

SUPPLEMENT TO: Aquatic ecosystem and population level resilience complicated by interactions between invertebrate herbivores

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The supplement contains algal species information.

Figure 1: This figure shows all algal species that represent greater than 0.5% of the community for the starting (A.), mid-point (B.) and end of the experiment (C.). Point color is herbivore combination. Point shape is perturbation treatment. Points are mean and error bars are standard deviation. (N=10 for all treatments)

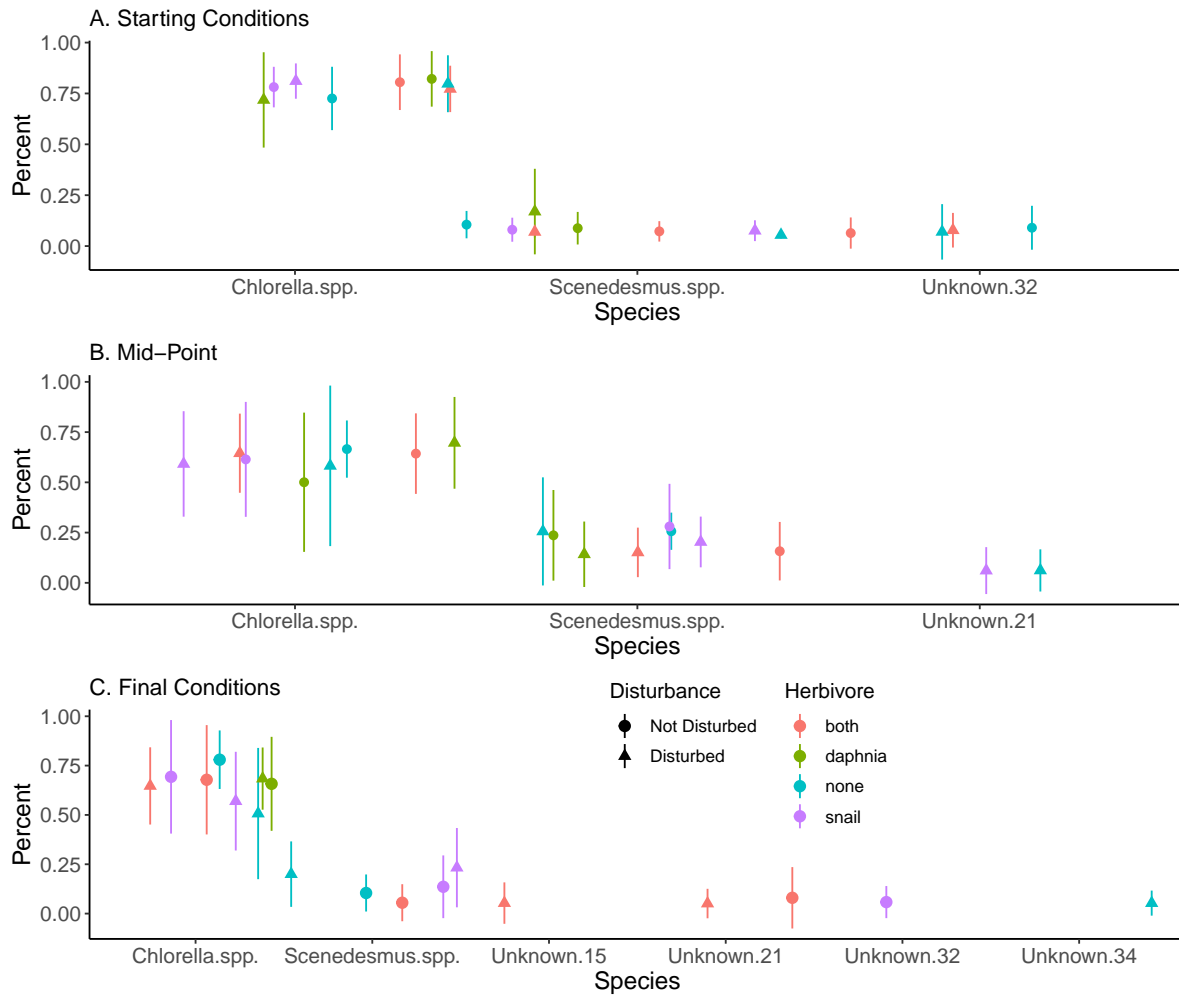


Figure 2: This figure shows all algal species on the first day of the experiment

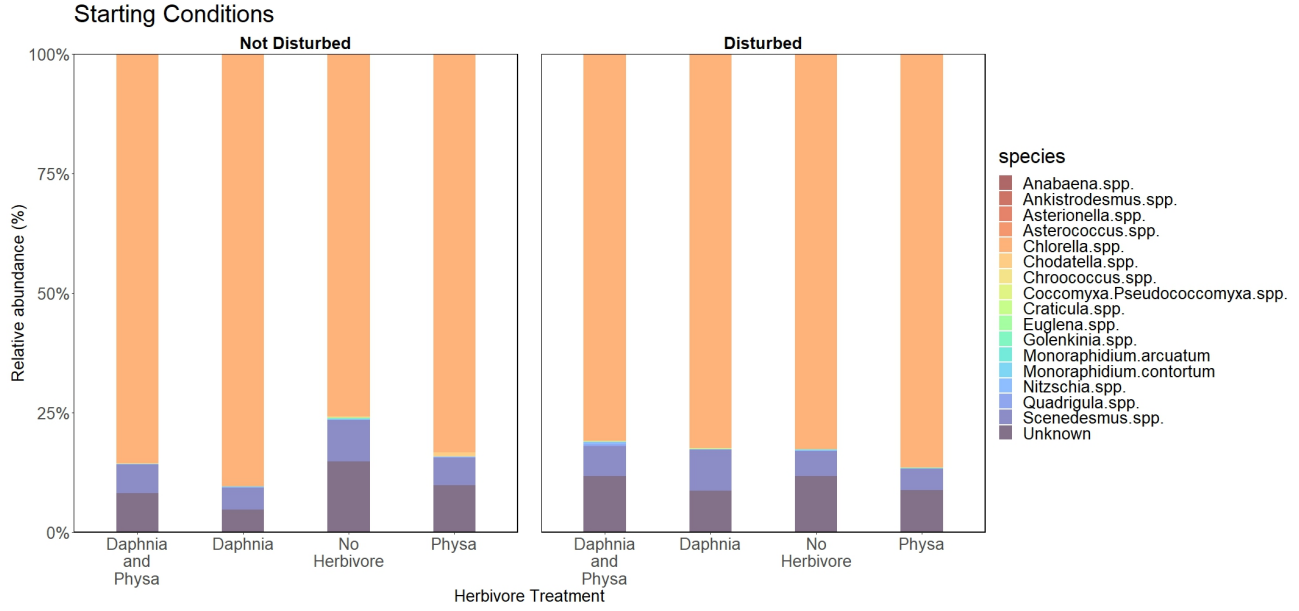


Figure 3: This figure shows all algal species at the mid-point of the experiment prior to any disturbance treatment

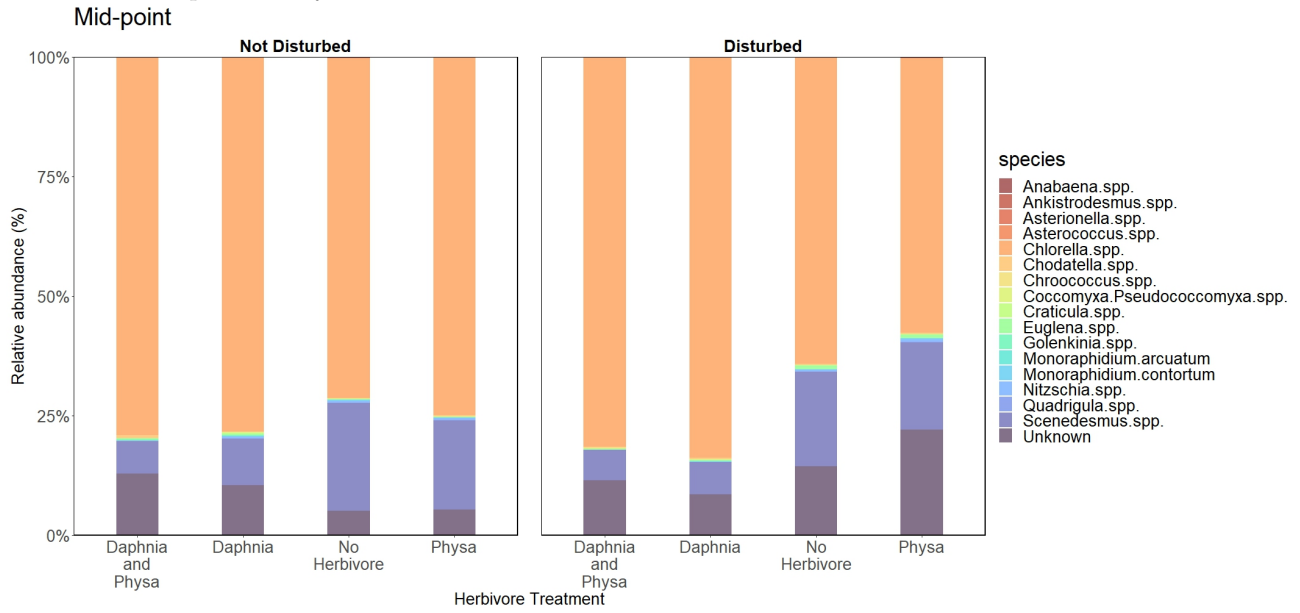
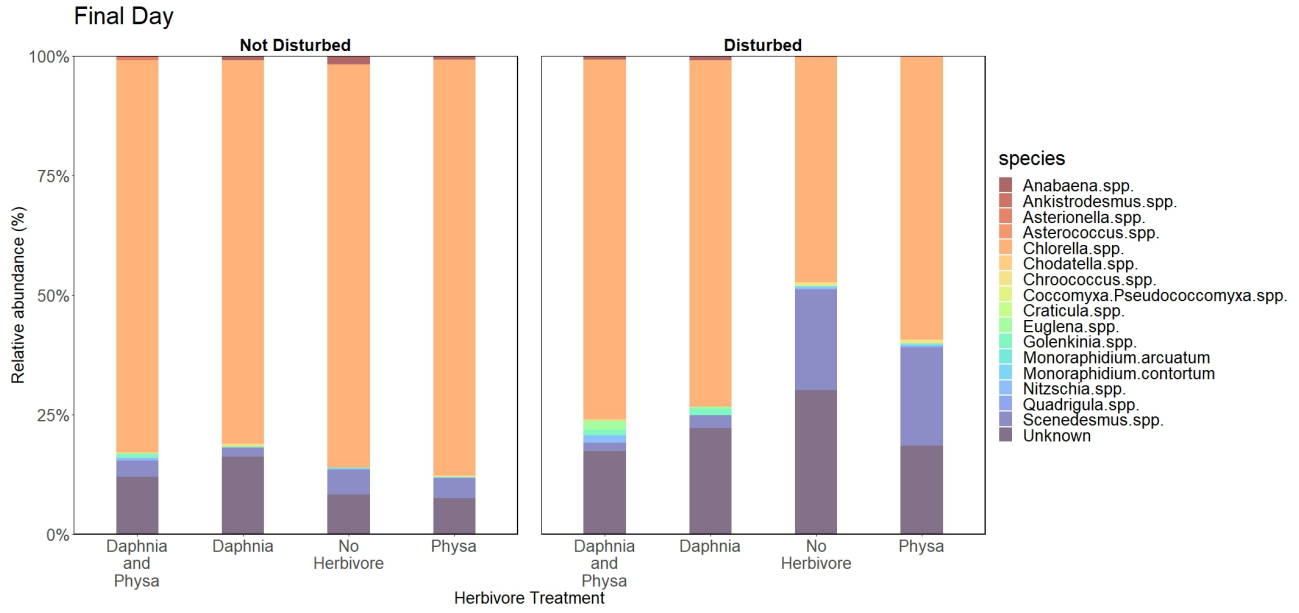


Figure 4: This figure shows all algal species at the end of the experiment



Algae Species Tables

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count | | | |
|--------------------------------------|---------------|------------------|---------------------|-------|---|-----------------|-----|
| <i>D. magna</i> and <i>Physa</i> sp. | Not Disturbed | 1 | Anabaena.spp. | 1 | | | |
| | | | Ankistrodesmus.spp. | 2 | | | |
| | | | Chlorella.spp. | 1617 | | | |
| | | | Chodatella.spp. | 1 | | | |
| | | | Chroococcus.spp. | 1 | | | |
| | | | Nitzschia.spp. | 3 | | | |
| | | | Scenedesmus.spp. | 114 | | | |
| | | | Unknown.36 | 1 | | | |
| | | | Unknown.14 | 2 | | | |
| | | | Unknown.15 | 3 | | | |
| | | | Unknown.17 | 6 | | | |
| | | | Unknown.21 | 3 | | | |
| | | | Unknown.27 | 1 | | | |
| | | | Unknown.30 | 4 | | | |
| | | | Unknown.31 | 6 | | | |
| | | | Unknown.32 | 68 | | | |
| | | | Unknown.34 | 5 | | | |
| | | | Unknown.35 | 1 | | | |
| | | | Unknown.37 | 2 | | | |
| | | | Unknown.38 | 1 | | | |
| | | | Unknown.39 | 19 | | | |
| | | | Unknown.4 | 1 | | | |
| | | | Unknown.41 | 1 | | | |
| | | | Unknown.42 | 2 | | | |
| | | | Unknown.9 | 28 | | | |
| | | | | | 2 | Chlorella.spp. | 718 |
| | | | | | | Chodatella.spp. | 5 |
| | | | | | | Euglena.spp. | 2 |
| | | | Golenkinia.spp. | 3 | | | |
| | | | Unknown.18 | 4 | | | |
| | | | Quadrigula.spp. | 1 | | | |
| | | | Scenedesmus.spp. | 61 | | | |
| | | | Unknown.10 | 1 | | | |
| | | | Unknown.11 | 3 | | | |
| | | | Unknown.14 | 1 | | | |
| | | | Unknown.15 | 1 | | | |
| | | | Unknown.17 | 4 | | | |
| | | | Unknown.19 | 1 | | | |
| | | | Unknown.21 | 9 | | | |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------|-------|
| | | | Unknown.22 | 5 |
| | | | Unknown.25 | 1 |
| | | | Unknown.26 | 1 |
| | | | Unknown.3 | 2 |
| | | | Unknown.30 | 2 |
| | | | Unknown.32 | 13 |
| | | | Unknown.34 | 5 |
| | | | Unknown.35 | 8 |
| | | | Unknown.37 | 10 |
| | | | Unknown.38 | 4 |
| | | | Unknown.4 | 1 |
| | | | Unknown.41 | 1 |
| | | | Unknown.42 | 3 |
| | | | Unknown.43 | 1 |
| | | | Unknown.44 | 4 |
| | | | Unknown.50 | 5 |
| | | | Unknown.55 | 2 |
| | | | Unknown.57 | 3 |
| | | | Unknown.62 | 1 |
| | | | Unknown.64 | 1 |
| | | | Unknown.65 | 2 |
| | | | Unknown.68 | 3 |
| | | | Unknown.69 | 2 |
| | | | Unknown.70 | 2 |
