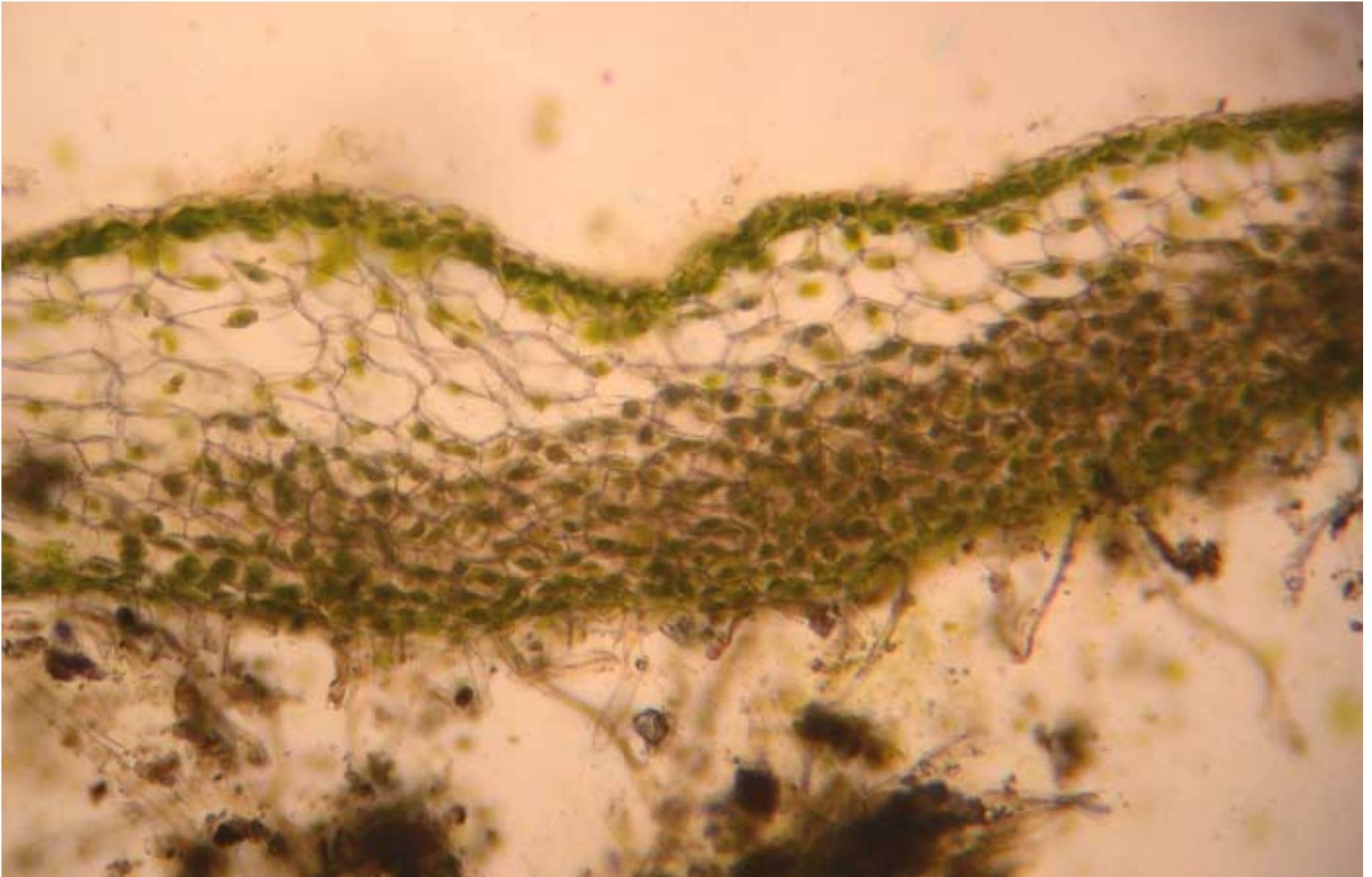


ANTHOCEROTOPHYTA



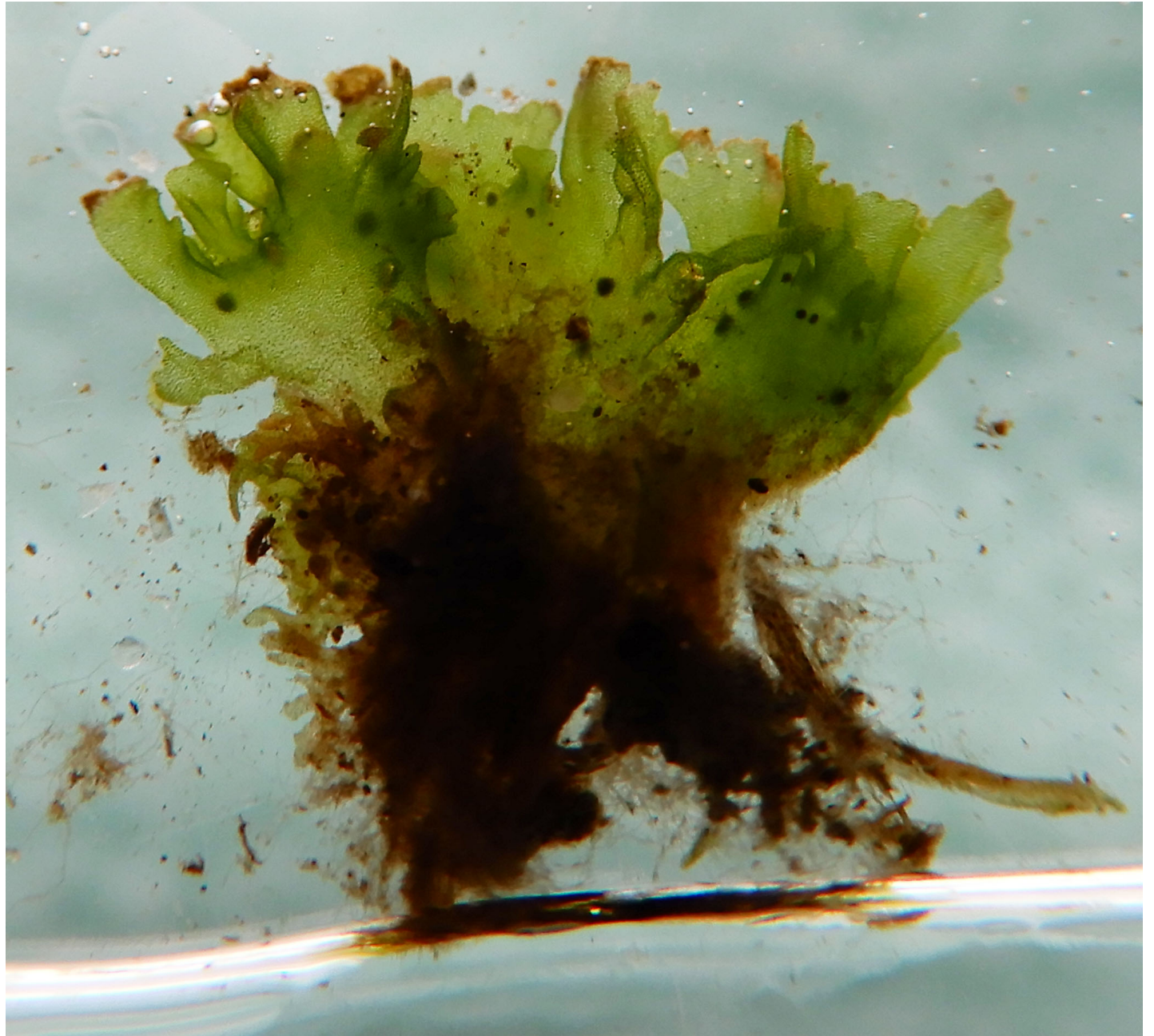
Gametophyte – thallus x.s.



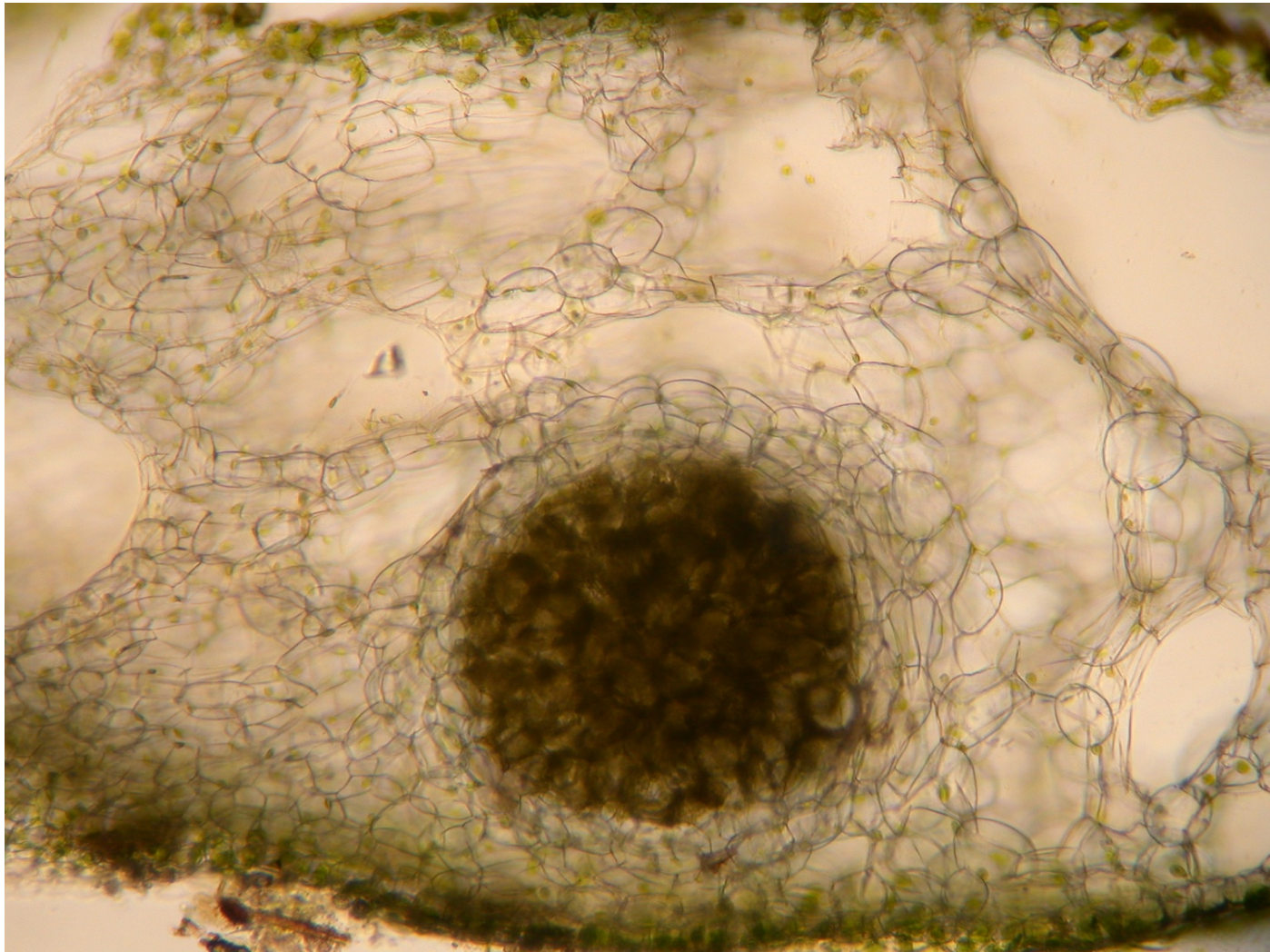
Gametophyte – *Nostoc* in mucilage cavities



