

Golovinomyces bolayi (anciennement ***G. cichoracearum***) sur ***Cichorium intibus***
09/08/2026 – Steenokkerzeel – Belgium – Fiche conçue et réalisée par Daniel Deschuyteneer



Selon des études récentes et les spécialistes du groupe d'étude "Rusts, Smuts, and other Phytoparasitic Fungi", cette espèce a fait l'objet d'un examen biomoléculaire, et il s'agit en réalité de ***Golovinomyces bolayi***, dont les hôtes principaux sont : la laitue cultivée (*Lactuca sativa*), la laitue scariolle (*Lactuca serriola*) et la chicorée (*Cichorium intibus*).

Sur « Plant parasites of Europe, leafminers, galls and Fungi », nous trouvons la description et les références suivantes pour cette nouvelle espèce :

PARASITE

Mycelium amphigenous, also on stems, thin, forming white patches, evanescent to persistent; appressoria poorly developed to nipple-shaped, solitary. Conidiophores 80–230(–290) µm long (without conidia), basal septum at the junction with the mother hypha or only slightly elevated; foot-cell cylindrical, followed by 1–3(–4) shorter cells. Cleistothecia (only on *Cichorium* and *Lactuca*) amphigenous, diameter usually 80–130 µm; appendages numerous, 0.4–4 x the diameter, arising from the lower half, mycelioid, simple, brown at their base; asci 5–25, two-spored.

HOST PLANTS

[*Abelmoschus*](#) *esculentus*; [*Arabidopsis*](#) *thaliana*; [*Campanula*](#) *rapunculoides*; [*Cichorium*](#) *endivia*, *intybus*, *pumilum*; [*Cucumis*](#) *sativus*; [*Cymbalaria*](#) *muralis*; [*Incarvillea*](#) *mairei*; [*Kalanchoe*](#) *blossfeldiana*; [*Lactuca*](#) *alpina*, *macrophylla*, *muralis*, *peregrina*, *quercina*, *saligna*, *sativa*, *serriola*, *sibirica*, *tatarica*, *tuberosa*, *viminalis*, *virosa*; [*Petunia*](#) x *hybrida*; [*Taraxacum*](#) *officinale*; [*Torenia*](#) *fournieri*.

