**Table S1:** Composite connectance food web data for the Ödenwinkelkees river (2006-2011)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Amorphous detritus** | ***Encyonema* sp.**  | ***Gomphonema* sp. A**  | ***Gomphonema* sp. B** | ***Diatoma mesodon*** | ***Meridian circulaire*** | ***Cymbella subaquealis*** | ***Achnathes* sp. A**  | ***Achnanthes* sp. B** | ***Gomphonema/Cymbella*** | ***Fragilaria arcus*** | ***Fragilaria* sp.** | ***Diamesa latitarsis/steinboecki*** | **Orthocladiinae** |
| ***Diamesa bertrami*** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 |  |  |  |
| ***Diamesa bertrami/latitarsis*** | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 |  | 1 |  | 1 |  |  |
| ***Diamesa cinerella/zernyi*** | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  | 1 |  |  |  |  |
| ***Diamesa dampfi/permacer*** | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |  |  |
| ***Diamesa latitarsis*** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 |  | 1 |  |
| ***Diamesa latitarsis/steinboecki*** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 |  | 1 |  |
| ***Pseudokiefferiella*** | 1 | 1 |  |  |  | 1 |  | 1 | 1 | 1 | 1 |  |  |  |
| **Orthocladiinae** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Prosimulium*** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 |  | 1 | 1 |
| ***Baetis* sp.** | 1 |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| ***Limnephilidae* juv.** | 1 | 1 |  |  |  |  | 1 | 1 |  | 1 |  |  |  |  |