| | | | Unknown.9 | 11 |
| | | 3 | Anabaena.spp. | 1 |
| | | | Asterionella.spp. | 2 |
| | | | Chlorella.spp. | 268 |
| | | | Chroococcus.spp. | 1 |
| | | | Golenkinia.spp. | 3 |
| | | | Unknown.18 | 3 |
| | | | Nitzschia.spp. | 1 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 11 |
| | | | Unknown.14 | 1 |
| | | | Unknown.16 | 1 |
| | | | Unknown.21 | 10 |
| | | | Unknown.23 | 1 |
| | | | Unknown.25 | 1 |
| | | | Unknown.32 | 8 |
| | | | Unknown.35 | 3 |
| | | | Unknown.38 | 2 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|--------------------------------------|-----------|------------------|---------------------|-------|
| | | | Unknown.41 | 1 |
| | | | Unknown.42 | 1 |
| | | | Unknown.43 | 1 |
| | | | Unknown.44 | 1 |
| | | | Unknown.54 | 1 |
| | | | Unknown.9 | 4 |
| <i>D. magna</i> and <i>Physa</i> sp. | Disturbed | 1 | Ankistrodesmus.spp. | 1 |
| | | | Chlorella.spp. | 1064 |
| | | | Chodatella.spp. | 1 |
| | | | Euglena.spp. | 1 |
| | | | Golenkinia.spp. | 1 |
| | | | Nitzschia.spp. | 7 |
| | | | Quadrigula.spp. | 4 |
| | | | Scenedesmus.spp. | 82 |
| | | | Unknown.14 | 1 |
| | | | Unknown.15 | 1 |
| | | | Unknown.16 | 1 |
| | | | Unknown.17 | 4 |
| | | | Unknown.21 | 5 |
| | | | Unknown.23 | 1 |
| | | | Unknown.25 | 1 |
| | | | Unknown.31 | 8 |
| | | | Unknown.32 | 72 |
| | | | Unknown.34 | 6 |
| | | | Unknown.35 | 5 |
| | | | Unknown.37 | 1 |
| | | | Unknown.38 | 10 |
| | | | Unknown.39 | 12 |
| | | | Unknown.4 | 2 |
| | | | Unknown.42 | 2 |
| | | | Unknown.44 | 6 |
| | | | Unknown.45 | 2 |
| | | | Unknown.48 | 1 |
| | | | Unknown.8 | 1 |
| | | | Unknown.9 | 13 |
| | | 2 | Chlorella.spp. | 608 |
| | | | Chodatella.spp. | 1 |
| | | | Chroococcus.spp. | 2 |
| | | | Euglena.spp. | 2 |
| | | | known.18 | 1 |
| | | | Scenedesmus.spp. | 47 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|------------------|-------|
| | | | Unknown.10 | 2 |
| | | | Unknown.11 | 1 |
| | | | Unknown.14 | 4 |
| | | | Unknown.15 | 1 |
| | | | Unknown.19 | 7 |
| | | | Unknown.21 | 15 |
| | | | Unknown.22 | 3 |
| | | | Unknown.32 | 7 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 3 |
| | | | Unknown.37 | 6 |
| | | | Unknown.38 | 2 |
| | | | Unknown.39 | 1 |
| | | | Unknown.4 | 1 |
| | | | Unknown.41 | 1 |
| | | | Unknown.42 | 1 |
| | | | Unknown.49 | 1 |
| | | | Unknown.50 | 6 |
| | | | Unknown.55 | 2 |
| | | | Unknown.57 | 2 |
| | | | Unknown.60 | 1 |
| | | | Unknown.61 | 1 |
| | | | Unknown.62 | 1 |
| | | | Unknown.64 | 2 |
| | | | Unknown.65 | 1 |
| | | | Unknown.66 | 1 |
| | | | Unknown.68 | 2 |
| | | | Unknown.9 | 9 |
| | | 3 | Anabaena.spp. | 2 |
| | | | Chlorella.spp. | 200 |
| | | | Chodatella.spp. | 1 |
| | | | Euglena.spp. | 5 |
| | | | Golenkinia.spp. | 3 |
| | | | Nitzschia.spp. | 4 |
| | | | Scenedesmus.spp. | 5 |
| | | | Unknown.14 | 1 |
| | | | Unknown.15 | 5 |
| | | | Unknown.16 | 1 |
| | | | Unknown.20 | 1 |
| | | | Unknown.21 | 8 |
| | | | Unknown.22 | 1 |
| | | | Unknown.25 | 1 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|----------------------|---------------|------------------|-------------------------|-------|
| | | | Unknown.26 | 1 |
| | | | Unknown.32 | 12 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 2 |
| | | | Unknown.37 | 1 |
