|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Vector Input** | | **axis1** | **axis2** | **R** | **p-value** |
| Environment |  |  |  |  |  |
|  | Precipitation | 0.976 | 0.001 | -1.000 | 0.022 \* |
|  | Conductivity | 0.711 | 0.008 | 0.995 | 0.103 |
|  | Rosgen Index | 0.074 | 0.759 | -0.222 | -0.975 \* |
|  | Canopy | 0.550 | 0.082 | 0.697 | 0.717 |
|  | NH4+ | 0.250 | 0.372 | 0.888 | 0.460 |
|  | Flash Index | 0.022 | 0.935 | -0.389 | -0.921 \* |
|  | Low Flow Pulse % | 0.171 | 0.502 | 0.494 | 0.869 |
| Genus |  |  |  |  |  |
|  | *Hyalella* | -0.168 | 0.005 | 0.780 | 0.007 \* |
|  | *Cheumatopsyche* | -0.140 | 0.158 | 0.741 | 0.009 \* |
|  | *Melanoides* | 0.266 | -0.002 | 0.691 | 0.017 \* |
|  | *Plauditus* | -0.138 | -0.091 | 0.661 | 0.027 \* |
|  | *Physa* | 0.047 | -0.158 | 0.639 | 0.033 \* |
|  | *Caenis* | -0.135 | -0.162 | 0.642 | 0.037 \* |
|  | *Palaemonetes* | -0.135 | 0.024 | 0.575 | 0.045 \* |