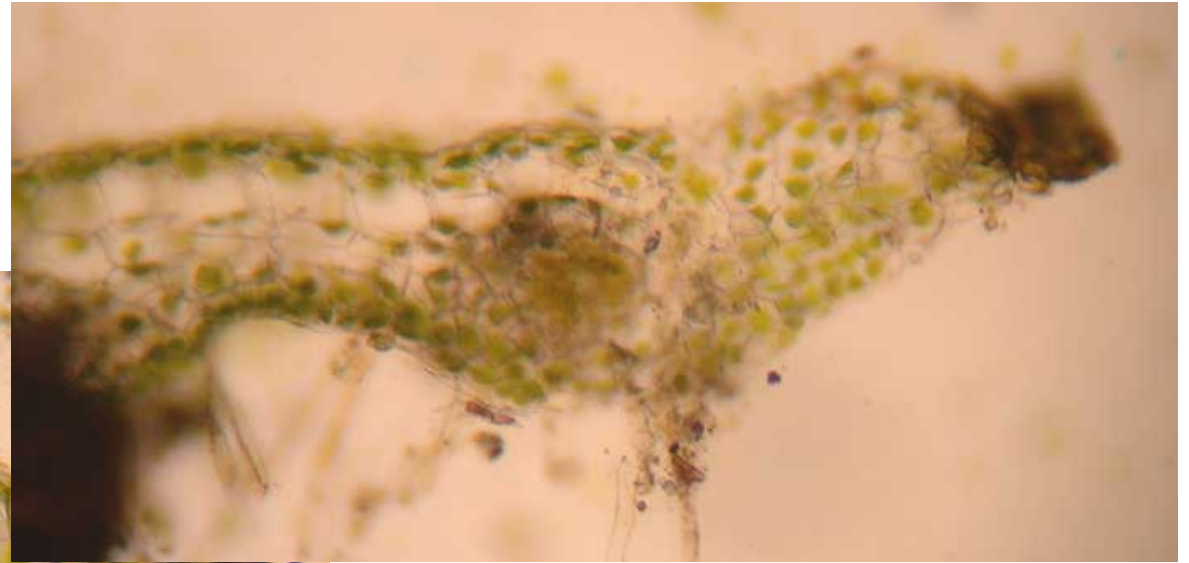
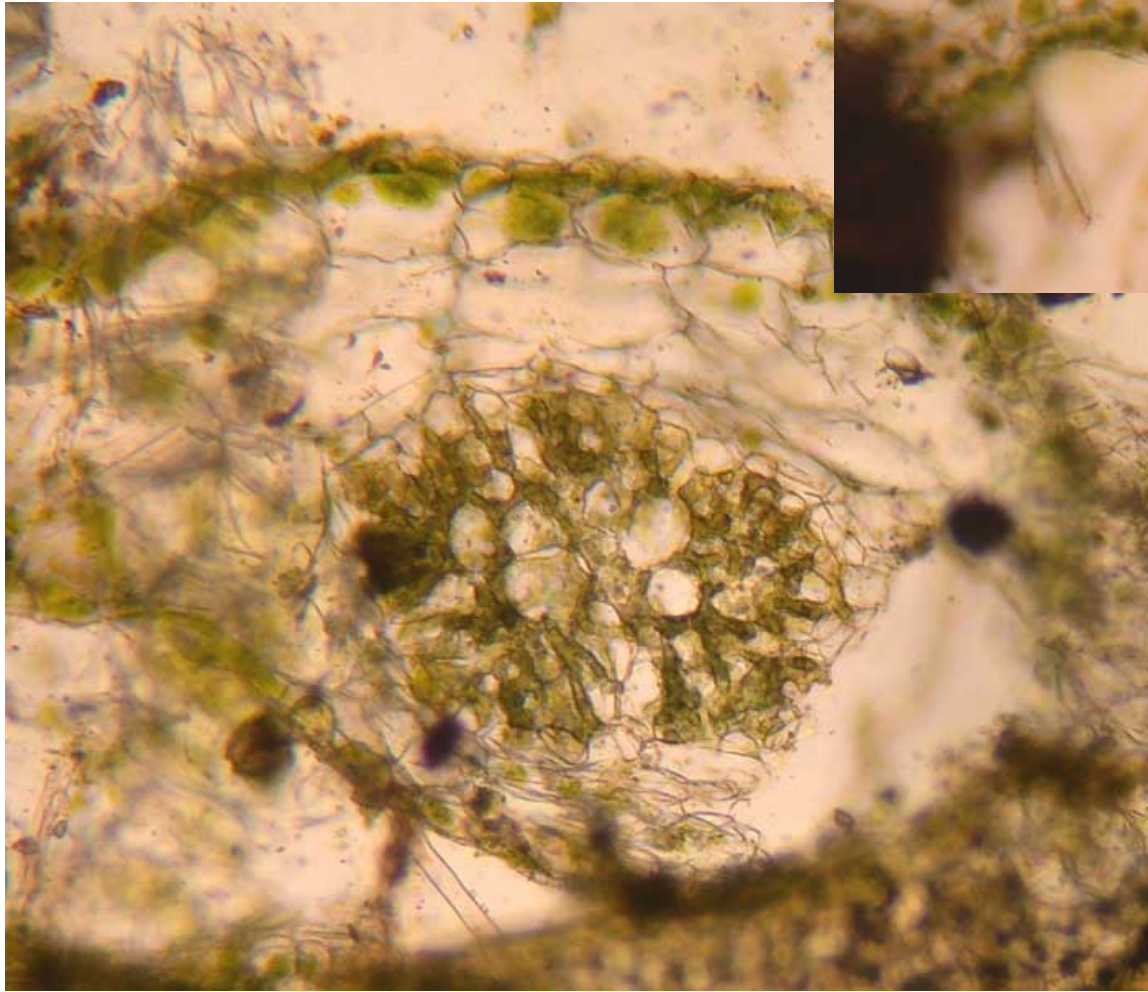
Gametophyte – *Nostoc* in mucilage cavities



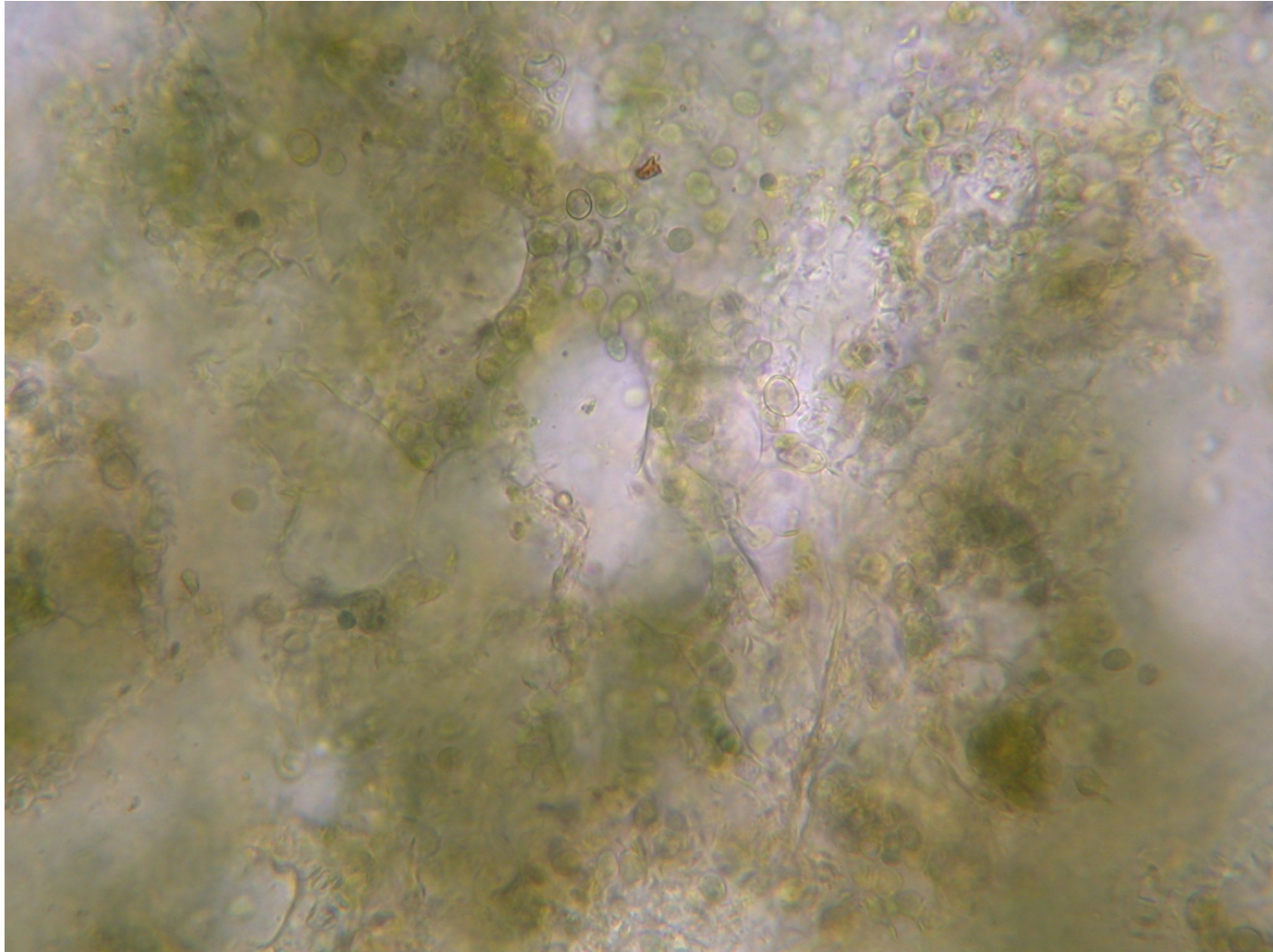
Gametophyte – *Nostoc* in mucilage cavities