| | | | Unknown.38 | 1 |
| | | | Unknown.39 | 1 |
| | | | Unknown.41 | 1 |
| | | | Unknown.50 | 1 |
| | | | Unknown.56 | 1 |
| | | | Unknown.58 | 1 |
| | | | Unknown.9 | 5 |
| <i>D. magna</i> only | Not Disturbed | 1 | Ankistrodesmus.spp. | 2 |
| | | | Chlorella.spp. | 2180 |
| | | | Chodatella.spp. | 1 |
| | | | Chroococcus.spp. | 1 |
| | | | Monoraphidium contortum | 1 |
| | | | Nitzschia.spp. | 4 |
| | | | Scenedesmus.spp. | 110 |
| | | | Unknown.10 | 1 |
| | | | Unknown.13 | 1 |
| | | | Unknown.14 | 1 |
| | | | Unknown.15 | 1 |
| | | | Unknown.16 | 4 |
| | | | Unknown.17 | 9 |
| | | | Unknown.21 | 3 |
| | | | Unknown.23 | 1 |
| | | | Unknown.3 | 2 |
| | | | Unknown.31 | 3 |
| | | | Unknown.32 | 32 |
| | | | Unknown.34 | 8 |
| | | | Unknown.35 | 3 |
| | | | Unknown.37 | 2 |
| | | | Unknown.38 | 3 |
| | | | Unknown.39 | 7 |
| | | | Unknown.4 | 1 |
| | | | Unknown.41 | 1 |
| | | | Unknown.43 | 2 |
| | | | Unknown.44 | 5 |
| | | | Unknown.48 | 1 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|------------------------|-------|
| | | | Unknown.6 | 1 |
| | | | Unknown.9 | 22 |
| | | 2 | Chlorella.spp. | 559 |
| | | | Chodatella.spp. | 1 |
| | | | Coccomyxa | 1 |
| | | | Pseudococcomyxa.spp. | |
| | | | Craticula.spp. | 2 |
| | | | Euglena.spp. | 2 |
| | | | Golenkinia.spp. | 1 |
| | | | Unknown.18 | 1 |
| | | | Monoraphidium arcuatum | 1 |
| | | | Nitzschia.spp. | 2 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 69 |
| | | | Unknown.10 | 2 |
| | | | Unknown.14 | 1 |
| | | | Unknown.21 | 11 |
| | | | Unknown.22 | 5 |
| | | | Unknown.25 | 2 |
| | | | Unknown.3 | 1 |
| | | | Unknown.30 | 1 |
| | | | Unknown.32 | 14 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 3 |
| | | | Unknown.37 | 12 |
| | | | Unknown.38 | 3 |
| | | | Unknown.4 | 1 |
| | | | Unknown.50 | 5 |
| | | | Unknown.55 | 1 |
| | | | Unknown.56 | 2 |
| | | | Unknown.6 | 1 |
| | | | Unknown.63 | 1 |
| | | | Unknown.68 | 2 |
| | | | Unknown.69 | 1 |
| | | | Unknown.9 | 4 |
| | | 3 | Anabaena.spp. | 3 |
| | | | Chlorella.spp. | 253 |
| | | | Chodatella.spp. | 1 |
| | | | Chroococcus.spp. | 1 |
| | | | Golenkinia.spp. | 1 |
| | | | Unknown.18 | 3 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|----------------------|------------------|------------------|------------------|-------|
| | | | Scenedesmus.spp. | 6 |
| | | | Unknown.10 | 1 |
| | | | Unknown.11 | 1 |
| | | | Unknown.14 | 2 |
| | | | Unknown.15 | 5 |
| | | | Unknown.17 | 1 |
| | | | Unknown.19 | 1 |
| | | | Unknown.20 | 1 |
| | | | Unknown.21 | 8 |
| | | | Unknown.22 | 2 |
| | | | Unknown.25 | 1 |
| | | | Unknown.3 | 1 |
| | | | Unknown.31 | 1 |
| | | | Unknown.32 | 15 |
| | | | Unknown.35 | 2 |
| | | | Unknown.38 | 1 |
| | | | Unknown.44 | 1 |
| | | | Unknown.48 | 1 |
| | | | Unknown.63 | 1 |
| | | | Unknown.9 | 2 |
| <i>D. magna</i> only | Disturbed | 1 | Anabaena.spp. | 1 |
| | | | Chlorella.spp. | 1079 |
| | | | Chodatella.spp. | 1 |
| | | | Chroococcus.spp. | 1 |
| | | | Euglena.spp. | 1 |
| | | | Golenkinia.spp. | 1 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 113 |
| | | | Unknown.10 | 1 |
| | | | Unknown.14 | 1 |
| | | | Unknown.15 | 6 |
| | | | Unknown.16 | 2 |
| | | | Unknown.17 | 5 |
| | | | Unknown.21 | 1 |
