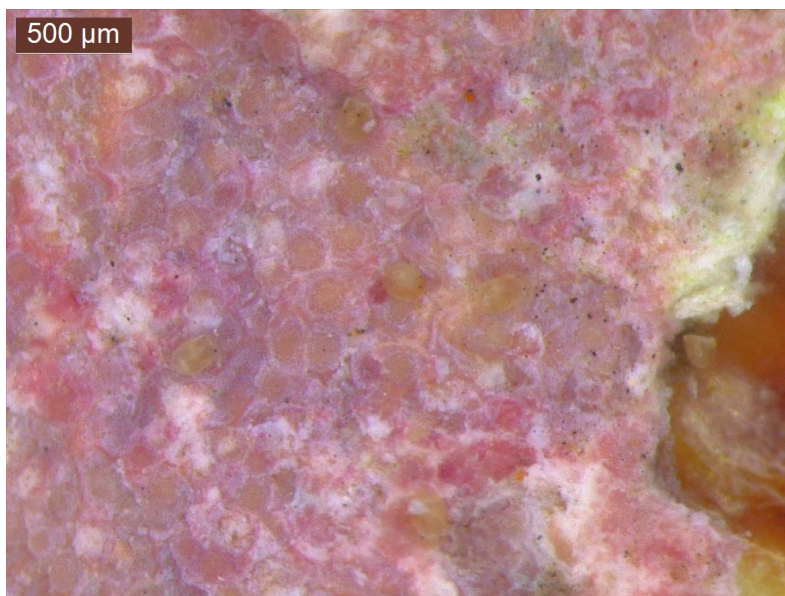


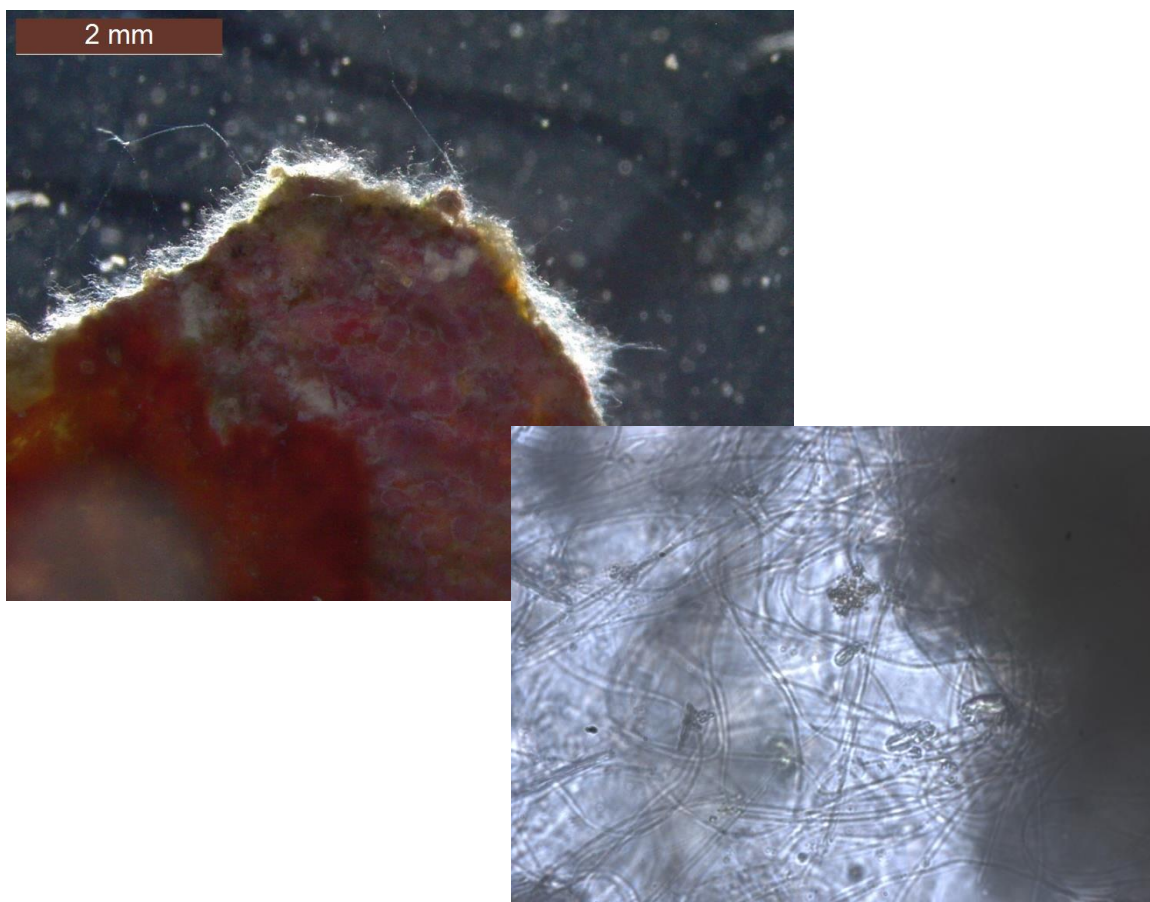
## SUPPLEMENTARY FILE 5

Alteration signs observed on the crustose coralline algae communities under culture conditions.