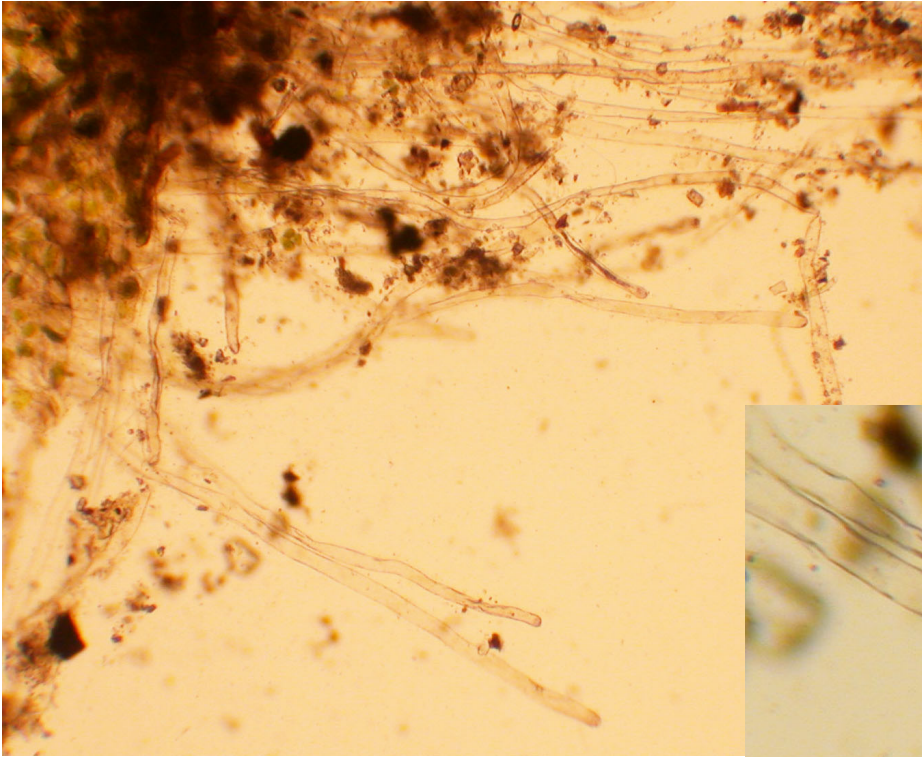
Gametophyte – *Nostoc* in mucilage cavities



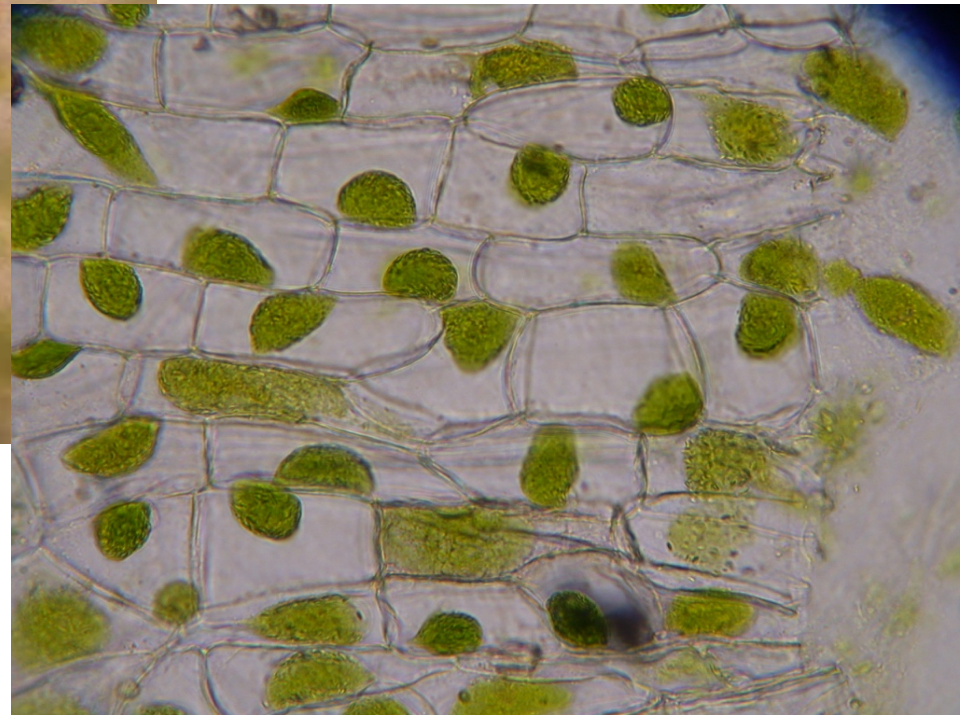
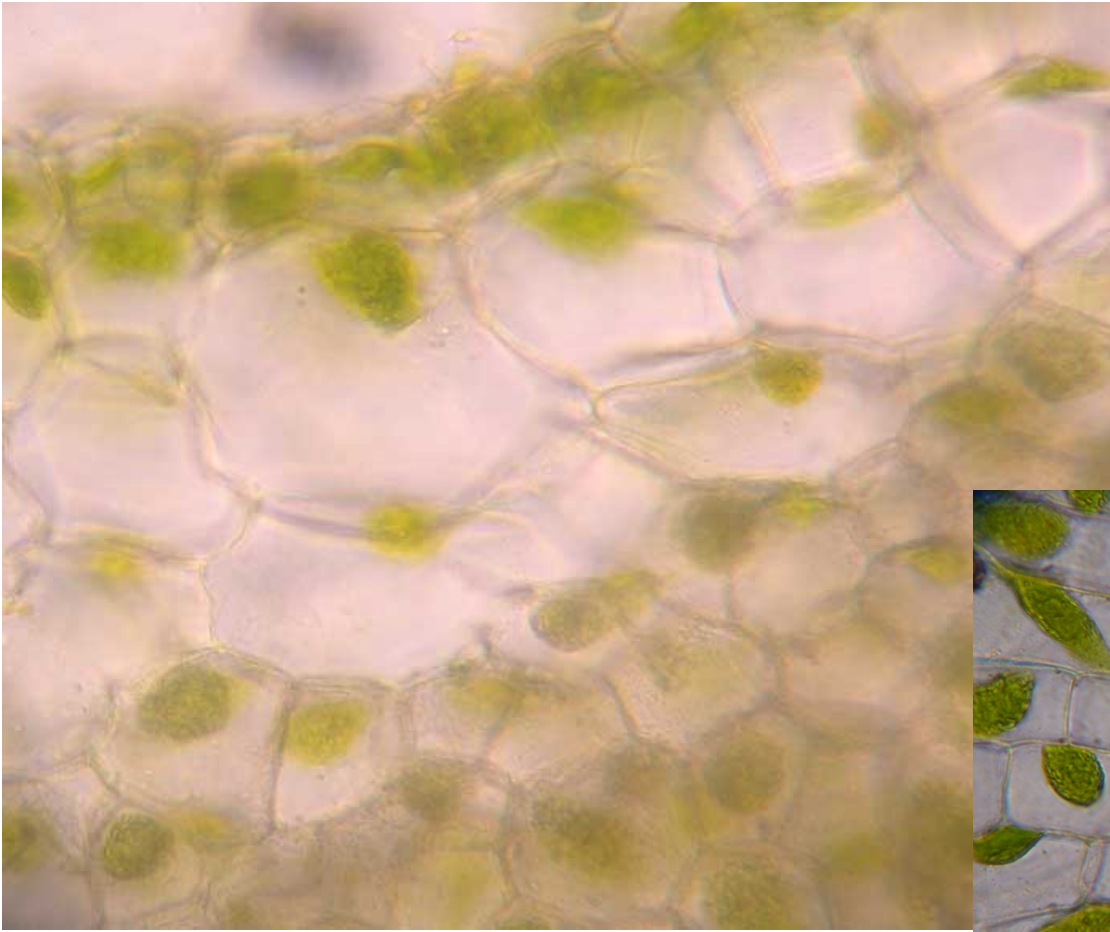
Gametophyte – *Nostoc* in mucilage cavities