| | | | Unknown.25 | 1 |
| | | | Unknown.27 | 1 |
| | | | Unknown.30 | 4 |
| | | | Unknown.31 | 1 |
| | | | Unknown.32 | 21 |
| | | | Unknown.38 | 24 |
| | | | Unknown.39 | 4 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.41 | 2 |
| | | | Unknown.44 | 5 |
| | | | Unknown.45 | 2 |
| | | | Unknown.9 | 32 |
| | | 2 | Ankistrodesmus.spp. | 1 |
| | | | Chlorella.spp. | 961 |
| | | | Chodatella.spp. | 3 |
| | | | Chroococcus.spp. | 1 |
| | | | Craticula.spp. | 1 |
| | | | Euglena.spp. | 2 |
| | | | Golenkinia.spp. | 1 |
| | | | Unknown.18 | 1 |
| | | | Monoraphidium contortum | 1 |
| | | | Nitzschia.spp. | 1 |
| | | | Scenedesmus.spp. | 77 |
| | | | Unknown.36 | 1 |
| | | | Unknown.10 | 2 |
| | | | Unknown.11 | 2 |
| | | | Unknown.14 | 1 |
| | | | Unknown.15 | 1 |
| | | | Unknown.17 | 4 |
| | | | Unknown.19 | 2 |
| | | | Unknown.21 | 18 |
| | | | Unknown.22 | 1 |
| | | | Unknown.25 | 2 |
| | | | Unknown.26 | 1 |
| | | | Unknown.31 | 2 |
| | | | Unknown.32 | 7 |
| | | | Unknown.34 | 4 |
| | | | Unknown.35 | 4 |
| | | | Unknown.37 | 8 |
| | | | Unknown.38 | 2 |
| | | | Unknown.4 | 3 |
| | | | Unknown.41 | 1 |
| | | | Unknown.42 | 3 |
| | | | Unknown.44 | 4 |
| | | | Unknown.49 | 1 |
| | | | Unknown.50 | 7 |
| | | | Unknown.52 | 1 |
| | | | Unknown.55 | 1 |
| | | | Unknown.56 | 2 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|------------------------|----------------------|------------------|---------------------|-------|
| | | | Unknown.58 | 1 |
| | | | Unknown.63 | 1 |
| | | | Unknown.65 | 1 |
| | | | Unknown.66 | 1 |
| | | | Unknown.68 | 1 |
| | | | Unknown.9 | 7 |
| | | 3 | Anabaena.spp. | 2 |
| | | | Chlorella.spp. | 160 |
| | | | Euglena.spp. | 1 |
| | | | Golenkinia.spp. | 3 |
| | | | Unknown.18 | 3 |
| | | | Scenedesmus.spp. | 6 |
| | | | Unknown.15 | 4 |
| | | | Unknown.16 | 1 |
| | | | Unknown.17 | 1 |
| | | | Unknown.19 | 1 |
| | | | Unknown.21 | 4 |
| | | | Unknown.22 | 4 |
| | | | Unknown.23 | 2 |
| | | | Unknown.25 | 2 |
| | | | Unknown.27 | 1 |
| | | | Unknown.32 | 10 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 1 |
| | | | Unknown.38 | 5 |
| | | | Unknown.56 | 1 |
| | | | Unknown.60 | 1 |
| | | | Unknown.62 | 1 |
| | | | Unknown.65 | 1 |
| | | | Unknown.9 | 5 |
| <i>Physsa</i> sp. only | Not Disturbed | 1 | Ankistrodesmus.spp. | 1 |
| | | | Chlorella.spp. | 821 |
| | | | Chodatella.spp. | 8 |
| | | | Chroococcus.spp. | 1 |
| | | | Nitzschia.spp. | 1 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 57 |
| | | | Unknown.36 | 2 |
| | | | Unknown.10 | 1 |
| | | | Unknown.14 | 2 |
| | | | Unknown.15 | 2 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.17 | 2 |
| | | | Unknown.21 | 8 |
| | | | Unknown.31 | 2 |
| | | | Unknown.32 | 22 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 2 |
| | | | Unknown.38 | 5 |
| | | | Unknown.39 | 7 |
| | | | Unknown.42 | 2 |
| | | | Unknown.44 | 3 |
| | | | Unknown.45 | 1 |
| | | | Unknown.48 | 1 |
| | | | Unknown.9 | 34 |
| | | 2 | Ankistrodesmus.spp. | 3 |
| | | | Chlorella.spp. | 1555 |
| | | | Chodatella.spp. | 4 |
| | | | Chroococcus.spp. | 1 |
| | | | Coccomyxa | 1 |
| | | | Pseudococcomyxa.spp. | |
| | | | Craticula.spp. | 1 |
| | | | Euglena.spp. | 2 |
| | | | Golenkinia.spp. | 1 |