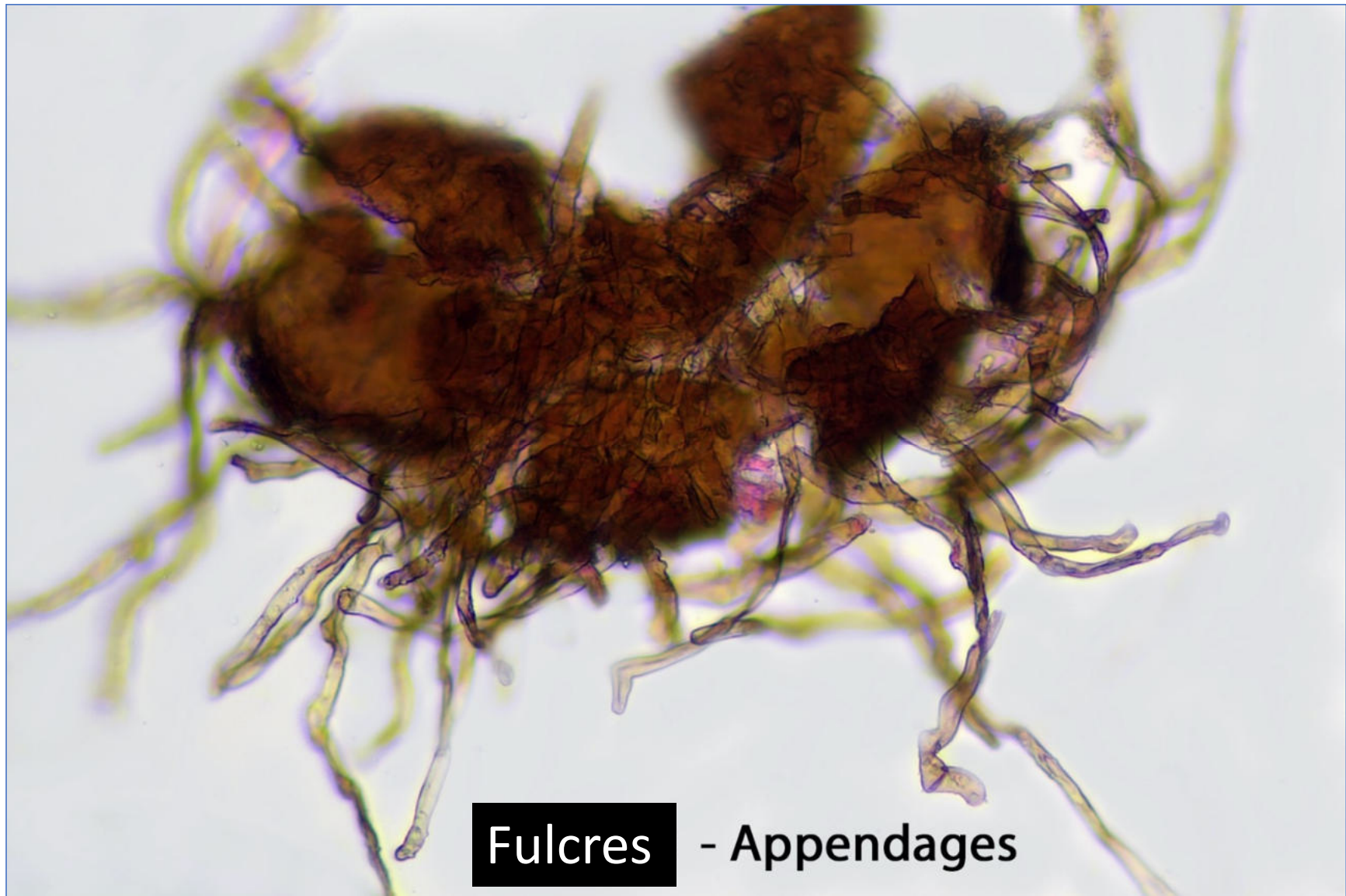
SYNONYMS

Golovinomyces orontii: auctorum (selon les auteurs)