Gametophyte - rhizoids

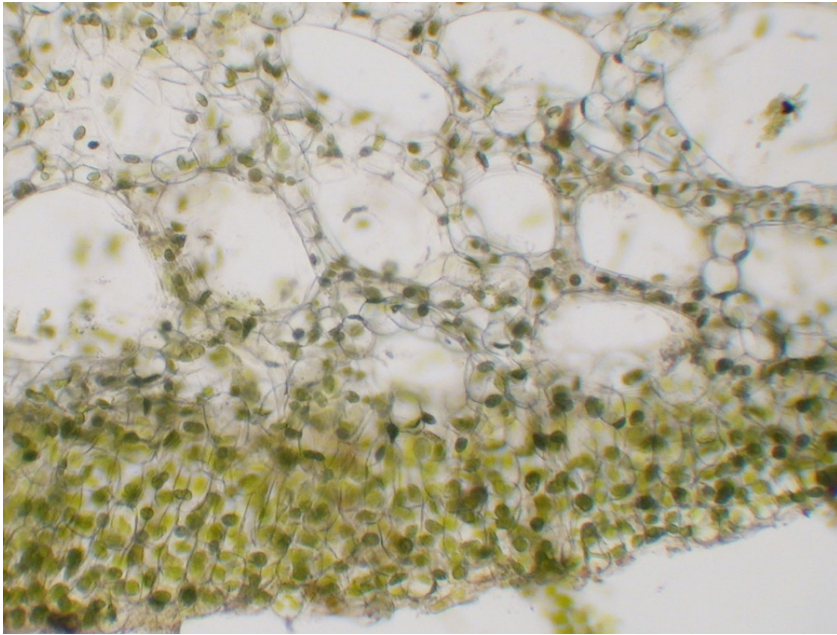


Gametophyte – gametophyte cells

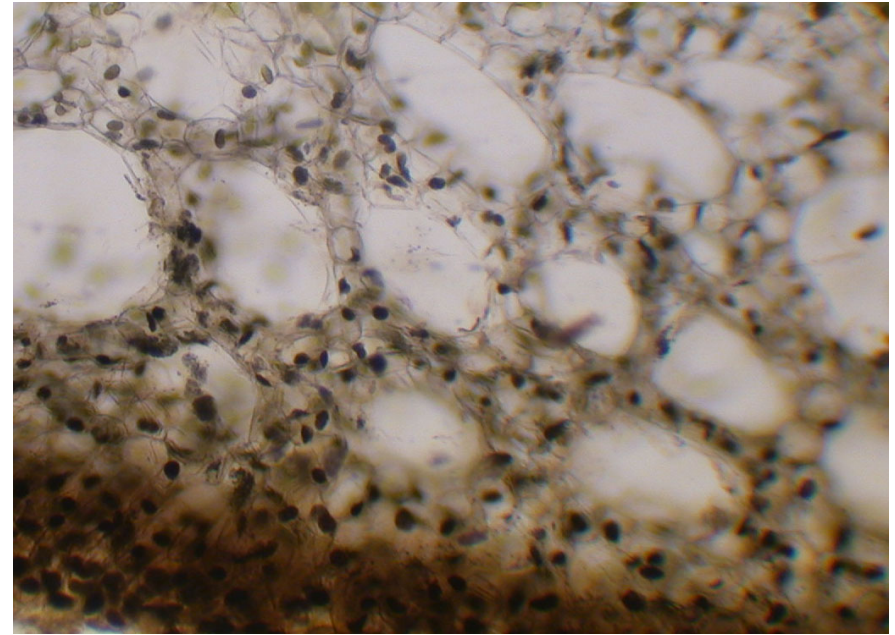


Gametophyte – gametophyte tissue

- note mucilage cavities

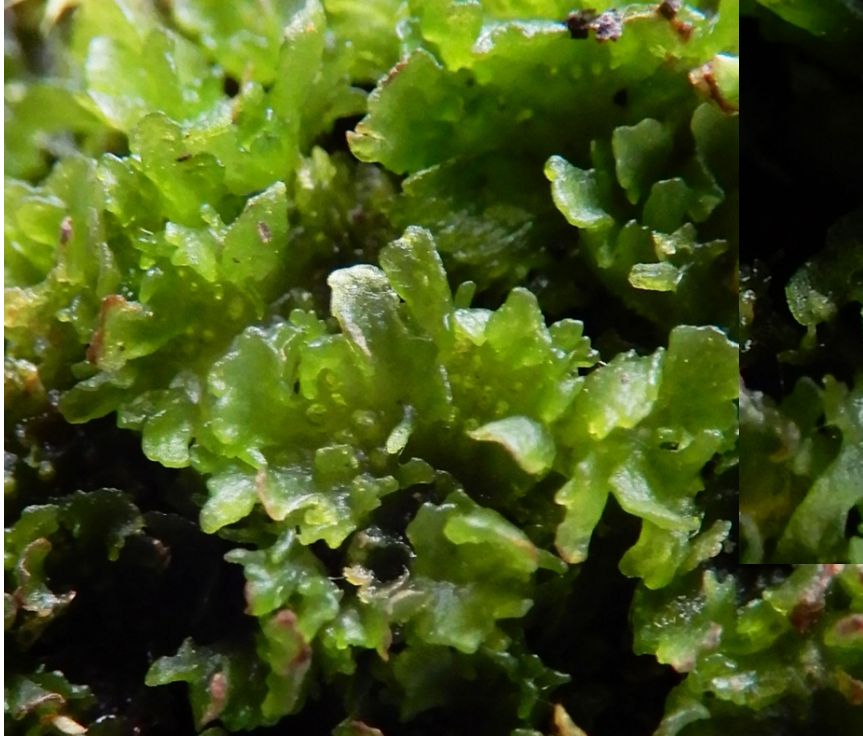


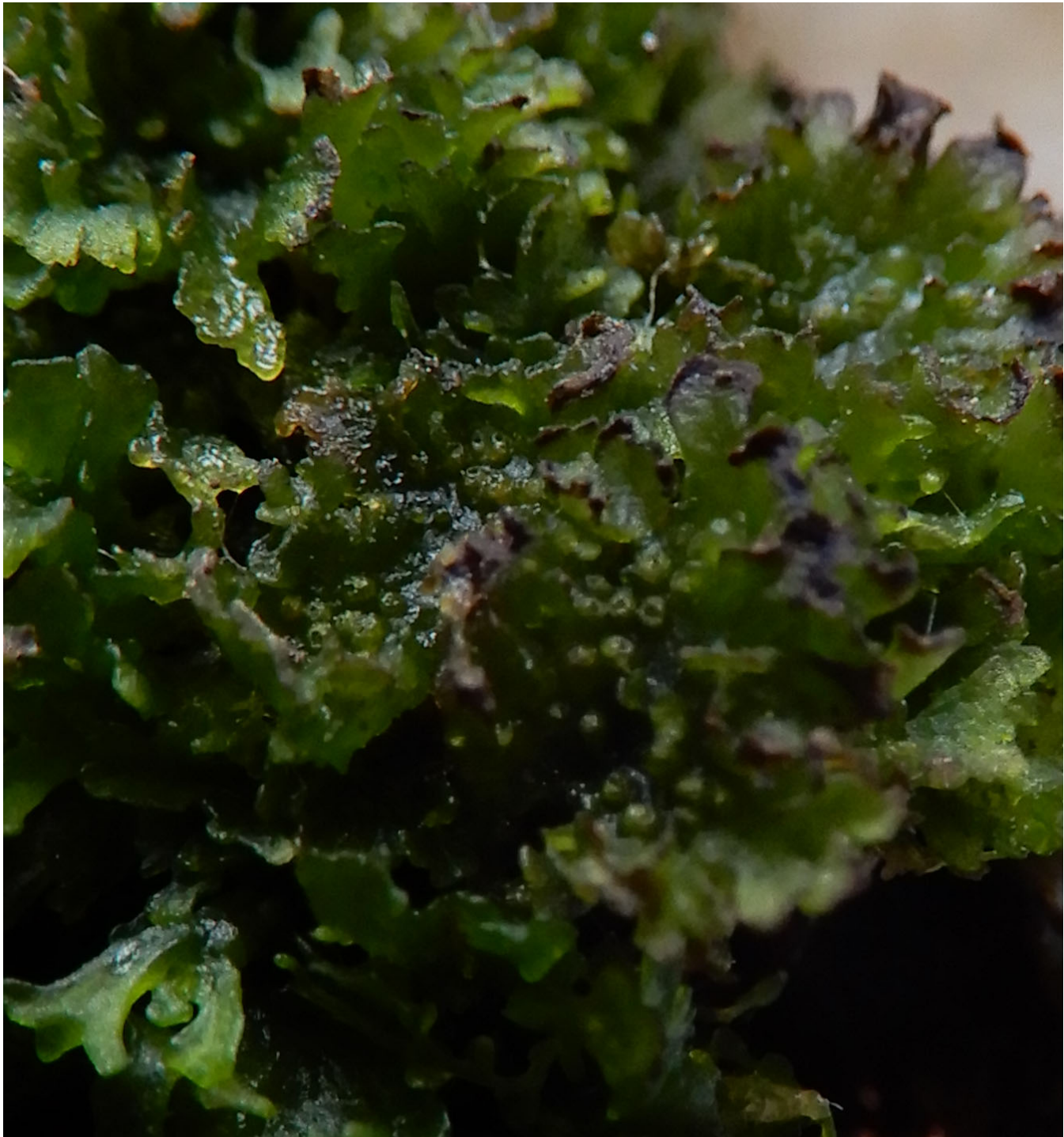
unstained



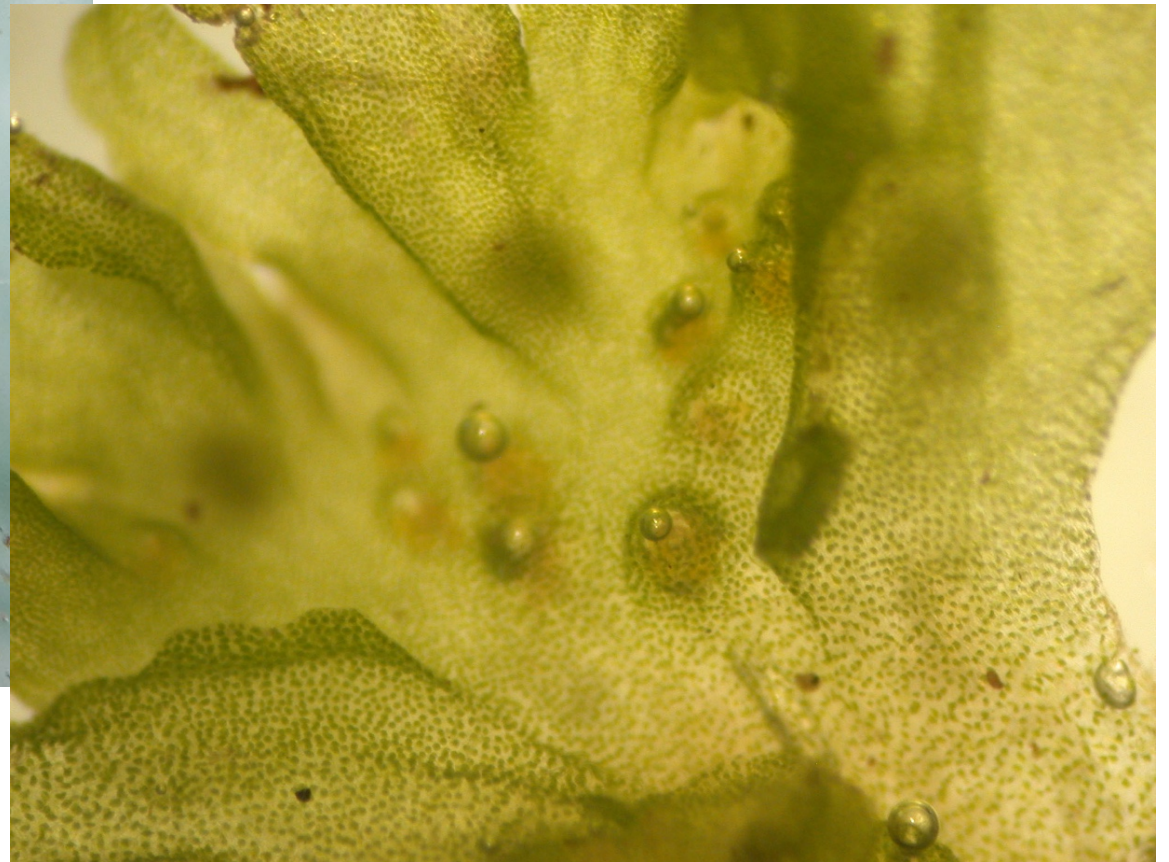
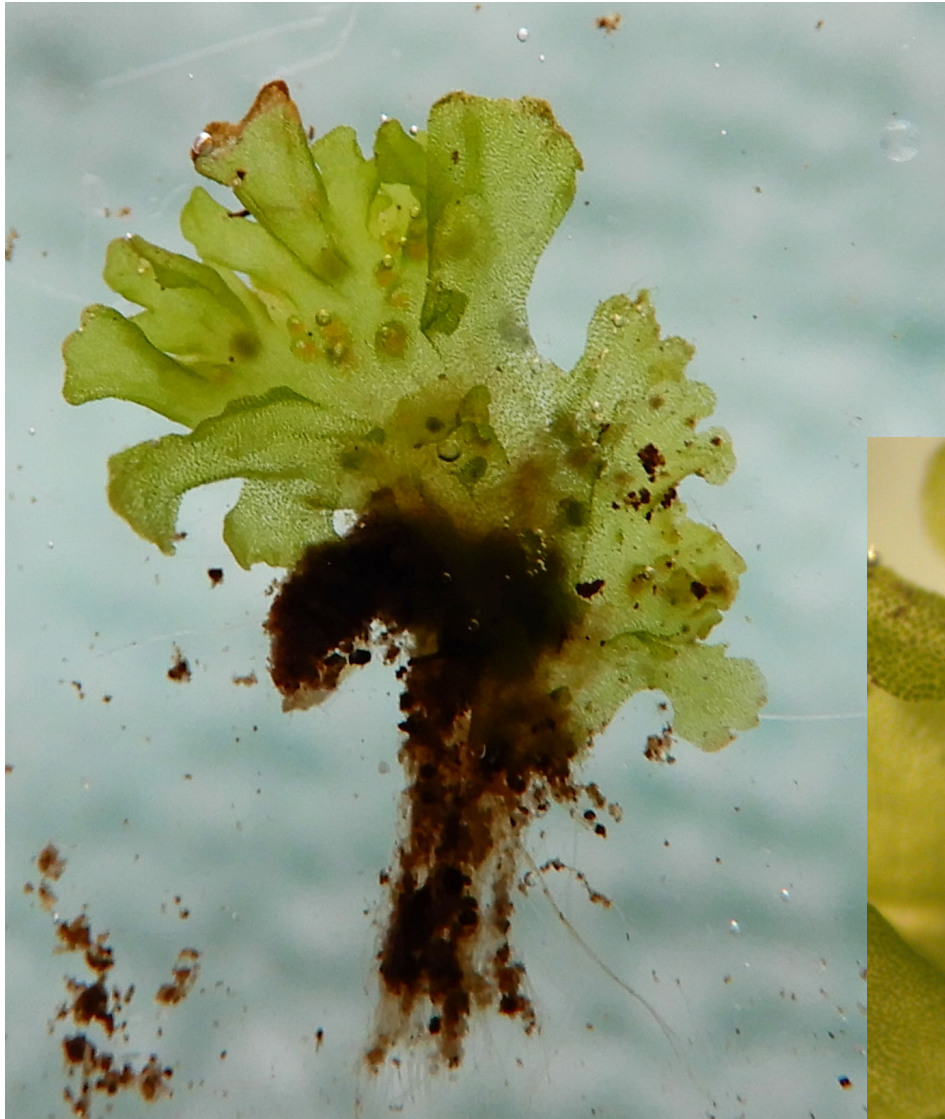
Stained with IKI