| | | | Unknown.18 | 2 |
| | | | Monoraphidium contortum | 3 |
| | | | Nitzschia.spp. | 8 |
| | | | Quadrigula.spp. | 2 |
| | | | Scenedesmus.spp. | 388 |
| | | | Unknown.10 | 2 |
| | | | Unknown.14 | 1 |
| | | | Unknown.17 | 14 |
| | | | Unknown.19 | 1 |
| | | | Unknown.21 | 2 |
| | | | Unknown.22 | 4 |
| | | | Unknown.25 | 3 |
| | | | Unknown.26 | 7 |
| | | | Unknown.3 | 1 |
| | | | Unknown.30 | 2 |
| | | | Unknown.31 | 1 |
| | | | Unknown.32 | 6 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 12 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.38 | 7 |
| | | | Unknown.42 | 1 |
| | | | Unknown.43 | 4 |
| | | | Unknown.44 | 2 |
| | | | Unknown.45 | 1 |
| | | | Unknown.50 | 6 |
| | | | Unknown.54 | 1 |
| | | | Unknown.55 | 2 |
| | | | Unknown.56 | 1 |
| | | | Unknown.57 | 3 |
| | | | Unknown.61 | 1 |
| | | | Unknown.62 | 4 |
| | | | Unknown.66 | 2 |
| | | | Unknown.67 | 1 |
| | | | Unknown.9 | 15 |
| | | 3 | Anabaena.spp. | 41 |
| | | | Ankistrodesmus.spp. | 2 |
| | | | Chlorella.spp. | 4429 |
| | | | Chodatella.spp. | 3 |
| | | | Chroococcus.spp. | 12 |
| | | | Coccomyxa | 1 |
| | | | Pseudococcomyxa.spp. | |
| | | | Golenkinia.spp. | 2 |
| | | | Unknown.18 | 2 |
| | | | Monoraphidium contortum | 5 |
| | | | Nitzschia.spp. | 4 |
| | | | Scenedesmus.spp. | 217 |
| | | | Unknown.10 | 2 |
| | | | Unknown.14 | 1 |
| | | | Unknown.15 | 3 |
| | | | Unknown.16 | 2 |
| | | | Unknown.21 | 4 |
| | | | Unknown.23 | 2 |
| | | | Unknown.25 | 2 |
| | | | Unknown.26 | 3 |
| | | | Unknown.3 | 1 |
| | | | Unknown.30 | 2 |
| | | | Unknown.32 | 291 |
| | | | Unknown.35 | 2 |
| | | | Unknown.38 | 3 |
| | | | Unknown.41 | 3 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|-----------------------|------------------|------------------|---------------------|-------|
| | | | Unknown.42 | 1 |
| | | | Unknown.43 | 5 |
| | | | Unknown.45 | 8 |
| | | | Unknown.48 | 2 |
| | | | Unknown.50 | 5 |
| | | | Unknown.52 | 1 |
| | | | Unknown.54 | 1 |
| | | | Unknown.60 | 4 |
| | | | Unknown.61 | 1 |
| | | | Unknown.62 | 3 |
| | | | Unknown.63 | 3 |
| | | | Unknown.64 | 10 |
| | | | Unknown.67 | 1 |
| | | | Unknown.9 | 12 |
| <i>Phyca</i> sp. only | Disturbed | 1 | Ankistrodesmus.spp. | 2 |
| | | | Chlorella.spp. | 1374 |
| | | | Chodatella.spp. | 1 |
| | | | Euglena.spp. | 1 |
| | | | Golenkinia.spp. | 1 |
| | | | Nitzschia.spp. | 1 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 70 |
| | | | Unknown.10 | 1 |
| | | | Unknown.11 | 1 |
| | | | Unknown.14 | 4 |
| | | | Unknown.16 | 1 |
| | | | Unknown.17 | 10 |
| | | | Unknown.21 | 13 |
| | | | Unknown.27 | 2 |
| | | | Unknown.30 | 1 |
| | | | Unknown.31 | 4 |
| | | | Unknown.32 | 8 |
| | | | Unknown.34 | 2 |
| | | | Unknown.35 | 2 |
| | | | Unknown.38 | 4 |
| | | | Unknown.39 | 18 |
| | | | Unknown.4 | 2 |
| | | | Unknown.42 | 10 |
| | | | Unknown.44 | 10 |
| | | | Unknown.45 | 2 |
| | | | Unknown.9 | 45 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | 2 | Ankistrodesmus.spp. | 7 |
| | | | Chlorella.spp. | 1160 |
| | | | Chodatella.spp. | 5 |
| | | | Chroococcus.spp. | 1 |
| | | | Coccomyxa | 1 |
| | | | Pseudococcomyxa.spp. | |
| | | | Craticula.spp. | 1 |
| | | | Euglena.spp. | 15 |
| | | | Golenkinia.spp. | 1 |
| | | | known.18 | 3 |
