**Table S7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Taxa** | **Model** | **Vegetation cover** | **Model** | **Plant species richness** |
| **Herbivores** |  |  |  |  |
| Aphidina | lm |  (+) | lm |  |
|  |  | F = 5.0, p = 0.041,  |  |  |
|  |  | df =15 , R2= 20.0% |  |  |
| Cercopidea  | glm |  | glm |  |
| Lepidoptera larvae\*1 | glm | (-) | glm |  (-) |
|  |  | t = -1.9, p = 0.074, |  | F = 4.0, p = 0.063, |
|  |  | P(χ2) = 0.066, df =15 |  | df =15 , R2= 15.9% |
| Chrysomelidae | lm | (+) |  |  |
|  |  | F = 20.9, p < 0.001,  | lm |  |
|  |  | df =15 , R2= 55.4% |  |  |
| Curculionidae | lm | (+) | lm |  |
|  |  | F = 17.3, p < 0.001, |  |  |
|  |  | df =15, R2= 50.5% |  |  |
| Herbivorous Heteroptera | lm |  | lm |  |
| **Detritivore** |  |  |  |  |
| Isopoda | glm |  | glm |  |
| Collembola | lm | (+) | lm | (+) |
|  |  | F = 27, p < 0.0001, |  | F = 12.7, p = 0.003, |
|  |  | df =15, R2= 61.9% |  | df =15, R2= 41.1% |
| Brachycerid diptera | lm | (-) | lm | (-) |
|  |  | F = 13.7, p < 0.002, |  | F = 4.7, p = 0.047, |
|  |  | df =15, R2= 44.2% |  | df =15, R2= 18.8% |
| ***Chironomidae*** | lm | (-) | lm | (-) |
|  |  | F = 8.7, p = 0.010, |  | F = 5.6, p = 0.032, |
|  |  | df=15, R2= 32.5% |  | df =15, R2= 22.3% |
| **Predators** |  |  |  |  |
| Araneidae | lm |  | lm |  |
| Linyphiidae  | lm |  | lm |  |
| Tetragnathidae | glm |  | glm |  |
| Pachygnatha | lm |  | lm |  |
| Lycosidae | glm | (-) | glm |  |
|  |  | t = -2.8,p = 0.015,  |  |  |
|  |  | P(χ2) < 0.002, df =15 |  |  |
| Coccinellidae | lm |  | lm |  |
| Carabidae | lm | (+) | lm |  |
|  |  | F = 9.5, p = 0.007, |  |  |
|  |  | df =15 , R2= 34.8% |  |  |
| Staphylinidae | glm |  | glm |  |
| Nabis spp. (Nabidae) | glm |  | glm |  |
| Formicidae | lm |  | lm |  |
| Parasitic hymenoptera | lm |  | lm |  |