Table 3 Ecological indices of mite communities found in six laying hen houses (A1, A2, A3 – automated systems; S1, S2 – semiautomated systems; FR – free range), between August 2013 and August 2014 in state of Rio Grande do Sul, Brazil

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Index** | **A1** | **A2** | **A3** | **S1** | **S2** | **FR** |
| Number of species | 13 | 13 | 12 | 23 | 18 | 19 |
| Number of specimens | 1,896 | 4,775 | 2,943 | 10,774 | 11,023 | 6,972 |
| Shannon diversity (*H’*) 2.0 | 0.7018 | 0.5078 | 0.5446 | 0.1977 | 0.2764 | 0.233 |
| Shannon evenness (*J*) | 0.6301 | 0.4558 | 0.5046 | 0.1452 | 0.2202 | 0.1822 |
| Berger-Parker dominance (*BPd*) | 0.0538 | 0.128 | 0.1927 | 0.0644 | 0.064 | 0.0839 |