Supplementary Material

Manipulation of non-random species loss in natural phytoplankton: qualitative and quantitative evaluation of different approaches

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**Supplementary Table 3.** Relative abundances of the different species present in the treatments at bloom peak. Values are given in percent (%) of the total biomass per treatment. Co = control, S = heat stressed treatment, F1 = coarse filtration, F2 = fine filtration, D1 = weak dilution, D2 = strong dilution. SxD1 = weak dilution of heat stressed, SxD2 = strong dilution of heat stressed.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Abbrev. | Co | S | F1 | F2 | D1 | D2 | SxD1 | SxD2 |
| *Skeletonema costatum* | *SKE* | 64.88 | 91.67 | 67.13 | 85.64 | 64.17 | 52.54 | 79.26 | 71.39 |
| *Detonula confervaceae* | *DET* | 12.09 | 0.24 | 10.41 | 3.48 | 4.47 | 5.52 | 0.11 | 0.25 |
| *Chaetoceros spp.* | *CHA* | 10.14 | 3.89 | 10.46 | 0.24 | 9.48 | 2.32 | 14.74 | 24.37 |
| *Thalassiosira spp.* | *THA* | 5.85 | 2.03 | 5.67 | 6.91 | 5.71 | 5.94 | 2.18 | 2.10 |
| *Thalassiosira rotula* | *THAR* | 5.64 | 0.00 | 4.64 | 0.00 | 13.81 | 33.24 | 0.00 | 0.00 |
| *Thalassionema nitzschoides* | *THAN* | 0.31 | 0.39 | 0.18 | 0.11 | 0.07 | 0.12 | 0.06 | 0.00 |
| *Nitzschia microcephala* | *NIT* | 0.04 | 0.10 | 0.07 | 0.06 | 0.11 | 0.06 | 0.02 | 1.26 |
| *Navicula spp.* | *NAV* | 0.01 | 0.01 | 0.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 |
| *Cylindrotheca closterium* | *CYL* | 0.00 | 0.00 | 0.00 | 0.03 | 0.02 | 0.00 | 0.04 | 0.00 |
| *Attheya decora* | *ATT* | 0.03 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| *Dinobryon faculiferum* | *DIN* | 0.01 | 0.02 | 0.01 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 |
| *Apedinella radians* | *APE* | 0.30 | 0.81 | 0.36 | 1.16 | 1.30 | 0.00 | 2.64 | 0.00 |
| *Pseudopedinella sp.* | *PSE* | 0.29 | 0.61 | 0.05 | 1.78 | 0.72 | 0.24 | 0.50 | 0.59 |
| *Heterocapsa rotundatum* | *HET* | 0.14 | 0.07 | 0.13 | 0.36 | 0.01 | 0.00 | 0.00 | 0.00 |
| *Plagioselmis sp.* | *PLA* | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 |
| *Ebria tripartita* | *EBR* | 0.26 | 0.15 | 0.38 | 0.16 | 0.07 | 0.00 | 0.43 | 0.02 |