

Culturing Protocols from the BURR Lab

1. Isolate the zoox according to BURR lab zoox isolation protocols (available on web page)
2. The cultures are maintained at approx 26-28° C. They also do well at room temperature on a bench or window sill
3. We use 34 W fluorescent lights, but grow lights also work well. We rear them under a 14h:10h light:dark cycle.
4. We maintain our cultures in 30 ml of f/2 (see website) in 50 ml flasks with foam stoppers. However, Scott Santos rears his cultures in 75 ml in 125 ml flasks
5. Cultures are transferred to fresh media once a month.

To make up the f/2 media, we use the guidelines on the website to make f/2. We make it up in filtered (0.2 um) sea water that we get from Niagara Aquarium. We pre-filtre the sea water, add the f/2 and then filter it again.