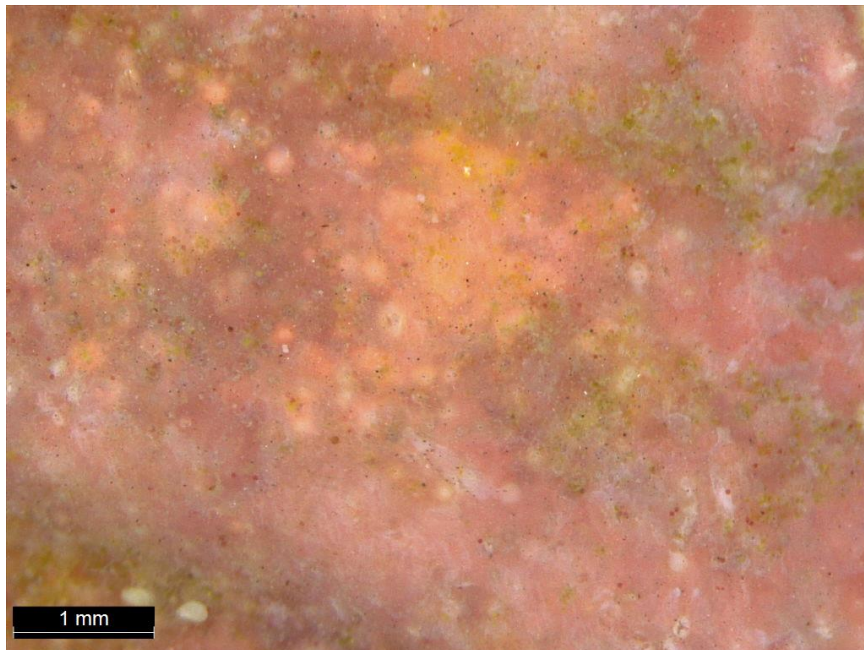
5a. "Whitening" patches observed on "mosaic-like" CCA community, probably corresponding to epithallial shedding of the crustose coralline algae.



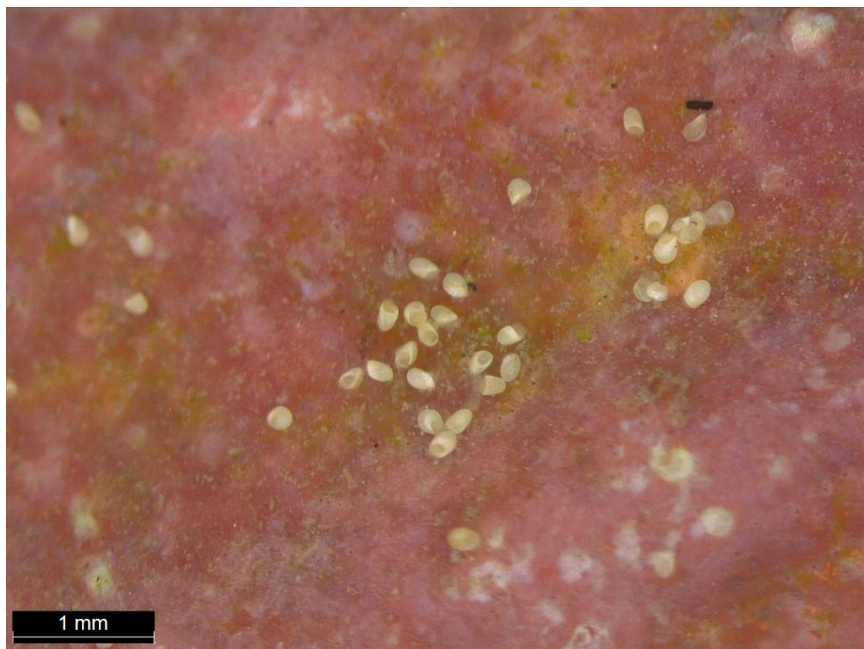
5b. Fungi growth observed on "mosaic-like" CCA community.



5c. Decolouration observed in "homogeneous pink" CCA community from Assay 2.



5d. High mortality (as empty pediveliger shells) associated with degraded "homogeneous pink" CCA community from Assay 2.





5e. Alteration signs observed in "large shell piece" treatment from *Assay 3*: accumulation of debris and fungi growth.