REFERENCES

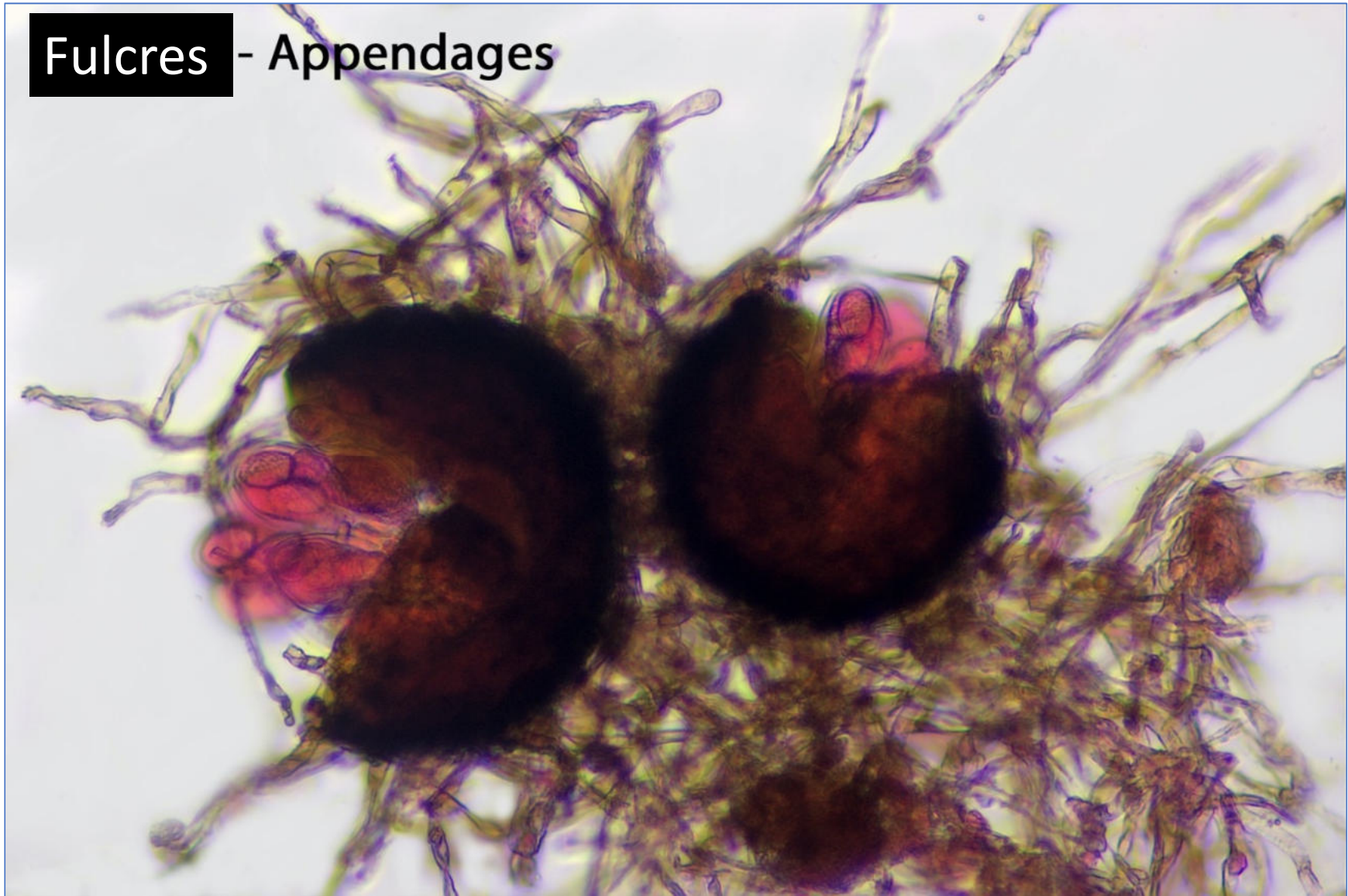
Braun, Shin, Takamatsu ao (2019a), Kruse ao (2022b), Mieslerová, Kitner, Petřeková, ao (2020a), Tahery Ardestani, Akbar Khodaparas, Abbasi Moghaddam, ao (2020a).