| | | | Monoraphidium contortum | 5 |
| | | | Nitzschia.spp. | 10 |
| | | | Quadrigula.spp. | 3 |
| | | | Scenedesmus.spp. | 369 |
| | | | Unknwn.36 | 4 |
| | | | Unknown.10 | 8 |
| | | | Unknown.11 | 4 |
| | | | Unknown.14 | 6 |
| | | | Unknown.15 | 1 |
| | | | Unknown.17 | 6 |
| | | | Unknown.19 | 2 |
| | | | Unknown.21 | 259 |
| | | | Unknown.22 | 11 |
| | | | Unknown.25 | 2 |
| | | | Unknown.26 | 2 |
| | | | Unknown.3 | 2 |
| | | | Unknown.30 | 4 |
| | | | Unknown.31 | 1 |
| | | | Unknown.32 | 4 |
| | | | Unknown.34 | 2 |
| | | | Unknown.35 | 18 |
| | | | Unknown.37 | 4 |
| | | | Unknown.38 | 4 |
| | | | Unknown.39 | 2 |
| | | | Unknown.4 | 2 |
| | | | Unknown.42 | 8 |
| | | | Unknown.43 | 2 |
| | | | Unknown.44 | 8 |
| | | | Unknown.50 | 8 |
| | | | Unknown.55 | 2 |
| | | | Unknown.57 | 4 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.6 | 3 |
| | | | Unknown.60 | 1 |
| | | | Unknown.62 | 1 |
| | | | Unknown.65 | 1 |
| | | | Unknown.66 | 23 |
| | | | Unknown.68 | 1 |
| | | | Unknown.69 | 1 |
| | | | Unknown.9 | 31 |
| | | 3 | Anabaena.spp. | 3 |
| | | | Ankistrodesmus.spp. | 5 |
| | | | Chlorella.spp. | 2686 |
| | | | Chodatella.spp. | 1 |
| | | | Chroococcus.spp. | 36 |
| | | | Euglena.spp. | 2 |
| | | | Golenkinia.spp. | 9 |
| | | | Unknown.18 | 12 |
| | | | Monoraphidium arcuatum | 1 |
| | | | Monoraphidium contortum | 10 |
| | | | Nitzschia.spp. | 7 |
| | | | Quadrigula.spp. | 10 |
| | | | Scenedesmus.spp. | 937 |
| | | | Unknown.36 | 8 |
| | | | Unknown.10 | 33 |
| | | | Unknown.11 | 7 |
| | | | Unknown.14 | 3 |
| | | | Unknown.15 | 7 |
| | | | Unknown.16 | 1 |
| | | | Unknown.17 | 30 |
| | | | Unknown.19 | 3 |
| | | | Unknown.21 | 62 |
| | | | Unknown.22 | 1 |
| | | | Unknown.23 | 4 |
| | | | Unknown.25 | 10 |
| | | | Unknown.26 | 14 |
| | | | Unknown.27 | 6 |
| | | | Unknown.3 | 4 |
| | | | Unknown.30 | 2 |
| | | | Unknown.32 | 153 |
| | | | Unknown.34 | 117 |
| | | | Unknown.35 | 26 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|----------------------------|----------------------|------------------|-------------------------|-------|
| | | | Unknown.37 | 3 |
| | | | Unknown.38 | 41 |
| | | | Unknown.39 | 9 |
| | | | Unknown.4 | 1 |
| | | | Unknown.41 | 1 |
| | | | Unknown.43 | 17 |
| | | | Unknown.44 | 4 |
| | | | Unknown.45 | 9 |
| | | | Unknown.48 | 25 |
| | | | Unknown.50 | 7 |
| | | | Unknown.51 | 4 |
| | | | Unknown.54 | 18 |
| | | | Unknown.55 | 1 |
| | | | Unknown.56 | 1 |
| | | | Unknown.57 | 6 |
| | | | Unknown.58 | 1 |
| | | | Unknown.60 | 14 |
| | | | Unknown.61 | 2 |
| | | | Unknown.62 | 26 |
| | | | Unknown.63 | 8 |
| | | | Unknown.64 | 6 |
| | | | Unknown.65 | 2 |
| | | | Unknown.9 | 128 |
| <i>No Herbivore</i> | Not Disturbed | 1 | Ankistrodesmus.spp. | 1 |
| | | | Chlorella.spp. | 969 |
| | | | Chodatella.spp. | 2 |
| | | | Chroococcus.spp. | 1 |
| | | | Euglena.spp. | 1 |
| | | | Golenkinia.spp. | 2 |
| | | | Monoraphidium contortum | 1 |
| | | | Nitzschia.spp. | 2 |
| | | | Scenedesmus.spp. | 111 |
| | | | Unknown.36 | 3 |
| | | | Unknown.11 | 1 |
| | | | Unknown.14 | 2 |
| | | | Unknown.16 | 3 |
| | | | Unknown.17 | 6 |
| | | | Unknown.21 | 8 |
| | | | Unknown.23 | 1 |
| | | | Unknown.25 | 2 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.27 | 1 |
