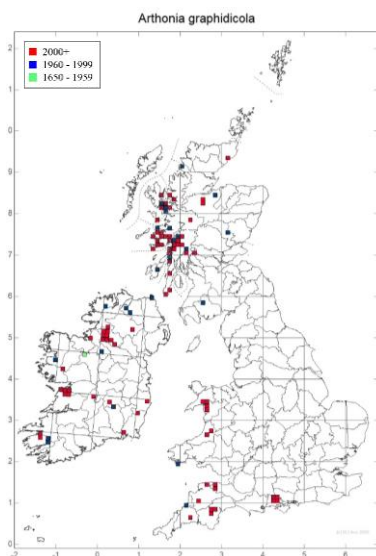


Arthonia graphidicola



Identification: The apothecia of *Arthonia graphidicola* erupt through the thallus of the host. They can be rounded, many-sided or elongated and are much, much smaller than the elongated apothecia of the host. Asci are very broad. They contain eight 3-celled ascospores that are broadest at one end. Pycnidia can occur.

Similar species: *Synarthonia ochracea* can also have 3-celled ascospores with a similar shape but the majority of its ascospores are normally 4-celled. *Synarthonia ochracea* has distinct orange, and UV+ dark orange crystals on the surface of its elongate apothecia.

Habitat: Growing on or through thalli of *Graphis* species.

Distribution: Nationally scarce. Mainly confined to Ireland and the west of the UK.

References: Coppins (1989) *The Lichenologist* **21**: 195-216.

Cannon *et al* (2020) *Revisions of British & Irish Lichens* **1**: Arthoniales: Arthoniaceae.