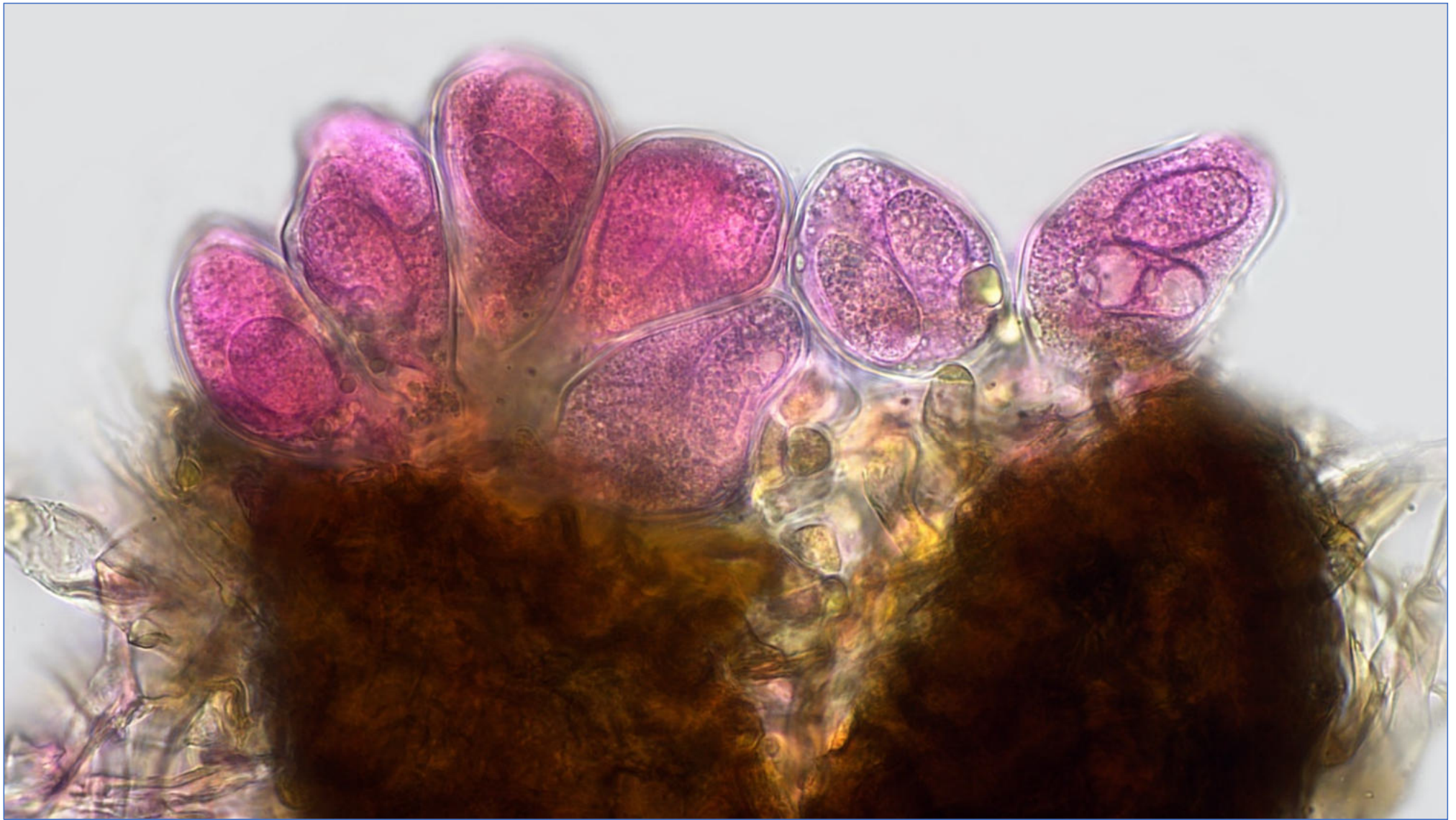




Fulcres - Appendages

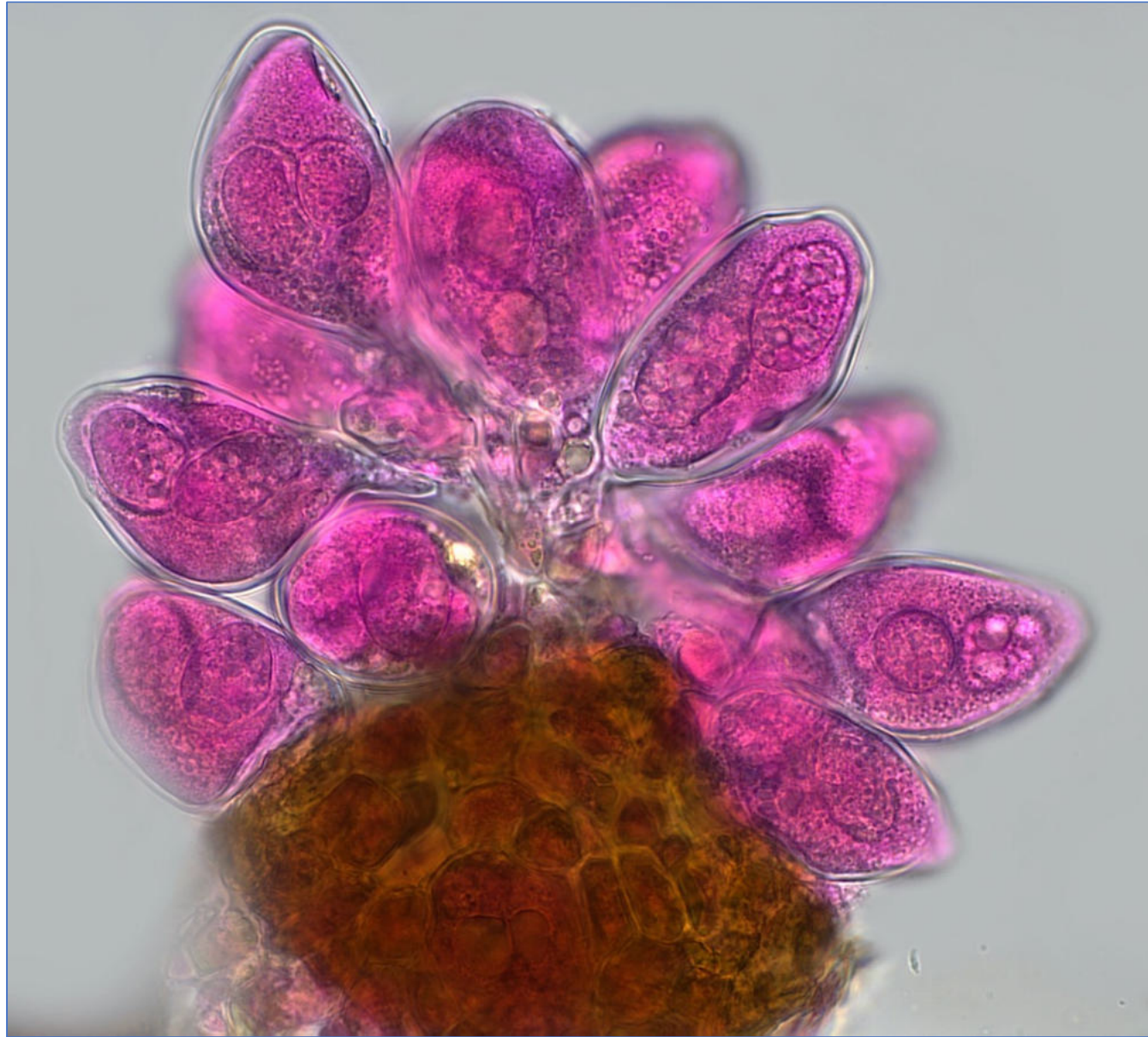
