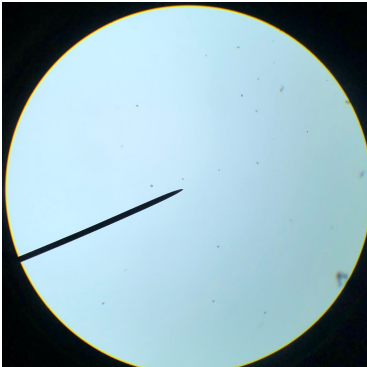

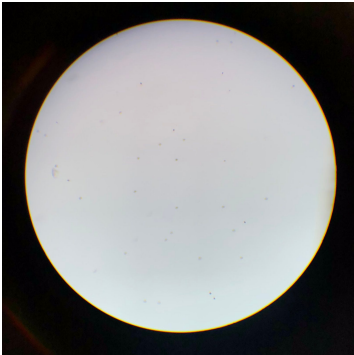
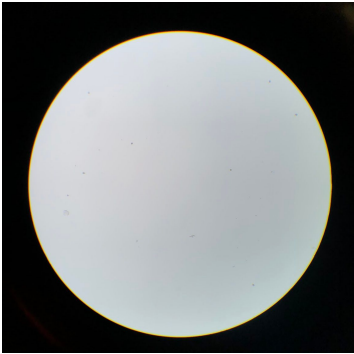


Name: Sijia Qin, Jiazi Tian, Kennex Lam

Date: 7/24/19

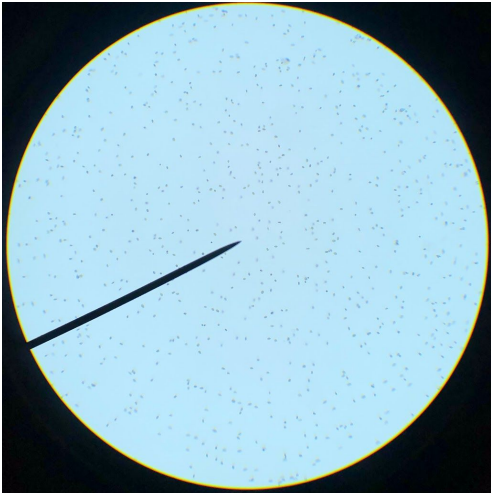
S. Microadriaticum

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|---|--|
| Stock  | <p>All were spinning. Saw babies and large ones. More were dark while others were light.</p> <p>Some dead looked round than alive.</p> |
| F2 10 mL | <p>Almost 20 were spinning like the stock. Very Low concentration compared to stock.</p> <p>This was similar to yesterday.</p> |
| F2 25 mL | <p>About 5 were spinning. 4 were nonmoving.</p> |
| F2 75 mL  | <p>Most were swimming in circles. Few were swimming around (loops and zig-zags). Some were not moving. 6 in count. Half were still while the other half were swimming in circles.</p> |
| ASP-8A 10 mL | <p>Most were spinning in circles.</p> |
| ASP-8A 25 mL | <p>Nearly all are swimming in circles or zig-zagging. 30 in count on photo. This large concentration is due to the drop on the slide being too large so most of the symbiodinium got pushed out from under cover slip.</p> |

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|  | |
| ASP-8A 75 ml  | Almost all were swimming in circles. 8 in count. |
| L1 10 mL | About 10 on entire slide. Most were swimming in circles. |
| L1 25 mL | Nothing was seen, so no Symbiodinium were picked up in the pipette. |
| L1 75 mL | 2 were swimming in circles. |
| L1 + F2 10 mL | 7 were seen on the whole slide. 3 were swimming in circles. 3 were flip swimming around. 1 was non-moving. |
| L1 + F2 25 mL | |
| L1 + F2 75 mL | A higher concentration than compared to the 10 mL solution. $\frac{1}{3}$ were swimming. $\frac{1}{3}$ swimming in circles. $\frac{1}{3}$ stayed in place. |
| ASP-8A with SW 10 mL | |
| ASP-8A with SW 25 mL | |
| ASP-8A with SW 75 ml | |

D. Tertiolecta

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|-------|---|
| Stock | $\frac{2}{3}$ were swimming actively. $\frac{1}{3}$ were shaking. They grew very healthy. |
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|---|--|
|  | |
| ASP-8A 75 ml | Same activity and concentration as the stock. |
| ASP-8A with SW 10 mL | The majority was swimming freely. A few were shaking. A little low concentration compared to stock. |
| ASP-8A with SW 25 mL | The majority was shaking. A few were swimming. Same concentration as stock. |
| ASP-8A with SW 75 ml | $\frac{2}{3}$ were shaking. $\frac{1}{3}$ were swimming freely. High concentration compared to stock. |

O. Marina

| | |
|--------------|--|
| Stock | |
| F2 10 mL | |
| F2 25 mL | |
| F2 75 mL | |
| ASP-8A 10 mL | |
| ASP-8A 25 mL | |
| ASP-8A 75 ml | |