
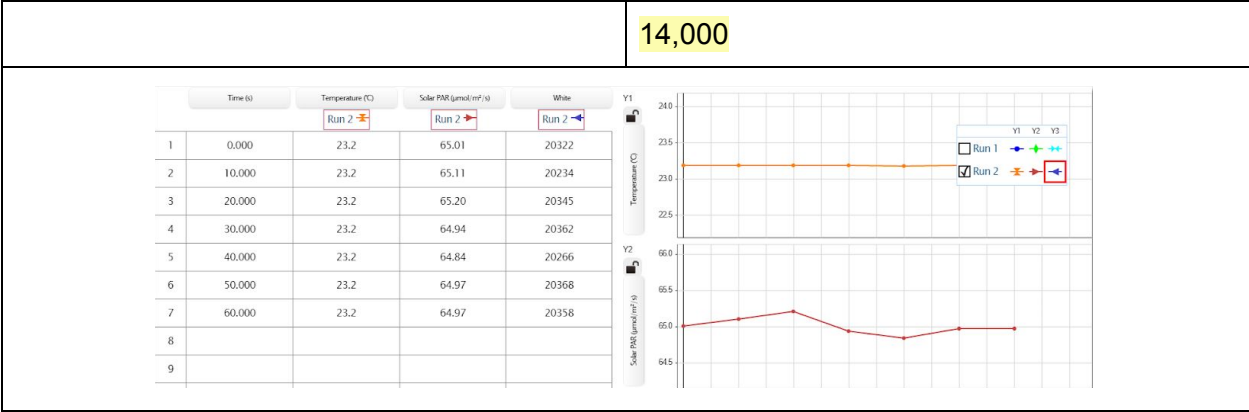


Name: Kennex Lam

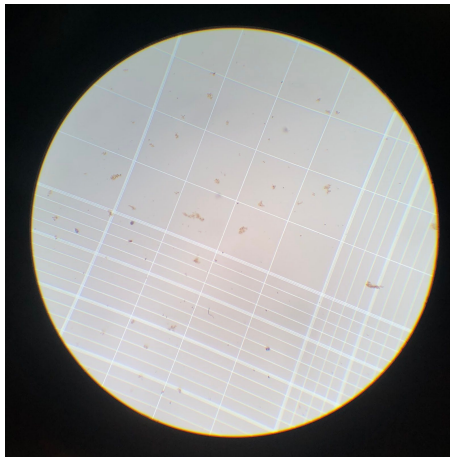
Date: 8/21/19

Hood	
Average Light Intensity ($\mu\text{mol}/\text{m}^2/\text{s}$): 65.01 Average Temperature ($^{\circ}\text{C}$): 23.2	
<p>Symbiodinium Microadriaticum</p> <ul style="list-style-type: none">- None of the symbiodinium were moving. A few reasons could be because of the constant light light as the lights have become red during the dark cycle (for the past 2 days), disrupting the algae's activity. It could also be because I grabbed the drop from the bottom of the flask. I circled tiny organisms that were moving around the clumps of Symbiodinium.  <p>-</p> <p>(ASP-8A)</p>	<p>ASP-8A</p> <p>Average # of cells per square = $85/5 = 17$</p> <p>Concentration of cells per mL = $17(10^4) = 170,000$</p>
	<p>F/2</p> <p>Average # of cells per square = $68/5 = 13.6$</p> <p>Concentration of cells per mL = $13.6(10^4) = 136,000$</p>
<p>Oxyrrhis Marina</p> <ul style="list-style-type: none">- The O. marina is both mediums seemed less active. Their circadian rhythm may be altered due to the light dysfunction.	<p>F/2</p> <p>Average # of cells per square = $11/5 = 2.2$</p> <p>Concentration of cells per mL = $2.2(10^4) = 22,000$</p>
	<p>Filtered SW</p> <p>Average # of cells per square = $7/5 = 1.4$</p> <p>Concentration of cells per mL = $1.4(10^4) =$</p>



Window	
Time: 12:09 pm Average Light Intensity (μmol/m²/s): 58.39 Average Temperature (°C): 21.1	
<div>Symbiodinium Microadriaticum</div> <div><div>- Half the Symbiodinium were moving while the other half was not. Within the circle, a motile Symbiodinium was trapped in the organelle web that was attached to the non-motile Symbiodinium and unable to swim around which makes me wonder if that is how many of them end up in those clumps. (ASP-8A)</div><div></div></div>	<div>ASP-8A</div> <div>Average # of cells per square = 94/5 = 18.8</div> <div>Concentration of cells per mL = 18.8(10^4) = 188,000</div>
	<div>F/2</div> <div>Average # of cells per square = 12/5 = 2.4</div> <div>Concentration of cells per mL = 2.4(10^4) = 24,000</div>
<div>Oxyrrhis Marina</div> <div><div>- In the F/2 medium, there are these unknown yellow residue within the</div></div>	<div>F/2</div> <div>Average # of cells per square = 31/5 = 6.2</div>

liquid. These may just be the ingredients that have precipitated or another organism. Either way, the O. marina do not seem to mind them.



Concentration of cells per mL = $6.2(10^4) = 62,000$

Filtered SW

Average # of cells per square = $10/5 = 2$

Concentration of cells per mL = $2(10^4) = 20,000$