Fulcres - Appendages



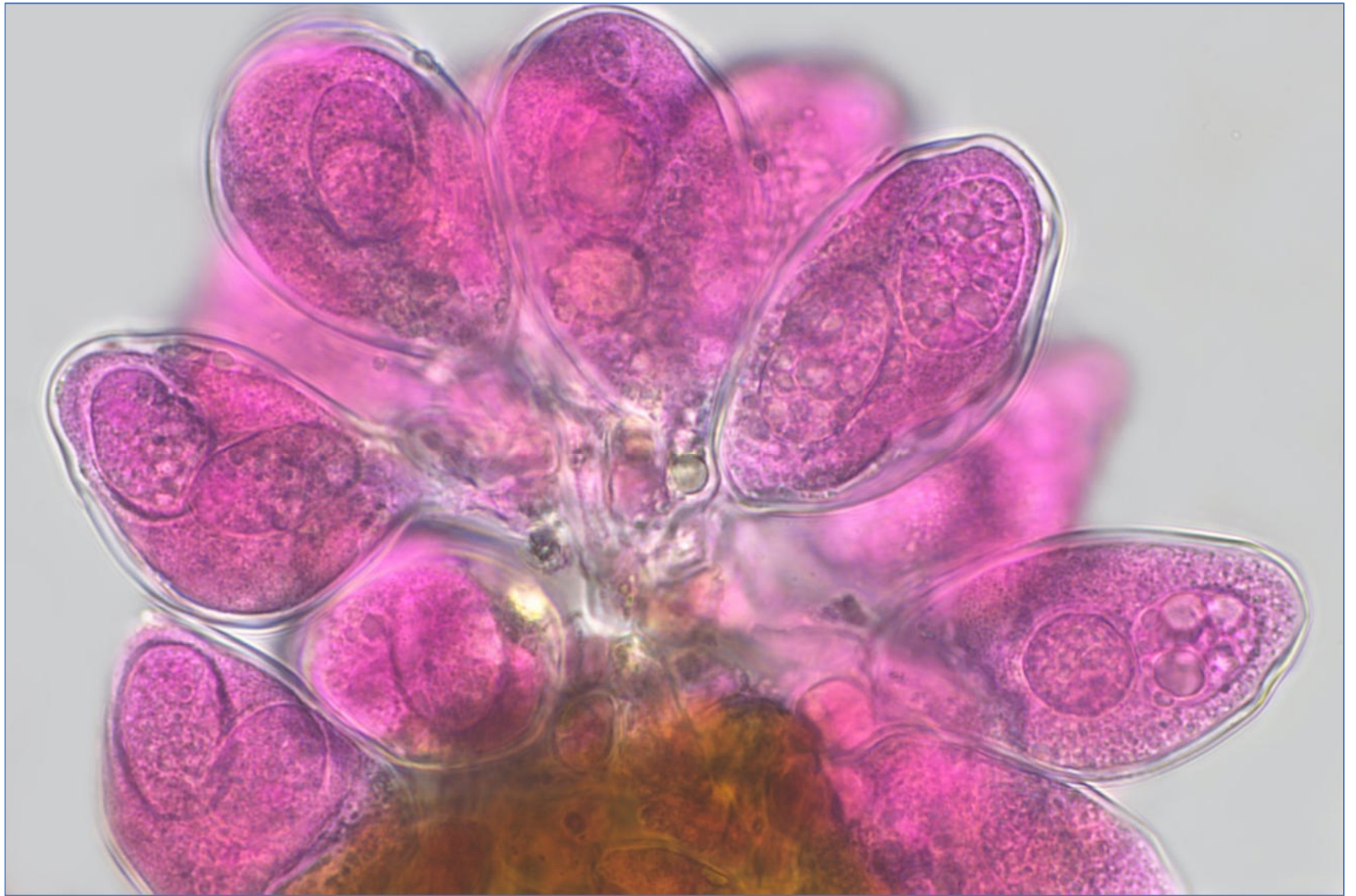


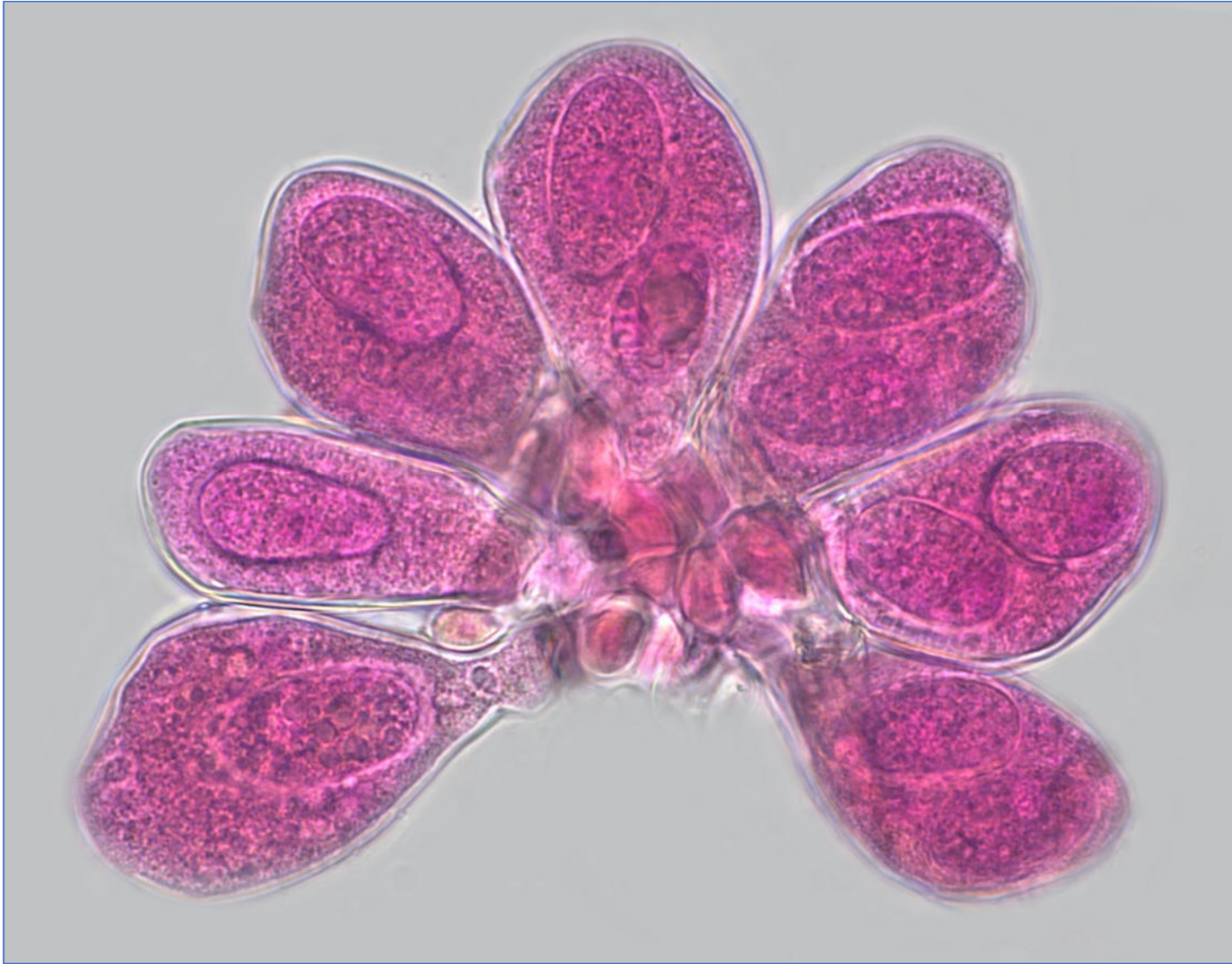