Gametophyte – antheridial protuberance





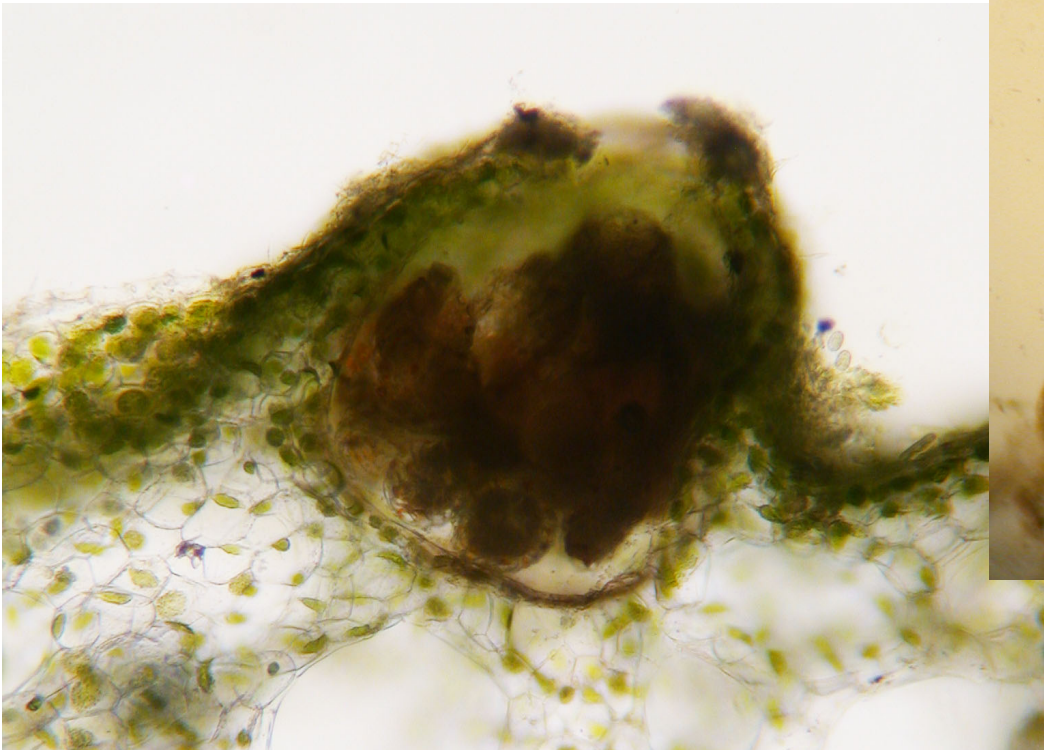
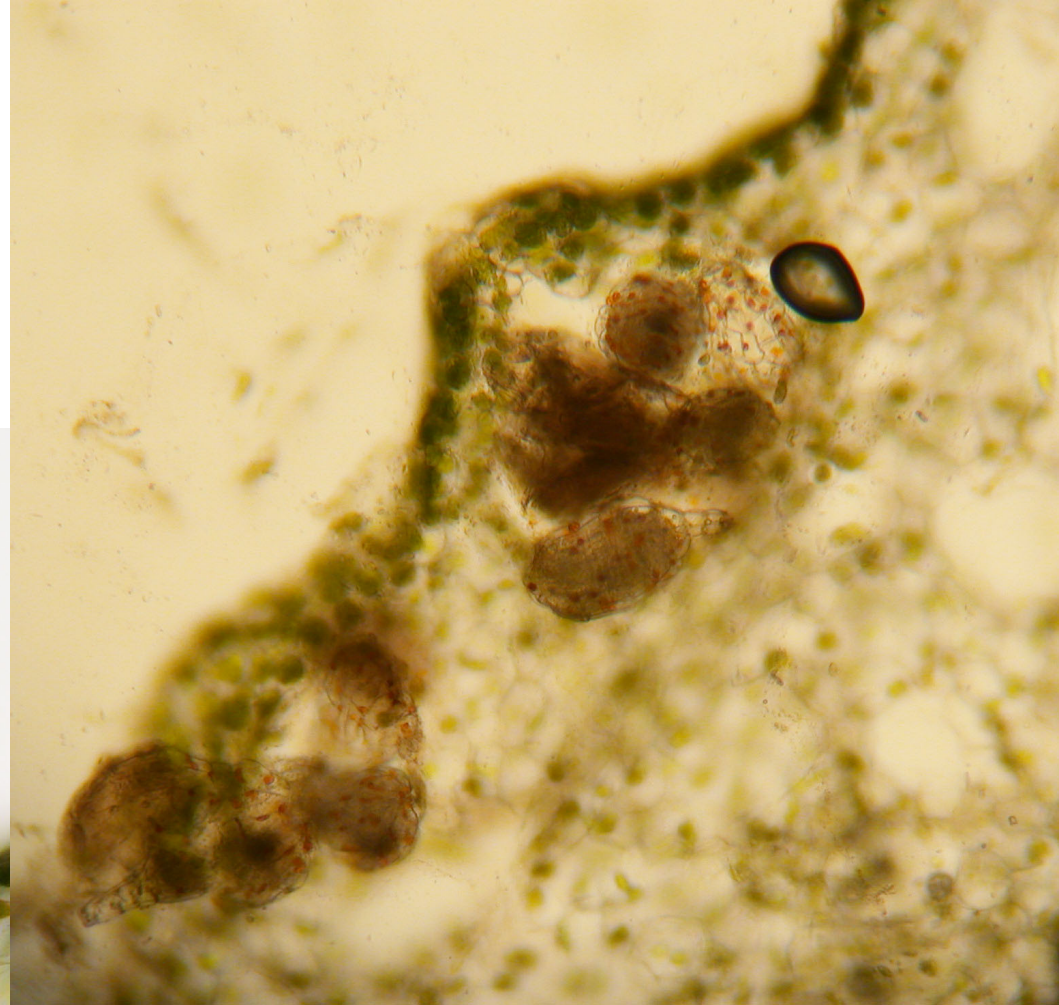
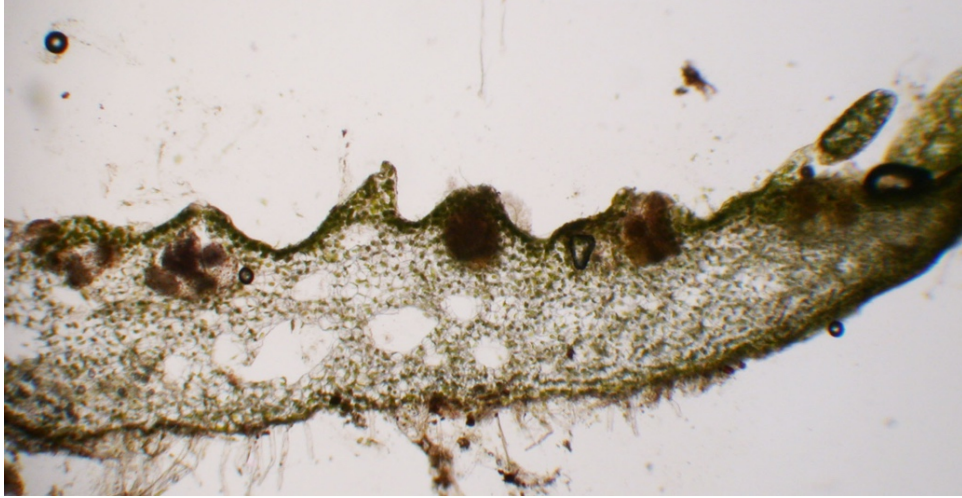
Gametophyte – antheridial protuberance



