**Table S6**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Taxa** | **N:C** | | | | | | **P:C** | | | **N:P** | | | | | |
|  | df | | | *F* | Slope | | df | *F* | Slope | df | *F* | | Slope | | |
| **Terrestrial arthropods** | | | | | | | | | | | | | | |
| Herbivores\*p | |  | |  | |  |  |  |  |  | |  | |  | | |
| Aphidina | | 3 | | 0.4 | | 0 |  |  |  |  | |  | |  | | |
| Cercopidea | | 12 | | 0.7 | | 0 | 11 | 1.8 | 0 | 11 | | 1.5 | | 0 | | |
| Lepidoptera larvae | | 13 | | 0.3 | | 0 | 13 | 2.9 | 0 | 13 | | 0.2 | | 0 | | |
| Chrysomelidae | | 8 | | 1.1 | | 0 | 12 | 0.1 | 0 | 12 | | 0.1 | | 0 | | |
| Curculionidae | | 5 | | 1.0 | | 0 | 9 | 0.0 | 0 | 9 | | 0.4 | | 0 | | |
| Detritivores\*p | |  | |  | |  |  |  |  |  | |  | |  | | |
| Isopoda | | 12 | | 0.2 | | 0 | 12 | 0.0 | 0 | 12 | | 0.1 | | 0 | | |
| Collembola | | **8** | | **10.4\*** | | **0.10** |  |  |  |  | |  | |  | | |
| Predators | |  | |  | |  |  |  |  |  | |  | |  | | |
| Araneidae\*ch | | 13 | | 1.8 | | 0 | 10 | 4.3 | 0 | 10 | | 0.5 | | 0 | | |
| Linyphiidae \*ch | | 12 | | 4.4 | | 0 | 8 | 3.9 | 0 | 8 | | 0.9 | | 0 | | |
| Tetragnathidae\*ch | | 9 | | 0.7 | | 0 |  |  |  |  | |  | |  | | |
| Lycosidae\*ch | | 8 | | 4.9 | | 0 |  |  |  |  | |  | |  | | |
| Carabidae\*col | | 8 | | 0.3 | | 0 |  |  |  |  | |  | |  | | |
| **Brackish invertebrates \*3** | | | | | |  |  |  |  |  | |  | |  | | |
| Chironomidae\*ep | | | 16 | 2.2 | | 0 | 13 | 0.2 | 0 | **13** | | **12.2\*\*** | | **-0.79** | | |
| *Gammarus* spp.\*ep | | | 16 | 2.9 | | 0 | 15 | 0.8 | 0 | **15** | | **9.0\*\*** | | **0.78** | | |
| *Idotea* spp. \*ep | | | 16 | 2.2 | | 0 | 13 | 0.3 | 0 | 13 | | 0.1 | | 0 | | |
| *Idotea* spp. \*fu | | | **16** | **10.0\*** | | **0.25** | 14 | 0.1 | 0 | 14 | | 0.7 | | 0 | | |
| *Jaera albifrons*\*ep | | | 13 | 2.6 | | 0 |  |  |  |  | |  | |  | | |
| *Theodoxus fluviatilis* \*ep | | | 14 | 4.4 | | 0 |  |  |  |  | |  | |  | | |

**Resources:** \*p terrestrial plants, \*col Collembola,\*ch Chironomidae; \* ep Epiphytic algae**,** \*fu*F****.*** *vesiculosus***,**