiphyscia</i>	24/11/2022	Barton Turf	<i>Physcia tenella</i>	S. Wright
<i>Didymocyrtis slaptoniensis</i>	21/05/2022	Thompson Common	<i>Xanthoria parietina</i>	S. Wright
<i>Homostegia pigottii</i>	26/08/2022	Hoveton Hall	<i>Parmelia sulcata</i>	S. Wright
<i>Lichenocodium pyxidatae</i>	19/11/2022	Great Yarmouth, North Denes	<i>Cladonia rangiformis</i>	S. Wright
<i>Nectriopsis parmeliae</i>	15/01/2022	Foxley Wood	<i>Parmelia sulcata</i>	S. Wright
<i>Nesolechia oxyspora</i>	05/09/2022	Hoveton Hall	<i>Hypogymnia tubulosa</i>	S. Wright
<i>Opegrapha physciaria</i>	05/09/2022	Hoveton Hall	<i>Xanthoria parietina</i>	S. Wright
<i>Polycoccum peltigerae</i>	03/09/2022	East Wretham Heath	<i>Peltigera canina</i>	S. Wright
<i>Pronectria oligospora</i>	16/10/2022	Blofield, Marty's Marsh	<i>Punctelia subrudecta</i>	M. Ball
<i>Pronectria xanthoriae</i>	15/05/2022	Wayland Wood, Watton	<i>Xanthoria parietina</i>	S. Wright
<i>Taeniolella phaeophysciae</i>	20/03/2022	Barnham Broom	<i>Phaeophyscia</i>	R. Yaxley
<i>Unguiculariopsis thallophila</i>	03/01/2022	Whitlingham CP & Broad	<i>Lecanora</i>	J. Emerson

Many are the anamorphs (asexual forms) of ascomycetes and some (Oomycetes) are not fungi at all. Most produce spots or dots on living or dead plant material; others appear as a white 'mould'. They are grouped here for convenience rather than on a taxonomic basis. As in recent years, it is Stewart Wright who has been responsible for finding, identifying, and in some cases confirming the identification of these fungi. Species thought to be new county records are listed in Table 3. Many of the records are from cultivated plants and some species have only recently been distinguished (often as taxonomic splits on different hosts) and

have not yet been officially recognised as British (at least under this name).

### Acknowledgements

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### References

- Hawksworth, D.L. 2003. The lichenicolous fungi of Great Britain and Ireland: an overview and annotated checklist. *Lichenologist*. 35(3): 191-232.
- Henrici, A. & Mahler, N. 2014. *Arctomyces pyxidatus* re-found in Britain. *Field Mycology* 14(1): 31-32.
- Henrici, A. 2023. Notes and records. *Field Mycology*.

