

Name: Kennex Lam

Date: 8/23/19

Hood				
Average Light Intensity (μmol/m²/s): 66.92 Average Temperature (°C): 23.2				
Symbiodinium Microadriaticum - Majority were in clumps and not moving.	ASP-8A Average # of cells per square = 534/5 = 106.8 Concentration of cells per mL = 106.8(10^4) = 1,680,000			
	F/2 Average # of cells per square = 3/5 = 0.6 Concentration of cells per mL = 0.6(10^4) = 6000			
Oxyrrhis Marina	F/2 Average # of cells per square = 71/5 = 14.2 Concentration of cells per mL = 14.2(10^4) = 142,000			
	Filtered SW Average # of cells per square = 60/5 = 12 Concentration of cells per mL = 12(10^4) = 120,000			

	Time (s)	Solar PAR (μmol/m²/s)	White	Temperature (°C)
		Run 5	Run 5	Run 5
1	0.000	66.96	18847	23.2
2	10.000	67.02	18822	23.2
3	20.000	67.19	18815	23.2
4	30.000	66.73	18815	23.2
5	40.000	66.96	18806	23.2
6	50.000	66.76	18820	23.2
7	60.000	66.83	18822	23.2
8				
9				

Y1

Y2

White

Window																																																	
Time: 10:46 am Average Light Intensity ($\mu\text{mol}/\text{m}^2/\text{s}$): 41.42 Average Temperature ($^{\circ}\text{C}$): 20.8																																																	
Symbiodinium Microadriaticum	ASP-8A Average # of cells per square = $75/5 = 15$ Concentration of cells per mL = $15(10^4) = 150,000$																																																
	F/2 Average # of cells per square = $32/5 = 6.4$ Concentration of cells per mL = $6.4(10^4) = 64,000$																																																
Oxyrrhis Marina	F/2 Average # of cells per square = $24/5 = 4.8$ Concentration of cells per mL = $4.8(10^4) = 48,000$																																																
	Filtered SW Average # of cells per square = $10/5 = 2$ Concentration of cells per mL = $2(10^4) = 20,000$																																																
<div><div><div>Time (s)</div><div>Solar PAR ($\mu\text{mol}/\text{m}^2/\text{s}$)</div><div>White</div><div>Temperature ($^{\circ}\text{C}$)</div></div><div><div>Run 3</div><div>Run 3</div><div>Run 3</div></div><table><tr><td>1</td><td>0.000</td><td>41.42</td><td>14772</td><td>20.8</td></tr><tr><td>2</td><td>10.000</td><td>41.09</td><td>14741</td><td>20.8</td></tr><tr><td>3</td><td>20.000</td><td>41.22</td><td>14778</td><td>20.8</td></tr><tr><td>4</td><td>30.000</td><td>41.42</td><td>14817</td><td>20.8</td></tr><tr><td>5</td><td>40.000</td><td>41.48</td><td>14835</td><td>20.8</td></tr><tr><td>6</td><td>50.000</td><td>41.62</td><td>14868</td><td>20.8</td></tr><tr><td>7</td><td>60.000</td><td>41.68</td><td>14818</td><td>20.8</td></tr><tr><td>8</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td></tr></table><div><div>Y1</div><div>Y2</div></div><div><p>The figure displays two line graphs side-by-side. The top graph, labeled 'Y1', plots 'Solar PAR ($\mu\text{mol}/\text{m}^2/\text{s}$)' on the y-axis (ranging from 40 to 45) against time on the x-axis. It shows three data series: Run 1 (blue), Run 2 (orange), and Run 3 (red, highlighted with a red box). Run 3 starts at approximately 41.4, dips slightly, and then rises to about 41.7. The bottom graph, labeled 'Y2', plots 'White' light intensity on the y-axis (ranging from 14600 to 15000) against time. It also shows three data series: Run 1 (blue), Run 2 (orange), and Run 3 (red, highlighted with a red box). Run 3 starts at approximately 14770, dips slightly, and then rises to about 14830.</p></div></div>					1	0.000	41.42	14772	20.8	2	10.000	41.09	14741	20.8	3	20.000	41.22	14778	20.8	4	30.000	41.42	14817	20.8	5	40.000	41.48	14835	20.8	6	50.000	41.62	14868	20.8	7	60.000	41.68	14818	20.8	8					9				
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