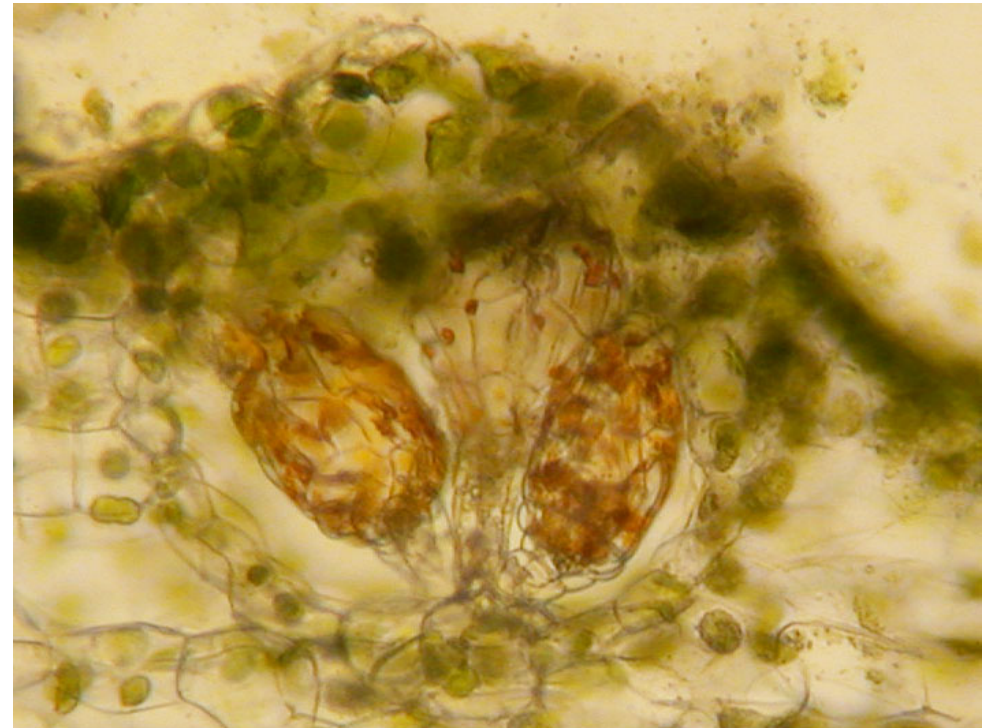
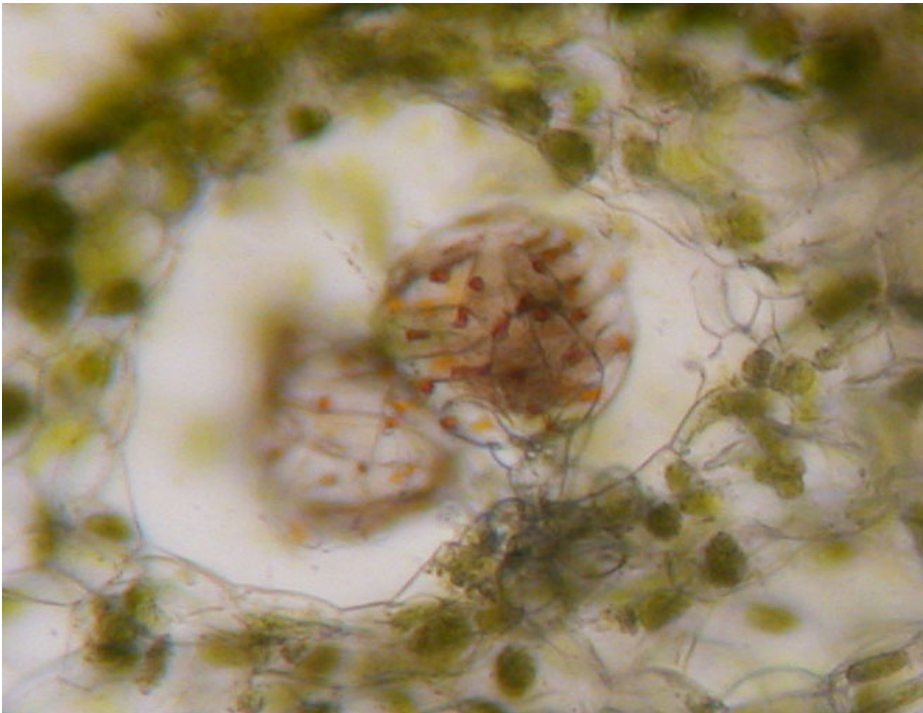
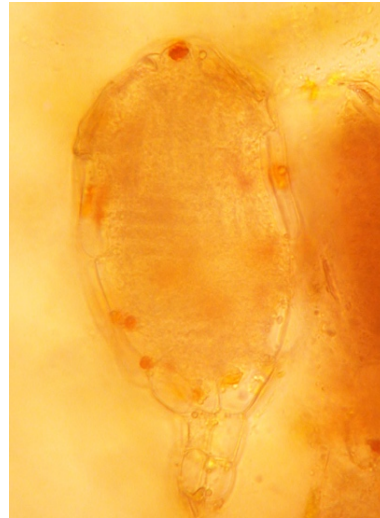
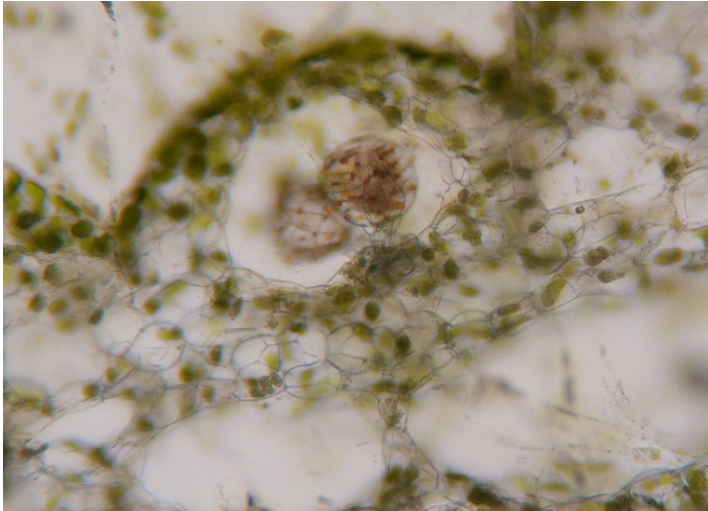
Gametophyte – *Nostoc* in mucilage cavities



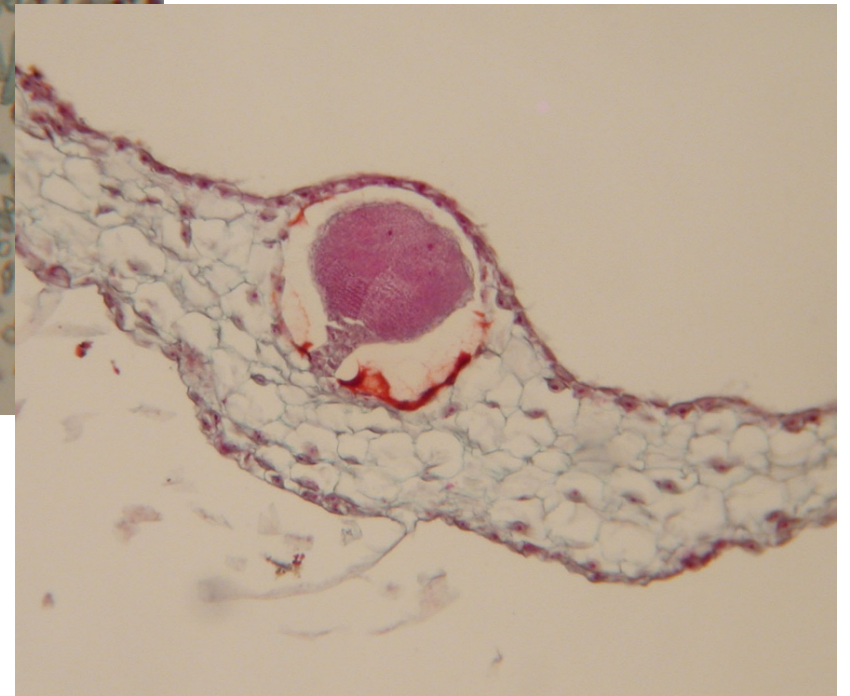
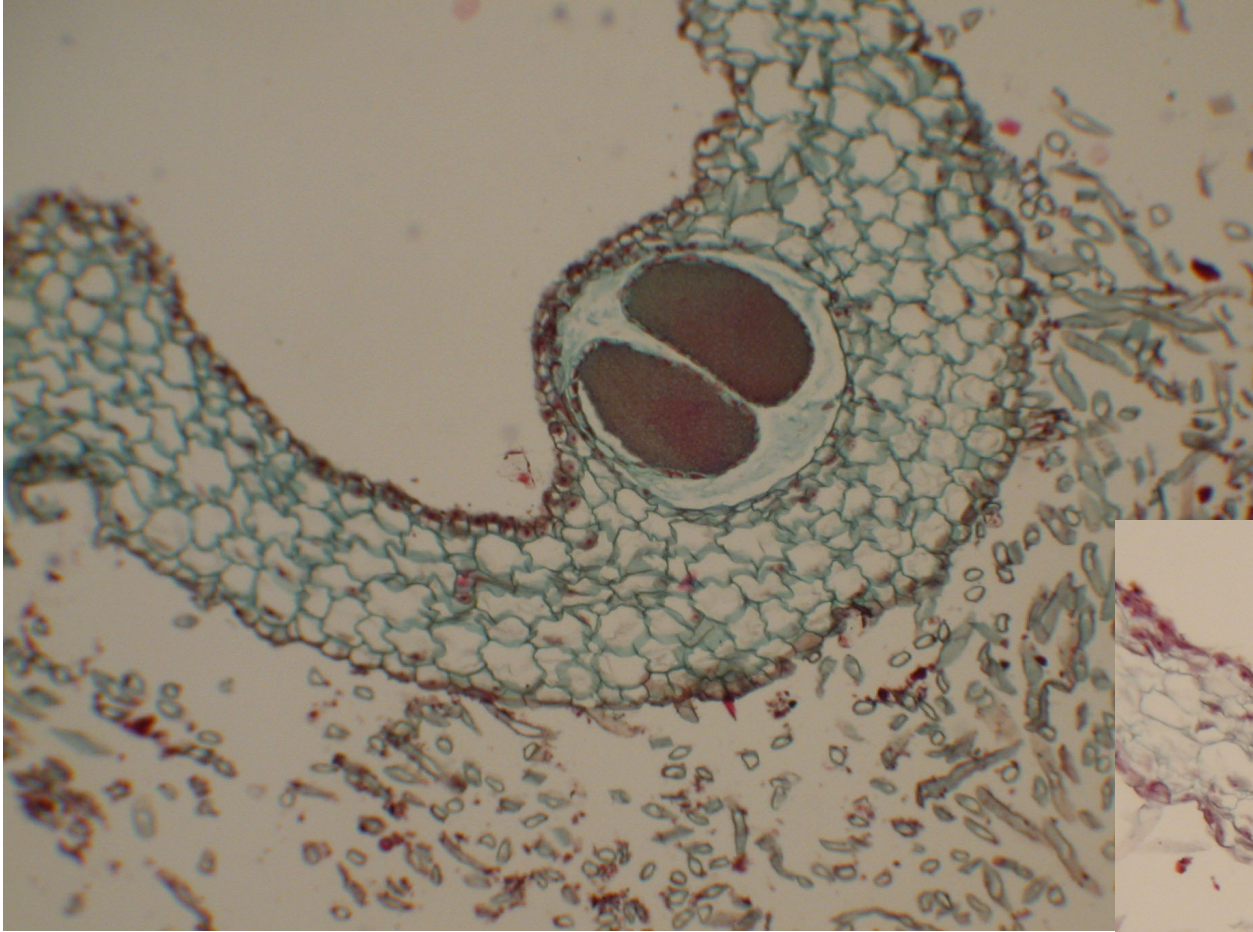
Gametophyte – antheridial protuberance