**Table 3 Other microfungi new to Norfolk in 2022.**

Species	Date	Place	Substrate	Recorder
<i>Alternaria saponariae</i>	18/11/2022	Hoveton Hall	Living leaf <i>Saponaria officinalis</i>	S. Wright
<i>Alternaria solani</i>	01/07/2022	Ashmanhaugh	Living leaf <i>Solanum tuberosum</i>	S. Wright
<i>Amphisphaeria multipunctata</i>	27/07/2022	Barton Turf	Dead twig <i>Quercus robur</i>	S. Wright
<i>Anthostomella limitata</i>	26/03/2022	Repps-with-Bastwick	Dead stem <i>Typha latifolia</i>	S. Wright
<i>Apiognomonina hystrix</i>	16/10/2022	Blofield, Marty's Marsh	Dead twig <i>Acer pseudoplatanus</i>	S. Wright
<i>Ascochyta garryae</i>	23/02/2022	Hoveton Hall	Living leaf <i>Garrya elliptica</i>	S. Wright
<i>Ascochyta metulispora</i>	23/07/2022	Flitcham	Living leaf <i>Fraxinus excelsior</i>	S. Wright
<i>Aulographum hederiae</i>	15/01/2022	Foxley Wood	Dead leaf <i>Ilex aquifolium</i>	S. Wright
<i>Bactrodesmium pallidum</i>	01/02/2022	Hoveton Hall	Bark <i>Quercus robur</i>	S. Wright
<i>Barrmaelia oxyacanthae</i>	05/12/2022	Hoveton Hall	Dead branch <i>Ulmus</i> sp.	S. Wright
<i>Blennoria buxi</i>	01/04/2022	Hoveton Hall	Dead leaf <i>Buxus sempervirens</i>	S. Wright
<i>Blumeriella kerriae</i>	31/07/2022	Norwich city	Stem <i>Kerria japonica</i>	J. Bartlett
<i>Bryoscyphus dicrani</i>	19/11/2022	Gt. Yarmouth, N. Denes	Moss	A. Crotty
<i>Capnodium citri</i>	21/03/2022	Hoveton Hall	Living leaf <i>Citrus limon</i>	S. Wright
<i>Cercospora nasturtii</i>	16/10/2022	Blofield, Marty's Marsh	Living leaf <i>Rorippa nasturtium-aquaticum</i>	S. Wright
<i>Cercospora zonata</i>	01/07/2022	Ashmanhaugh	Living leaf <i>Vicia faba</i>	S. Wright
<i>Ceuthospora mahoniae</i>	26/03/2022	Repps-with-Bastwick	Dead leaf	S. Wright
<i>Colletotrichum lindemuthianum</i>	29/07/2015	Norwich, Bluebell Allotments (North)	Leaf <i>Phaseolus coccineus</i>	J. Bartlett
<i>Cribraria intricata</i>	16/04/2022	Alderfen Broad	Decaying wood <i>Alnus glutinosa</i>	S. Wright
<i>Dendrothele commixta</i>	17/09/2022	Horsford, Broadland C.P.	Trunk <i>Quercus robur</i>	S. Wright
<i>Dennisiella babingtonii</i>	10/01/2022	Hoveton Hall	Living leaf <i>Pseudosasa japonica</i>	S. Wright
<i>Diaporthe chaillatii</i>	26/11/2022	Repps-with-Bastwick	Dead stem <i>Atropa belladonna</i>	S. Wright
<i>Diaporthe viticola</i>	02/12/2022	Hoveton Hall	Dead stem <i>Vitis vinifera</i>	S. Wright
<i>Diaporthopsis sepium</i>	18/11/2022	Hoveton Hall	Dead stem <i>Calystegia sepium</i>	S. Wright
<i>Elsinoe quercus-ilicis</i>	17/03/2022	Repps-with-Bastwick	Living leaf <i>Quercus ilex</i>	S. Wright
<i>Elsinoe rosarum</i>	04/01/2022	Hoveton Hall	Living leaf <i>Rosa</i> sp.	S. Wright
<i>Entyloma eryngii-maritimi</i>	19/11/2022	Gt. Yarmouth, N. Denes	Living leaf <i>Eryngium maritimum</i>	S. Wright
<i>Entyloma hieracii</i>	16/04/2022	Neatishead, Threehammer Common	Living leaf <i>Pilosella officinarum</i>	S. Wright

