**Table 1** SIMPER results for selected taxa. Each column indicates the relative change in abundance (indicated by directional arrow) of the specified taxon at the second listed *Fencing/Treatment* level compared to the first. The percentage contribution of each taxa to dissimilarities between the given *Fencing/Treatment* levels is given next to the directional arrow. Control and Pressure refer to the sampling points.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Pre-Control  v  Post-Control | | Pre-Pressure  v  Post-Pressure | | Pre-Pressure  v  Pre-Control | | Post-Pressure  v  Post-Control | | Cumulative % contribution  to dissimilarities across Fencing/Treatment comparisons |
| *Ancylus fluviatilis* | **↑** | **5.91%** | **↑** | **7.71%** | **↑** | **3.02%** | **↓** | **7.55%** | 24.19% |
| *Rhithrogena semicolorata* | **↑** | **4.77%** | **↑** | **4.97%** | **↑** | **3.60%** | **↓** | **4.05%** | 17.39% |
| *Baetis rhodani* | **↓** | **4.28%** | **↓** | **4.90%** | **↓** | **5.56%** | **↓** | **4.51%** | 19.25% |
| *Silo pallipes* | **↑** | **3.74%** | **↑** | **5.23%** | **↑** | **3.20%** | **↓** | **5.10%** | 17.27% |
| *Agapetus* sp. | **↑** | **4.04%** | **↑** | **4.95%** | **↑** | **4.48%** | **↓** | **5.33%** | 18.80% |
| Hydropsychidaesp. | **↑** | **3.89%** | **↑** | **3.16%** | **↑** | **3.11%** | **↑** | **3.95%** | 14.11% |
| Simuliidae | **↓** | **5.42%** | **↓** | **6.79%** | **↓** | **7.22%** | **↓** | **5.86%** | 25.29% |
| Chironomidae | **↓** | **6.37%** | **↓** | **6.20%** | **↓** | **8.24%** | **↓** | **5.20%** | 26.01% |
| Pediciidae | **↓** | **3.17%** | **↓** | **3.36%** | **↓** | **4.05%** | **↑** | **2.04%** | 12.62% |
| *Limnius volckmari* | **↓** | **5.21%** | **↑** | **4.03%** | **↑** | **4.80%** | **→←** | **4.57%** | 18.61% |
| *Elmis aenea* | **↑** | **4.23%** | **↑** | **4.31%** | **↓** | **3.96%** | **↓** | **4.59%** | 17.09% |
| *Gammarus duebeni* | **→←** | **5.00%** | **↑** | **4.61%** | **↑** | **6.00%** | **↓** | **5.24%** | 20.85% |
| Cumulative % contribution to dissimilarities of all taxa for each comparison | 56.03% | | 60.22% | | 57.24% | | 57.99% | |  |