Gametophyte – antheridial protuberance



Gametophyte – antheridial protuberance



Prepared slide cross-section

Sporophyte



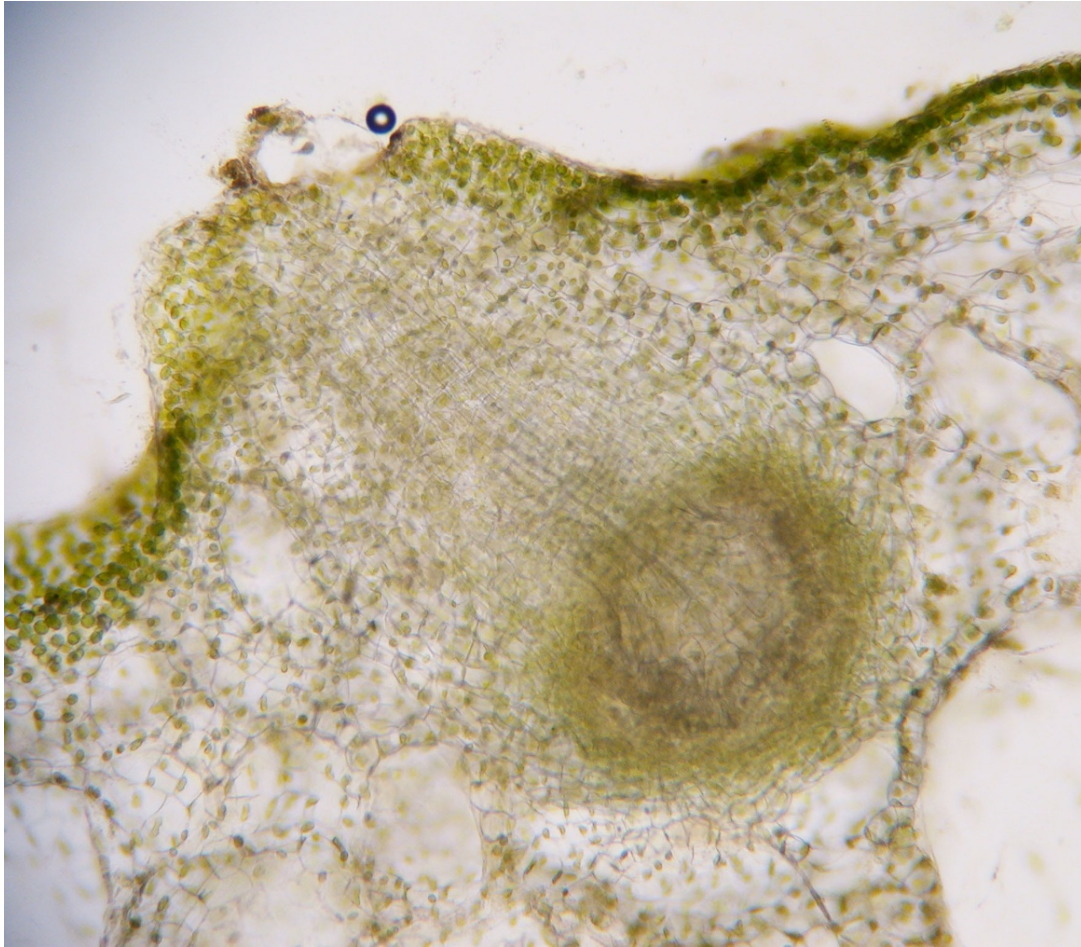
Sporophyte

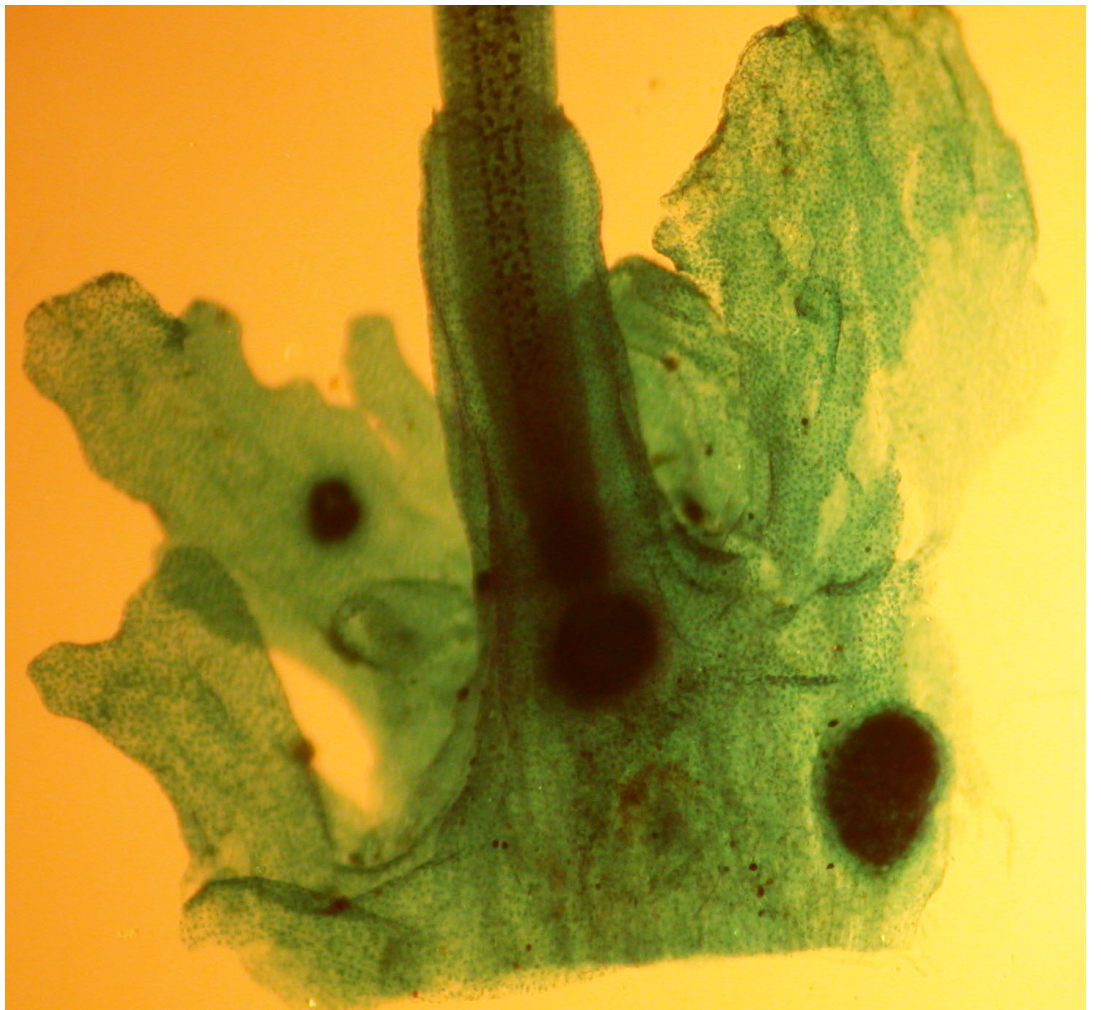


Sporophyte



Sporophyte

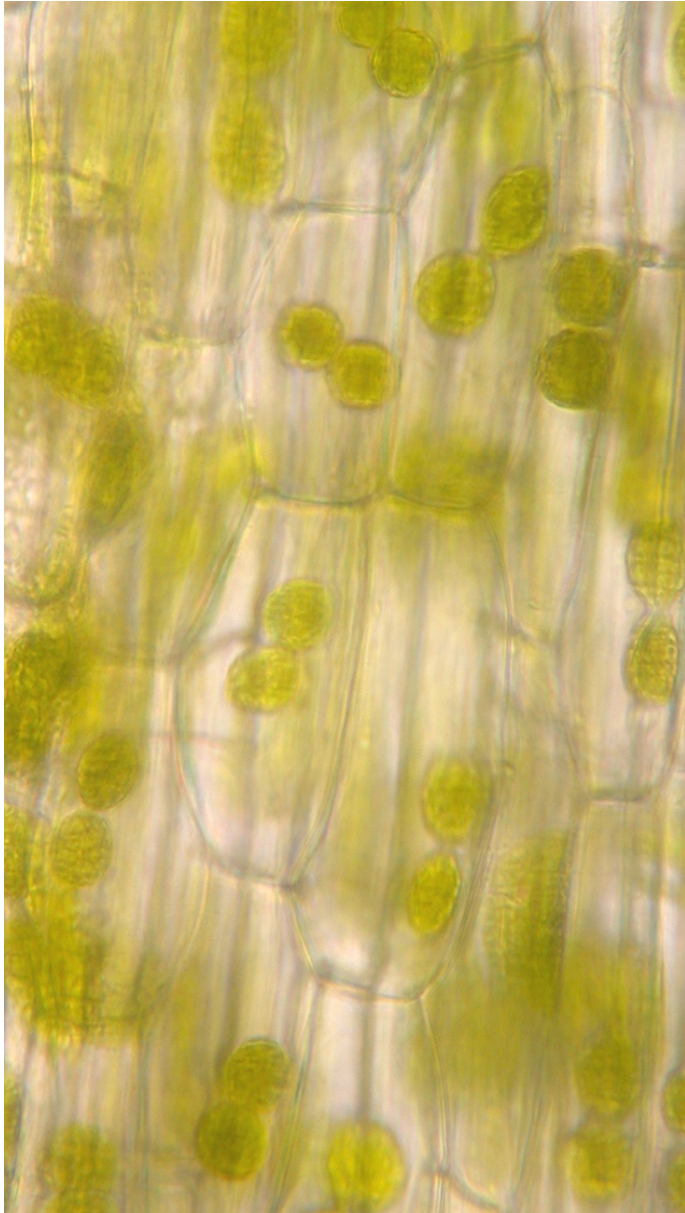




