

Key to lichenicolous fungi known on *Xanthoria parietina* in the UK.

Spring 2020

Species in bold have a species account available in this volume.

Marchandiomyces corallinus and *Taeniolina scripta* have also been recorded on *Xanthoria parietina* in the UK.

- 1. Large areas of damage associated with cobweb-like fungal growth ***Athelia arachnoidea***
- 1. Pink, coral or orange 'blobs' on, or imbedded in, the surface of the host thallus or fruit 2
- 1. Tiny dark bristles, dark hyphal threads or sooty covering present 3
- 1. Galls present 4
- 1. Black dots present 6

- 2. Shocking pink irregular blobs that appear to dissolve in water ***Illosporiosis christensenii***
- 2. Orange, or coral, slightly irregularly blobs (bulbils) ***Erythricium aurantiacum***
- 2. Pink spherical structures covered in white hairs and with a red spot *Nectriopsis physciicola*
- 2. Orangey spots imbedded in the surface of the thallus or fruit *Pronectria xanthoriae*

- 3. Black, sooty coating mainly on the top of the host fruits ***Xanthoriicola physciae***
- 3. Dark bristles on host fruits (thallus of host often bleached) ***Cladosporium licheniphilum***
- 3. Clusters of dark bristles growing from black dots in or on host thallus or fruit *Pyrenochaeta xanthoriae*
- 3. Fuzzy brown coating on thallus and fruits of host ***Gonatophragmium lichenophilum***

- 4. Galls yellow and flat, often looking like a three-cornered hat ***Telogalla olivieri***
- 4. Galls mounded with immersed black dots 5
 - 5. Spores with two cells *Zwackhiomyces coepulonus*
 - 5. Ascospores single celled ***Telogalla olivieri***