Ascospores numerous, mostly 2-spored

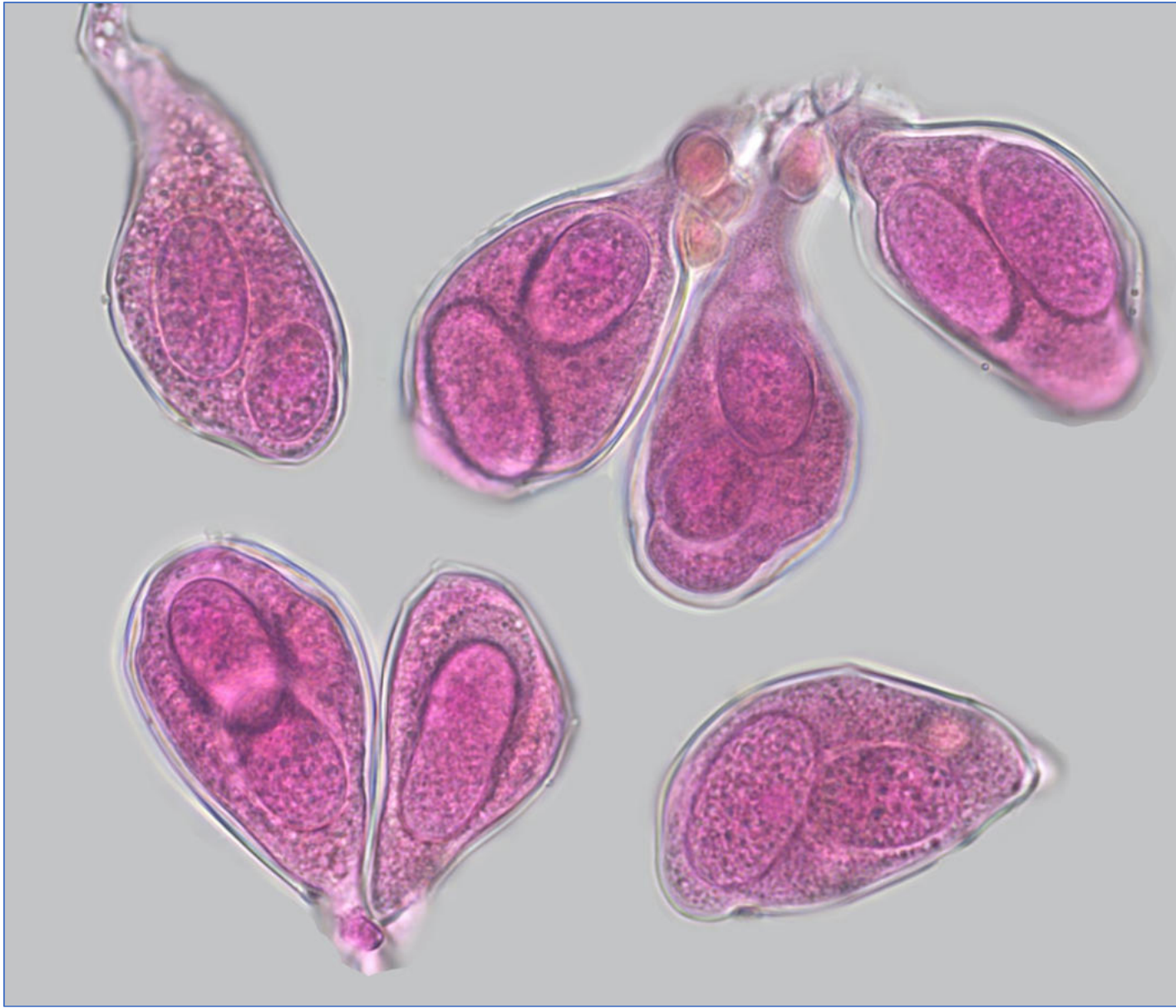