Species	Date	Place	Substrate	Recorder
<i>Erysiphe betae</i>	08/09/2022	Titchwell RSPB	Living leaf <i>Beta vulgaris</i> ssp. <i>maritima</i>	J. Kelly
<i>Erysiphe ornata</i> var. <i>europaea</i>	03/09/2022	East Wretham Heath	Living leaf <i>Betula pendula</i>	S. Wright
<i>Erysiphe shini</i>	20/09/2022	Hoveton Hall	Living leaf <i>Thermopsis lanceolata</i>	S. Wright
<i>Eutypella stellulata</i>	05/12/2022	Hoveton Hall	Dead branch <i>Ulmus</i> sp.	S. Wright
<i>Flammocладиella decora</i>	14/11/2022	Foxley Wood	Ascomata <i>Massaria gigantispora</i>	S. Wright
<i>Gnomonia tetraspora</i>	01/12/2022	Repps-with-Bastwick	Dead stem <i>Euphorbia amygdaloides</i>	S. Wright
<i>Golovinomyces latisporus</i>	21/09/2022	Wayford	Living leaf <i>Helianthus annuus</i>	S. Wright
<i>Hyaloperonospora lunariae</i>	25/06/2022	Repps-with-Bastwick	Living leaf <i>Lunaria rediviva</i>	S. Wright
<i>Hyaloperonospora sisymbrii-loeselii</i>	24/09/2022	Burnham Deepdale	Living leaf <i>Sisymbrium officinale</i>	I. Senior
<i>Hymenoscyphus lutescens</i>	04/12/2022	West Newton	Cone <i>Pinus sylvestris</i>	J. Kelly
<i>Hysterobrevium smilacis</i>	21/05/2022	Thompson Common	Dead stem <i>Rubus fruticosus</i> agg.	S. Wright
<i>Leptopeltis litigiosa</i>	15/01/2022	Foxley Wood	Dead stem <i>Pteridium aquilinum</i>	S. Wright
<i>Leptopeltis pteridis</i>	15/01/2022	Foxley Wood	Dead stem <i>Pteridium aquilinum</i>	S. Wright
<i>Lichenopeltella ammophilae</i>	19/11/2022	Gt. Yarmouth, N. Denes	Dead stem <i>Ammophila arenaria</i>	S. Wright
<i>Lophiostoma clematidis-vitalbae</i>	11/05/2022	Repps-with-Bastwick	Dead stem <i>Clematis vitalba</i>	S. Wright
<i>Lophiostoma compressum</i>	09/03/2022	Wheatfen, Surlingham	Dead wood <i>Populus tremula</i>	S. Wright
<i>Massaria gigantispora</i>	14/11/2022	Foxley Wood	Dead branch <i>Acer campestre</i>	S. Wright
<i>Massaria inquinans</i>	21/11/2022	Hoveton Hall	Dead branch <i>Acer pseudoplatanus</i>	S. Wright
<i>Microthyrium fagi</i>	03/04/2022	Southrepps Common	Dead leaf <i>Fagus sylvatica</i>	S. Wright
<i>Microthyrium macrosporum</i>	01/04/2022	Hoveton Hall	Dead leaf <i>Buxus sempervirens</i>	S. Wright
<i>Mucor piriformis</i>	01/10/2022	Hoveton Hall	Fruit <i>Malus domestica</i>	S. Wright
<i>Mycosphaerella aspidii</i>	09/03/2022	Wheatfen, Surlingham	Dead frond <i>Dryopteris filix-mas</i>	S. Wright
<i>Nemania aenea</i> var. <i>macrospora</i>	03/09/2022	East Wretham Heath	Decorticated wood <i>Crataegus monogyna</i>	T. Leech
<i>Nemania aenea</i> var. <i>macrospora</i>	03/09/2022	East Wretham Heath	Dead twig <i>Quercus robur</i>	T. Leech
<i>Niesslia ilicifolia</i>	30/01/2022	Repps-with-Bastwick	Dead leaf <i>Ilex aquifolium</i>	S. Wright
<i>Ophiognomonia ischnostyla</i>	05/03/2022	North Walsham, Pigney's Wood	Dead leaf <i>Corylus avellana</i>	S. Wright
<i>Paranectria oropensis</i>	20/03/2022	Barnham Broom	Living wood <i>Fraxinus</i>	R. Yaxley
<i>Penicillium expansum</i>	10/11/2022	Coltishall	Fruit <i>Malus</i>	S. Wright
<i>Peronospora arenariae</i>	21/05/2022	Thompson Common	Living leaf <i>Moehringia trinervia</i>	S. Wright
<i>Peronospora hiemalis</i>	05/05/2022	Ashmanhaugh	Living leaf <i>Ranunculus acris</i>	S. Wright
<i>Peronospora stachydis</i>	13/10/2022	Barton Turf	Living leaf <i>Stachys sylvatica</i>	S. Wright
<i>Phacellium episphaerium</i>	24/09/2022	Horsford, Broadland Country Park	Living leaf <i>Stellaria holostea</i>	S. Wright
<i>Phaeohelotium subcarneum</i>	17/09/2022	Horsford, Broadland C.P.	Decorticated wood	T. Leech
<i>Phaeophleospora phormii</i>	22/04/2022	Hoveton Hall	Living leaf <i>Phormium tenax</i>	S. Wright
<i>Phoma leguminum</i>	13/02/2022	East Ruston Poor Allotments	Seed pod <i>Cytisus scoparius</i>	S. Wright
<i>Phoma spiraeae</i>	21/11/2022	Hoveton Hall	Dead stem <i>Aruncus dioicus</i>	S. Wright
<i>Phoma ulicis</i>	02/02/2022	Winterton Dunes	Dead leaf <i>Ulex europaeus</i>	S. Wright
<i>Phomopsis asparagi</i>	09/02/2022	Hoveton Hall	Dead stem <i>Asparagus officinalis</i>	S. Wright
<i>Phomopsis euphorbiae</i>	01/12/2022	Repps-with-Bastwick	Dead stem <i>Euphorbia amygdaloides</i>	S. Wright
<i>Phomopsis linearis</i>	26/11/2022	Repps-with-Bastwick	Dead stem <i>Solidago canadensis</i>	S. Wright
<i>Phomopsis sedi</i>	19/11/2022	Gt. Yarmouth, N. Denes	Dead stem <i>Sedum spectabile</i>	S. Wright
<i>Phomopsis stellariae</i>	30/11/2022	Ashmanhaugh	Dead stem <i>Stellaria holostea</i>	S. Wright

