**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***,**