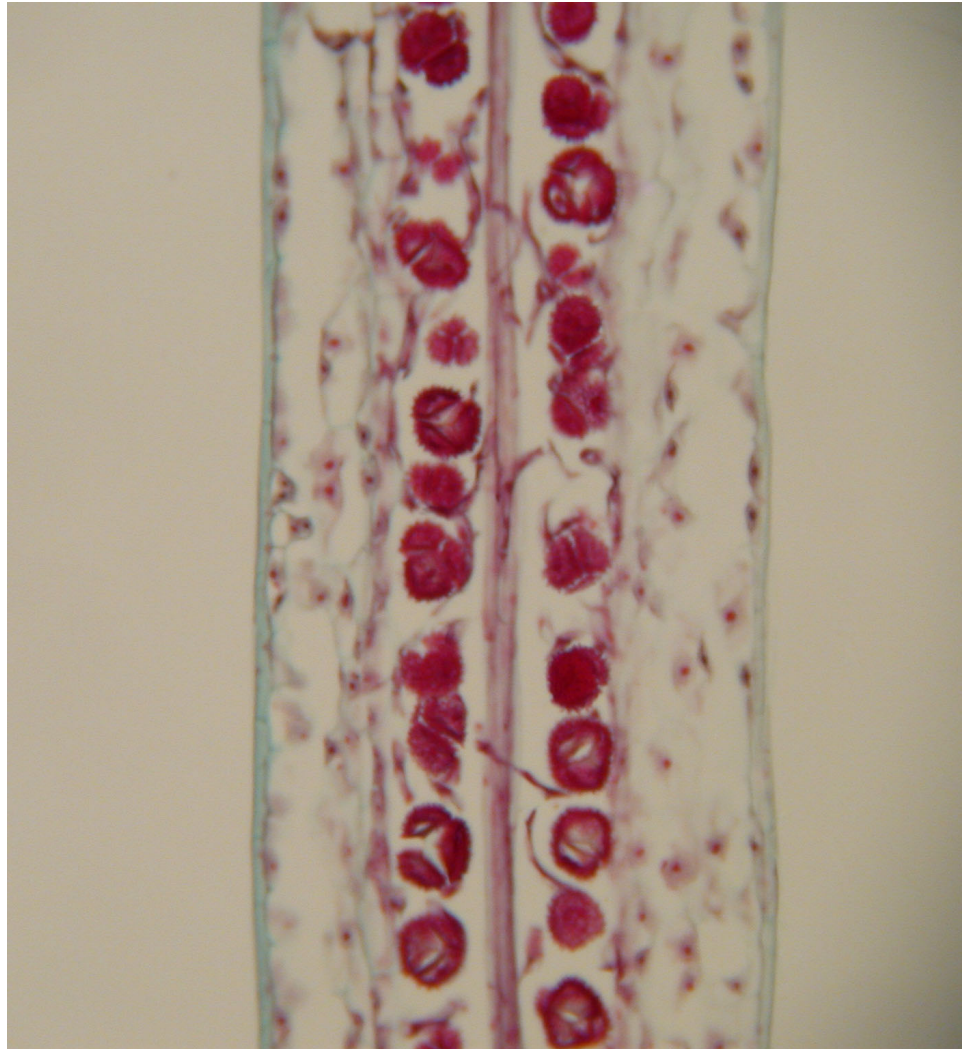
Sporophyte - involucre



Sporangium - epidermis

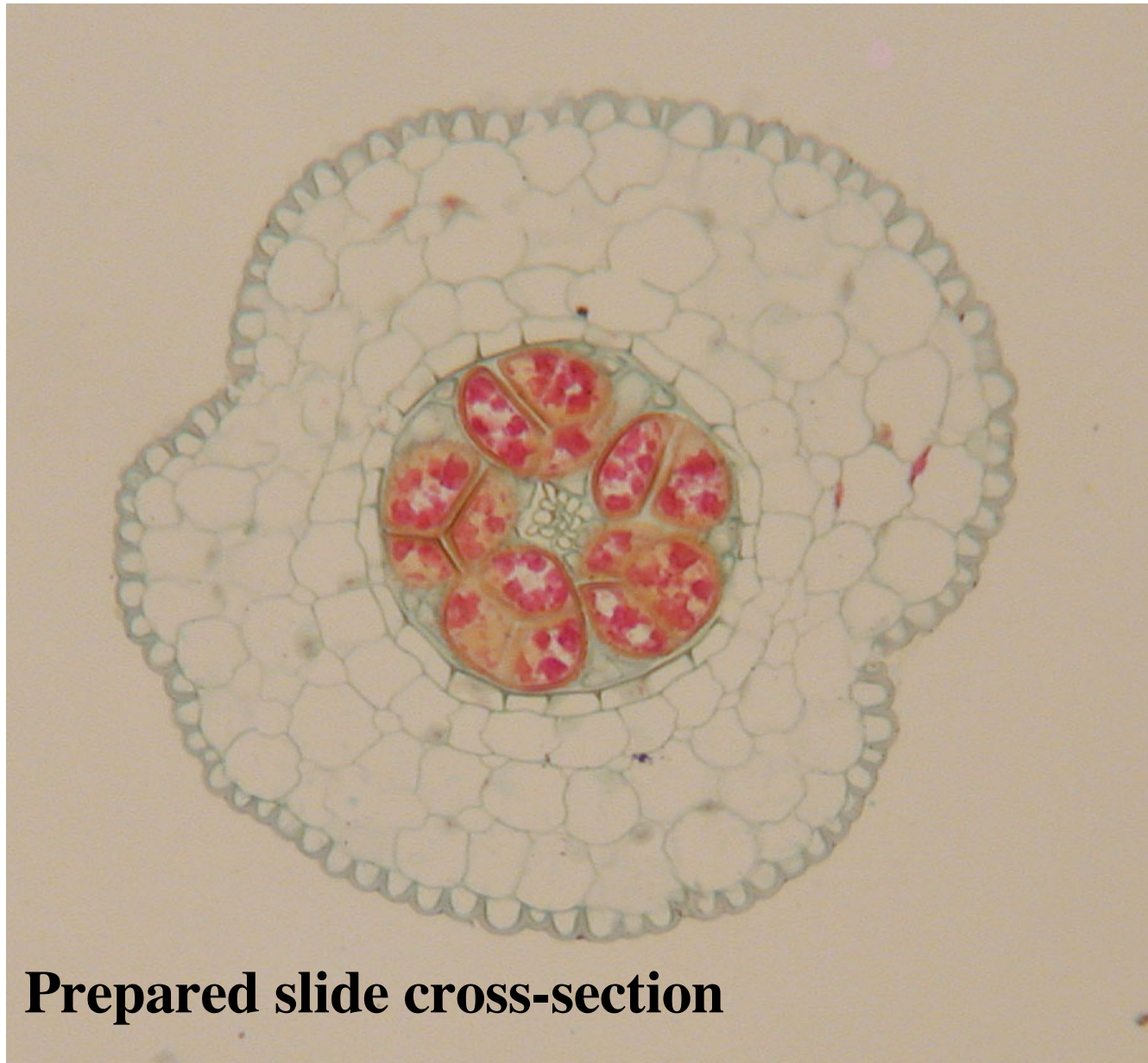


Sporangium



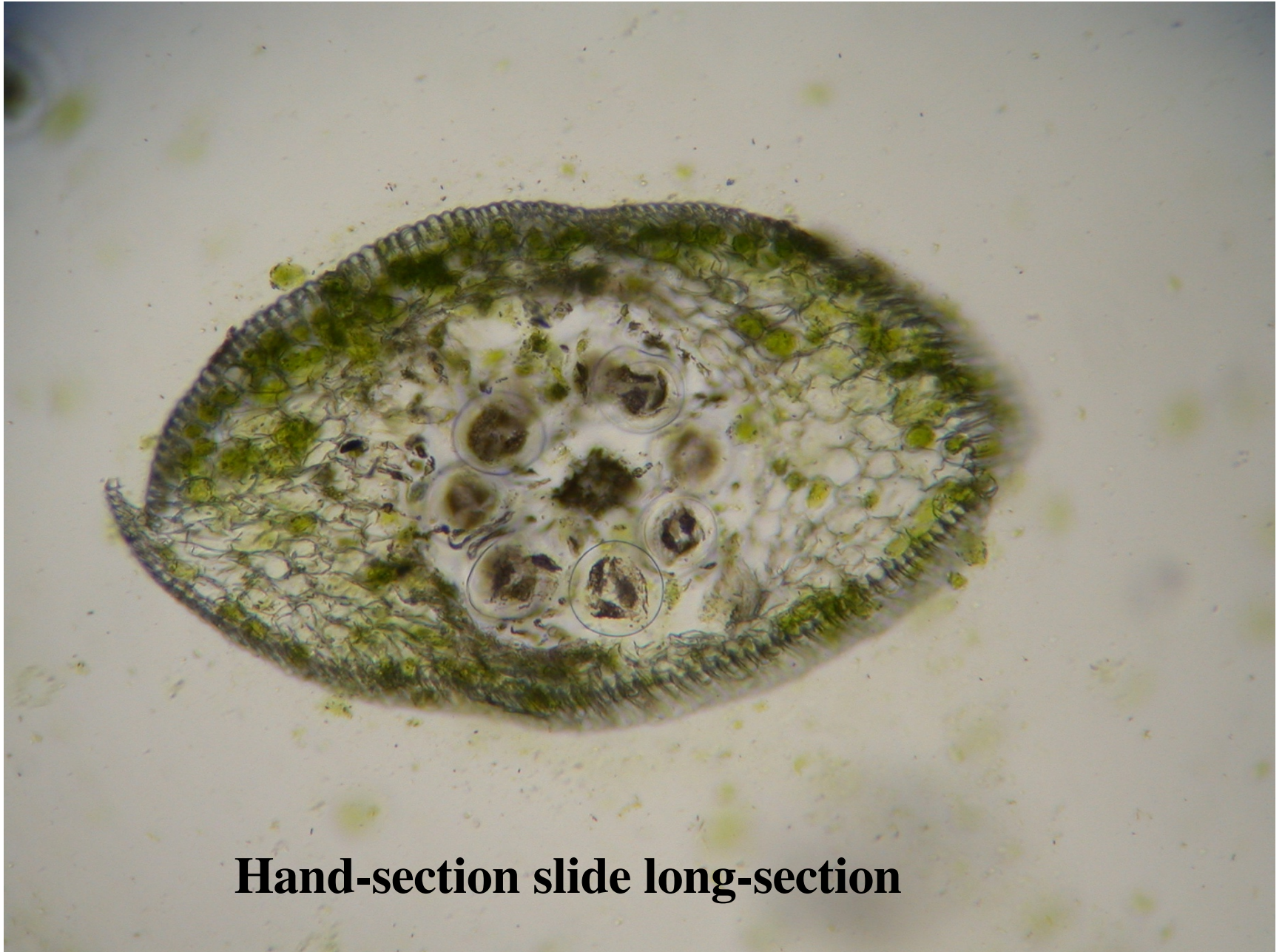
Prepared slide long-section

Sporangium



Prepared slide cross-section

Sporangium



Hand-section slide long-section

Spores and “elaters”