Species	Date	Place	Substrate	Recorder
<i>Phyllosticta arbuti</i>	26/03/2022	Repps-with-Bastwick	Dead leaf <i>Arbutus unedo</i>	S. Wright
<i>Phyllosticta berberidis</i>	11/02/2022	Hoveton Hall	Living leaf <i>Berberis julianae</i>	S. Wright
<i>Phyllosticta cruenta</i>	07/08/2022	Repps-with-Bastwick	Living leaf <i>Polygonatum multiflorum</i>	S. Wright
<i>Phyllosticta tineae</i>	10/01/2022	Hoveton Hall	Living leaf <i>Viburnum tinus</i>	S. Wright
<i>Plagiostoma geranii</i>	28/11/2022	Hoveton Hall	Dead stem <i>Geranium sanguineum</i>	S. Wright
<i>Pleospora phaeocomoides</i>	05/03/2022	North Walsham, Pigney's Wood	Dead stem <i>Galium aparine</i>	A. Beaumont
<i>Pleospora vitalbae</i>	04/05/2022	Repps-with-Bastwick	Dead stem <i>Clematis vitalba</i>	S. Wright
<i>Podospora excentrica</i>	31/05/2022	Holt Lowes	Rabbit dung	T. Leech
<i>Pseudocercospora opuli</i>	02/10/2022	Cranwich, Watermill Broad pits	Living leaf <i>Viburnum opulus</i>	S. Wright
<i>Pseudographis pinicola</i>	03/04/2022	Southrepps Common	Fallen cone <i>Pinus sylvestris</i>	S. Wright
<i>Pseudonectria buxi</i>	22/10/2022	Gressenhall Rural Life Museum	Dead leaf <i>Buxus sempervirens</i>	S. Wright
<i>Pseudoseptoria donacis</i>	17/09/2022	Horsford, Broadland C.P.	Living leaf <i>Brachypodium sylvaticum</i>	S. Wright
<i>Pustula obtusata s. lat.</i>	19/11/2022	Gt. Yarmouth, N. Denes	Living leaf <i>Senecio squalidus</i>	S. Wright
<i>Ramularia alnicola</i>	10/07/2022	Wheatfen, Surlingham	Living leaf <i>Alnus glutinosa</i>	S. Wright
<i>Ramularia anagallidis</i>	11/07/2022	Wheatfen, Surlingham	Living leaf <i>Veronica anagallis-aquatica</i>	S. Wright
<i>Ramularia arvensis</i>	22/10/2022	Gressenhall Rural Life Museum	Living leaf <i>Potentilla reptans</i>	S. Wright
<i>Ramularia cardamines</i>	20/03/2022	Barnham Broom	Living leaf <i>Cardamine amara</i>	S. Wright
<i>Ramularia cochleariae</i>	19/11/2022	Great Yarmouth, North Denes	Living leaf <i>Cochlearia officinalis</i>	S. Wright
<i>Septoria caricis</i>	20/05/2022	Horsford, Broadland C.P.	Living leaf <i>Carex pendula</i>	S. Wright
<i>Septoria chamaecysti</i>	02/10/2022	Cranwich, Watermill Broad pits	Living leaf <i>Helianthemum nummularium</i>	S. Wright
<i>Septoria cytisi</i>	30/07/2022	Winterton	Living leaf <i>Laburnum</i>	S. Wright
<i>Septoria glaucis</i>	19/11/2022	Great Yarmouth, North Denes	Dying leaf <i>Glaux maritima</i>	S. Wright
<i>Septoria lepidii</i>	09/08/2022	Hoveton Hall	Living leaf <i>Lepidium coronopus</i>	S. Wright
<i>Septoria primulae</i>	05/03/2022	North Walsham, Pigney's Wood	Living leaf <i>Primula vulgaris</i>	S. Wright
<i>Septoria rhododendri</i>	01/02/2022	Hoveton Hall	Living leaf <i>Rhododendron</i>	S. Wright
<i>Sporormiella australis</i>	21/09/2022	East Wretham Heath	Rabbit dung	T. Leech
<i>Stagonospora fuckelii</i>	10/07/2022	Wheatfen, Surlingham	Living leaf <i>Tussilago farfara</i>	S. Wright
<i>Stictis elevata</i>	29/06/2022	Barton Turf	Dead stem <i>Juncus conglomeratus</i>	S. Wright
<i>Stromatoseptoria castaneicola</i>	17/09/2022	Horsford, Broadland C.P.	Living leaf <i>Castanea sativa</i>	S. Wright
<i>Taphrina wiesneri</i>	09/11/2022	Snettisham, Ken Hill Estate	Living wood <i>Prunus</i>	K. Fox
<i>Uromyces chenopodii-fruticosi</i>	21/07/2022	Stiffkey	Living leaf <i>Suaeda vera</i>	B. Douglas
<i>Uromyces galegae</i>	10/10/2022	Hoveton Hall	Living leaf <i>Galega officinalis</i>	S. Wright
<i>Valsaria insitiva</i>	31/12/2022	Ketteringham, Ladybelt Country Park	Dead wood <i>Sambucus nigra</i>	S. Wright
<i>Xenomeris nicholsonii</i>	03/04/2022	Southrepps Common	Living leaf <i>Prunus lusitanica</i>	S. Wright

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