| | | | Unknown.3 | 1 |
| | | | Unknown.30 | 1 |
| | | | Unknown.32 | 103 |
| | | | Unknown.34 | 3 |
| | | | Unknown.35 | 4 |
| | | | Unknown.37 | 2 |
| | | | Unknown.38 | 12 |
| | | | Unknown.39 | 11 |
| | | | Unknown.40 | 1 |
| | | | Unknown.42 | 1 |
| | | | Unknown.43 | 1 |
| | | | Unknown.44 | 6 |
| | | | Unknown.45 | 1 |
| | | | Unknown.50 | 2 |
| | | | Unknown.51 | 1 |
| | | | Unknown.52 | 1 |
| | | | Unknown.9 | 11 |
| | | 2 | Anabaena.spp. | 1 |
| | | | Ankistrodesmus.spp. | 4 |
| | | | Chlorella.spp. | 1240 |
| | | | Chodatella.spp. | 2 |
| | | | Chroococcus.spp. | 1 |
| | | | Craticula.spp. | 2 |
| | | | Euglena.spp. | 3 |
| | | | Unknown.18 | 1 |
| | | | Monoraphidium contortum | 4 |
| | | | Nitzschia.spp. | 5 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 395 |
| | | | Unknown.36 | 1 |
| | | | Unknown.10 | 4 |
| | | | Unknown.14 | 1 |
| | | | Unknown.17 | 4 |
| | | | Unknown.19 | 1 |
| | | | Unknown.21 | 3 |
| | | | Unknown.22 | 3 |
| | | | Unknown.25 | 1 |
| | | | Unknown.26 | 3 |
| | | | Unknown.3 | 1 |
| | | | Unknown.30 | 3 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.32 | 2 |
| | | | Unknown.34 | 3 |
| | | | Unknown.35 | 2 |
| | | | Unknown.37 | 1 |
| | | | Unknown.38 | 2 |
| | | | Unknown.43 | 3 |
| | | | Unknown.45 | 1 |
| | | | Unknown.50 | 8 |
| | | | Unknown.54 | 1 |
| | | | Unknown.55 | 2 |
| | | | Unknown.56 | 2 |
| | | | Unknown.6 | 1 |
| | | | Unknown.60 | 4 |
| | | | Unknown.62 | 2 |
| | | | Unknown.64 | 4 |
| | | | Unknown.65 | 1 |
| | | | Unknown.66 | 1 |
| | | | Unknown.68 | 1 |
| | | | Unknown.69 | 1 |
| | | | Unknown.9 | 20 |
| | | 3 | Anabaena.spp. | 73 |
| | | | Ankistrodesmus.spp. | 5 |
| | | | Chlorella.spp. | 3543 |
| | | | Chodatella.spp. | 4 |
| | | | Chroococcus.spp. | 1 |
| | | | Golenkinia.spp. | 1 |
| | | | Unknown.18 | 3 |
| | | | Monoraphidium contortum | 5 |
| | | | Nitzschia.spp. | 6 |
| | | | Scenedesmus.spp. | 224 |
| | | | Unknown.10 | 2 |
| | | | Unknown.11 | 1 |
| | | | Unknown.14 | 2 |
| | | | Unknown.15 | 1 |
| | | | Unknown.17 | 5 |
| | | | Unknown.19 | 1 |
| | | | Unknown.20 | 1 |
| | | | Unknown.21 | 1 |
| | | | Unknown.23 | 1 |
| | | | Unknown.26 | 3 |
| | | | Unknown.3 | 1 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|----------------------------|------------------|------------------|------------------|-------|
| | | | Unknown.30 | 1 |
| | | | Unknown.31 | 1 |
| | | | Unknown.32 | 271 |
| | | | Unknown.34 | 4 |
| | | | Unknown.35 | 4 |
| | | | Unknown.38 | 2 |
| | | | Unknown.39 | 4 |
| | | | Unknown.4 | 1 |
| | | | Unknown.41 | 2 |
| | | | Unknown.44 | 3 |
| | | | Unknown.45 | 1 |
| | | | Unknown.48 | 1 |
| | | | Unknown.50 | 3 |
| | | | Unknown.51 | 1 |
| | | | Unknown.52 | 2 |
| | | | Unknown.54 | 1 |
| | | | Unknown.55 | 2 |
| | | | Unknown.60 | 4 |
| | | | Unknown.62 | 1 |
| | | | Unknown.9 | 15 |
| <i>No Herbivore</i> | Disturbed | 1 | Chlorella.spp. | 1347 |
| | | | Golenkinia.spp. | 1 |
| | | | Unknown.18 | 1 |
| | | | Nitzschia.spp. | 4 |
| | | | Scenedesmus.spp. | 87 |
| | | | Unknown.11 | 2 |
| | | | Unknown.13 | 1 |
| | | | Unknown.15 | 7 |
| | | | Unknown.16 | 2 |
| | | | Unknown.17 | 13 |
| | | | Unknown.21 | 9 |
| | | | Unknown.23 | 2 |