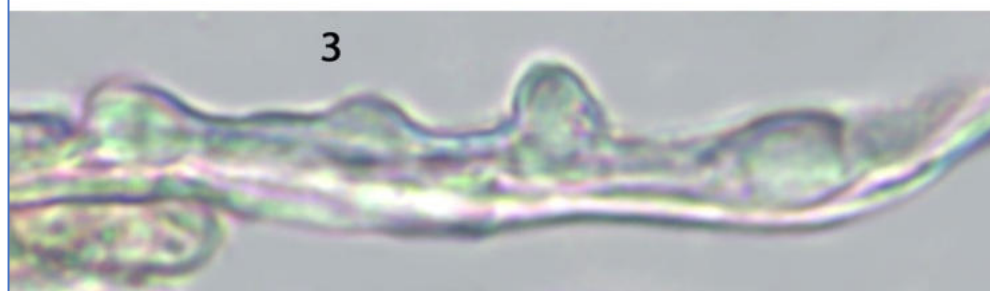
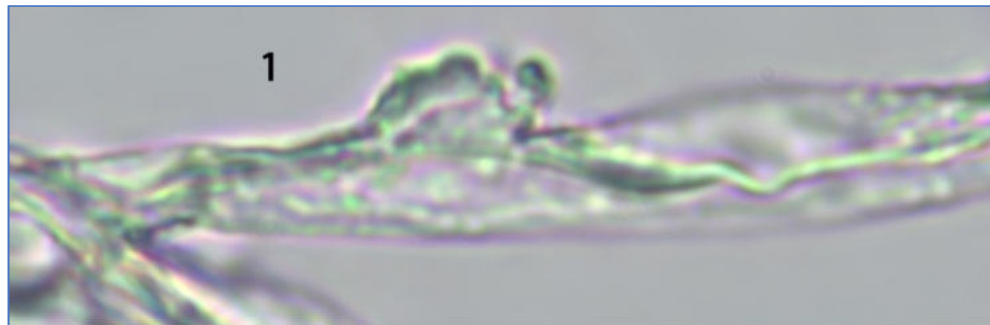












I think photos 1 & 2 accurately represent appressoria, while photo 3 more likely shows young, emerging conidia.