# SIMPER Analysis Results for Day 10: HW vs Control

| species | average | sd | ratio | ava | avb | cumsum | p |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Charophyta | 0.238 | 0.218 | 1.093 | 32.657 | 135.963 | 0.363 | 0.031 |
| Dinophyta | 0.128 | 0.109 | 1.176 | 9.747 | 65.023 | 0.559 | 0.026 |
| Cryptophyta | 0.118 | 0.085 | 1.387 | 13.064 | 45.836 | 0.740 | 0.001 |
| Ciliophora | 0.085 | 0.091 | 0.929 | 45.517 | 17.516 | 0.869 | 0.975 |
| Bacillariophyta | 0.060 | 0.068 | 0.878 | 5.035 | 34.741 | 0.960 | 0.001 |
| Chlorophyta | 0.019 | 0.022 | 0.873 | 3.339 | 11.008 | 0.990 | 0.098 |
| Cyanobacteria | 0.004 | 0.006 | 0.762 | 0.550 | 2.366 | 0.997 | 0.634 |
| Euglenophyta | 0.002 | 0.003 | 0.751 | 1.014 | 0.765 | 1.000 | 0.948 |
| Synurophyta | 0.000 | 0.000 |  | 0.000 | 0.000 | 1.000 | 0.001 |

# Species Biomass Comparison for Day 10: HW vs Control

| species | HW\_abundance | Control\_abundance |
| --- | --- | --- |
| Charophyta | 75.617 | 63.297 |
| Dinophyta | 88.120 | 98.494 |
| Cryptophyta | 53.286 | 22.060 |
| Ciliophora | 25.426 | 33.714 |
| Bacillariophyta | 50.502 | 5.304 |
| Chlorophyta | 59.672 | 27.829 |
| Cyanobacteria | 81.630 | 88.720 |
| Euglenophyta | 72.234 | 67.148 |
| Synurophyta | 42.658 | 42.363 |