

D2O1: Day 0

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PHYSICS



D2O1: Day 0

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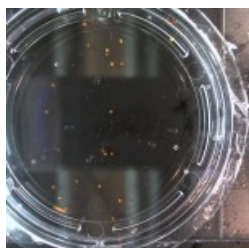
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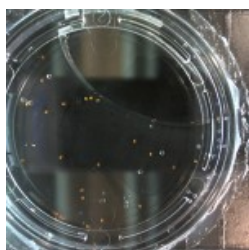
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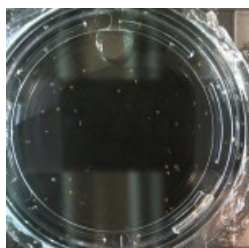
33% D2O



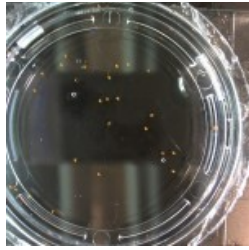
25% D2O



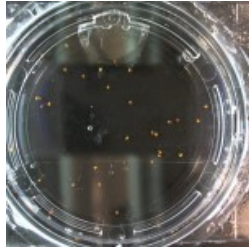
20% D2O



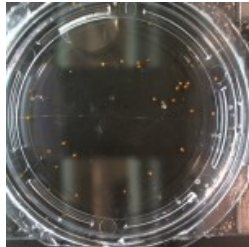
10% D2O



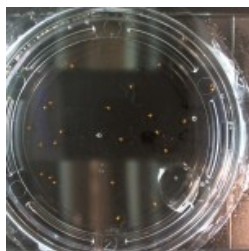
5% D2O



1% D2O



SMOW



PURE DDW

Some things to note:

- all D2O mixes are mixtures between D2O and DDW
- SMOW (Standard Mean Ocean Water) is 15mM D2O
- 1% D2O is 37.5 times more D2O than SMOW so figure ~562mM D2O
- Because of an unforeseen sunburn (which probably was foreseen by someone) I didn't get to keep on my schedule. So these were in the fridge until today, a full week after setup. I'll keep an eye on the sprouting to make sure that everything proceeds as normal, but this may be a throw away experiment.
- Also, recall that there was a mishap with the 20% D2O sample. There is a huge air bubble in there and that might negate this sample.