| | | | Unknown.25 | 4 |
| | | | Unknown.27 | 2 |
| | | | Unknown.30 | 1 |
| | | | Unknown.31 | 6 |
| | | | Unknown.32 | 76 |
| | | | Unknown.34 | 1 |
| | | | Unknown.35 | 2 |
| | | | Unknown.37 | 2 |
| | | | Unknown.38 | 9 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.39 | 11 |
| | | | Unknown.42 | 1 |
| | | | Unknown.44 | 4 |
| | | | Unknown.9 | 34 |
| | | 2 | Ankistrodesmus.spp. | 5 |
| | | | Chlorella.spp. | 1607 |
| | | | Chodatella.spp. | 5 |
| | | | Chroococcus.spp. | 1 |
| | | | Craticula.spp. | 2 |
| | | | Euglena.spp. | 21 |
| | | | known.18 | 5 |
| | | | Monoraphidium contortum | 3 |
| | | | Nitzschia.spp. | 9 |
| | | | Quadrigula.spp. | 1 |
| | | | Scenedesmus.spp. | 494 |
| | | | Unknown.10 | 7 |
| | | | Unknown.11 | 4 |
| | | | Unknown.15 | 1 |
| | | | Unknown.17 | 12 |
| | | | Unknown.19 | 1 |
| | | | Unknown.21 | 207 |
| | | | Unknown.25 | 3 |
| | | | Unknown.26 | 1 |
| | | | Unknown.3 | 1 |
| | | | Unknown.30 | 8 |
| | | | Unknown.31 | 1 |
| | | | Unknown.32 | 5 |
| | | | Unknown.34 | 2 |
| | | | Unknown.35 | 1 |
| | | | Unknown.37 | 5 |
| | | | Unknown.38 | 39 |
| | | | Unknown.41 | 1 |
| | | | Unknown.42 | 2 |
| | | | Unknown.43 | 1 |
| | | | Unknown.44 | 7 |
| | | | Unknown.50 | 16 |
| | | | Unknown.54 | 1 |
| | | | Unknown.60 | 2 |
| | | | Unknown.61 | 1 |
| | | | Unknown.62 | 2 |
| | | | Unknown.66 | 14 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|-------------------------|-------|
| | | | Unknown.9 | 12 |
| | | 3 | Anabaena.spp. | 6 |
| | | | Ankistrodesmus.spp. | 5 |
| | | | Chlorella.spp. | 1927 |
| | | | Chodatella.spp. | 3 |
| | | | Chroococcus.spp. | 24 |
| | | | Coccomyxa | 3 |
| | | | Pseudococcomyxa.spp. | |
| | | | Euglena.spp. | 2 |
| | | | Golenkinia.spp. | 6 |
| | | | Unknown.18 | 19 |
| | | | Monoraphidium contortum | 9 |
| | | | Nitzschia.spp. | 11 |
| | | | Quadrigula.spp. | 5 |
| | | | Scenedesmus.spp. | 861 |
| | | | Unknown.36 | 6 |
| | | | Unknown.10 | 48 |
| | | | Unknown.11 | 6 |
| | | | Unknown.14 | 4 |
| | | | Unknown.15 | 2 |
| | | | Unknown.16 | 2 |
| | | | Unknown.17 | 108 |
| | | | Unknown.21 | 111 |
| | | | Unknown.22 | 2 |
| | | | Unknown.23 | 4 |
| | | | Unknown.25 | 29 |
| | | | Unknown.26 | 33 |
| | | | Unknown.27 | 1 |
| | | | Unknown.28 | 6 |
| | | | Unknown.3 | 17 |
| | | | Unknown.30 | 1 |
| | | | Unknown.31 | 7 |
| | | | Unknown.32 | 79 |
| | | | Unknown.34 | 281 |
| | | | Unknown.35 | 63 |
| | | | Unknown.37 | 2 |
| | | | Unknown.38 | 70 |
| | | | Unknown.39 | 13 |
| | | | Unknown.4 | 2 |
| | | | Unknown.40 | 1 |
| | | | Unknown.41 | 1 |

Table 1: Algal species found each treatment

| Herbivore Treatment | Disturb | Collection point | Taxa | Count |
|---------------------|---------|------------------|------------|-------|
| | | | Unknown.43 | 9 |
| | | | Unknown.44 | 8 |
| | | | Unknown.45 | 13 |
| | | | Unknown.48 | 75 |
| | | | Unknown.50 | 4 |
| | | | Unknown.52 | 3 |
| | | | Unknown.54 | 3 |
| | | | Unknown.55 | 1 |
| | | | Unknown.56 | 1 |
| | | | Unknown.57 | 14 |
| | | | Unknown.6 | 2 |
| | | | Unknown.60 | 33 |
| | | | Unknown.61 | 1 |
| | | | Unknown.62 | 39 |
| | | | Unknown.63 | 5 |
| | | | Unknown.64 | 25 |
| | | | Unknown.65 | 3 |
| | | | Unknown.66 | 3 |
| | | | Unknown.9 | 73 |