

- Fusicladium dendriticum* (Wallr.) Fckl. C., on *Pyrus Malus*,  
*W. on Pyrus communis*  
*Cercospora Mercurialis* Passer. C.  
*Macrosporium Brassicae* Berk.  
*Stilbella erythrocephala* (Ditm.) Lindau W.  
*Chaetospermum chaetosporum*\* (Pat.) A. L. Sm. & Ramsb. R.  
 (new to Britain).  
*Aegerita candida* (Pers.) Grev. C.

\* For description see p. 328.

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## MYCETOZOA FOUND DURING THE FUNGUS FORAY AT HASLEMERE, SEPT. 23rd—26th, 1913.

By *Gulielma Lister, F.L.S.*

The localities visited during our Foray were: Charlton Woods, Sussex, on southward-facing slopes of the South Downs, where the trees were chiefly beech with a few ashes and an undergrowth of bramble; Woolmer Forest, Hants, consisting of pine and oak plantations with a little holly, and undergrowth of whortleberry and grass, broken by stretches of open peaty ground; Rodborough and Royal Commons, Surrey. The slopes of Rodborough Common are covered with short turf, bracken and heather with scattered clumps of Scotch Fir: we found no Mycetozoa here. On Royal Common and in the strip of woodland through which we passed to reach it the trees were mainly oak with some holly and thorns and with varied undergrowth.

In the accompanying list C. marks species found in the Charlton Woods, W. in Woolmer Forest, and R. on and about Royal Common. The following is the list of the forty-two species obtained:—

- Ceratiomyxa fruticulosa* (Muell.) Macbr. C., W. This is usually a summer species, and is not often found so late as the end of September.
- Physarum nutans* Pers. C., W., R.  
*P. viride* (Bull.) Pers. W. On dead wood.  
*P. cinereum* Link. W., R. On oak leaves.  
*P. virescens* Ditmar. W., R. Found developing on wet moss

- from sulphur-yellow plasmodium, in which stage it is fairly conspicuous; the mature greenish-yellow sporangia are easily overlooked.
- Fuligo septica* (L.) Gmelin. C., W., R. Both the usual yellow aethalia and a small white aethalium were found: the latter closely resembles some forms of *F. cinerea* Morgan, but is distinguished by the paler smaller spores, 7-8 $\mu$  diam.
- Craterium minutum* (Leers) Fries. W., R. On holly leaves.
- Diderma effusum* (Schwein.) Morgan. W., R. On holly leaves.
- D. simplex* (Schröet.) Lister. W. Found on burnt peaty ground, both in mature condition and as bright chestnut-coloured plasmodium. This is the second English gathering of the species, the first having been made in July last on Keighley Moor, Yorks, by Messrs. F. White and Thos. Hebden. The brown clustered sporangia appearing amongst heather on open ground may often escape detection.
- Didymium difforme* (Pers.) Duby. R. Abundant on heaps of decaying plants.
- D. Clavus* (Alb. & Schw.) Rost. W., R. On dead holly leaves.
- D. nigripes* Fries. W. On dead holly leaves.
- D. squamulosum* Fries. W. On dead holly leaves.
- Mucilago spongiosa* (Leysser) Morg. C., W. On open turf and among dead leaves.
- Stemonitis fusca* Roth. C., W., R. On dead wood.
- S. flavogenita* Jahn. C., W. Among dead twigs.
- Comatricha nigra* (Pers.) Schröet. W., R. On dead boughs.
- C. laxa* Rost. W. On fallen pine boughs.
- C. typhoides* (Bull.) Rost. var. *heterospora* Rex. R.
- Enerthenema papillatum* (Pers.) Rost. W. On dead wood.
- Lamproderma scintillans* (Berk. & Br.) Morg. W. On dead holly leaves.
- Cribraria argillacea* Pers. W., R. On pine logs.
- C. aurantiaca* Schrad. W. On pine logs.
- Dictydium cancellatum* (Batsch) Macbr. W. On a pine log.
- Licea flexuosa* Pers. W. On pine stumps, abundant.
- L. pusilla* Schrad. W. Only a single small sporangium was found on a decayed pine log. The only other English locality from which this species has been recorded is Weybridge, Surrey, where it was found in October, 1912.
- Tubifera ferruginosa* Gmel. W. Several large clusters of sporangia were found within the hollow trunk of an oak.
- Lycogala epidendrum* (L.) Fries. C., W., R.

- Trichia affinis* de Bary. C., W. On dead boughs.  
*T. persimilis* Rost. C. On dead wood.  
*T. varia* Pers. C. On logs and fallen wood.  
*T. decipiens* (Pers.) Macbr. C. On logs.  
*T. Botrytis* Pers. C. A handsome form with black sporangia and brownish yellow spores and elaters, on a rotting beech log.  
*Oligonema nitens* (Libert.) Rost. R. Found in some abundance on two oak boughs, lying on dead oak leaves at the bottom of a dry pond near Elstead. In the British Isles this species has been recorded before from Carlisle, Scarborough, Staffordshire, and Grampound, Cornwall. Both *O. nitens* and its near ally *O. flavidum* Peck have been found repeatedly on wood partially submerged in ponds.  
*Hemitrichia clavata* (Pers.) Rost. C. On a beech log.  
*Arcyria ferruginea* Sauter. W. On dead fir log.  
*A. incarnata* Pers. W., R. On fallen oak boughs.  
*A. denudata* (L.) Sheldon. C., W., R. On stumps.  
*A. cinerea* (Bull.) Pers. W. On twigs.  
*A. pomiformis* (Leers) Rost. W. On oak boughs.  
*A. nutans* (Bull.) Grev. C., W. On dead boughs.  
*Perichaena corticalis* (Batsch) Rost. On dead wood.

This list of 42 species of Mycetozoa compares favourably with that of 28 obtained at the previous Fungus Foray at Haslemere in 1905; although the number seems small when contrasted with our wonderful last year's record of 81 species from the Forres district, it has, except for that, been surpassed only by our record of 44 from the Wrexham district in 1910.