**Supplementary Table 1.** Values of species richness *S*, Shannon-Weaver diversity *H’* and Pielou evenness *J*. The presented values are means±S.D., n = number of pairs with invaded plots and their controls (uninvaded adjacent vegetation), giving the number of replicates used in the respective tests. For variables representing community characteristics, results are shown for all species recorded in plots regardless of status, and separately for natives and aliens.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Variable** | **Invaded** | **Control** | **n** |
| all invasives | species richness (all) | 21.5±6.7 | 24.7±8.2 | 37 |
| *D. inoxia* | species richness (all) | 22.8±4.8 | 25.7±8.2 | 12 |
| *P. hysterophorus* | species richness (all) | 22.7±5.8 | 29.5±8.4 | 12 |
| *X. strumarium* | species richness (all) | 19.3±8.6 | 19.5±4.9 | 13 |
| all invasives | species richness (native)  | 16.2±5.9 | 19.6±7.9 | 37 |
| *D. inoxia* | species richness (native)  | 16.8±3.9 | 19.3±7.9 | 12 |
| *P. hysterophorus* | species richness (native)  | 17.5±5.2 | 25.3±6.9 | 12 |
| *X. strumarium* | species richness (native)  | 14.4±7.6 | 14.6±5.1 | 13 |
| all invasives | species richness (alien)  | 5.3±2.4 | 5.1±2.4 | 37 |
| *D. inoxia* | species richness (alien)  | 5.9±1.8 | 6.4±1.8 | 12 |
| *P. hysterophorus* | species richness (alien)  | 5.2±2.2 | 4.2±2.8 | 12 |
| *X. strumarium* | species richness (alien)  | 4.9±3.0 | 4.8±2.2 | 13 |
| all invasives | Shannon diversity (all) | 1.04±0.23 | 1.37±0.60 | 37 |
| *D. inoxia* | Shannon diversity (all) | 0.99±0.22 | 1.67±0.71 | 12 |
| *P. hysterophorus* | Shannon diversity (all) | 1.09±0.31 | 1.51±0.24 | 12 |
| *X. strumarium* | Shannon diversity (all) | 1.04±0.14 | 0.98±0.54 | 13 |
| all invasives | Shannon diversity (native) | 1.22±0.51 | 1.14±0.58 | 37 |
| *D. inoxia* | Shannon diversity (native) | 1.42±0.35 | 1.27±0.73 | 12 |
| *P. hysterophorus* | Shannon diversity (native) | 1.33±0.34 | 1.36±0.21 | 12 |
| *X. strumarium* | Shannon diversity (native) | 0.92±0.64 | 0.82±0.55 | 13 |
| all invasives | Pielou evenness (all) | 0.35±0.07 | 0.43±0.17 | 37 |
| *D. inoxia* | Pielou evenness (all) | 0.32±0.06 | 0.52±0.20 | 12 |
| *P. hysterophorus* | Pielou evenness (all) | 0.35±0.09 | 0.45±0.07 | 12 |
| *X. strumarium* | Pielou evenness (all) | 0.37±0.06 | 0.33±0.16 | 13 |
| all invasives | Pielou evenness (native) | 0.44±0.16 | 0.38±0.17 | 37 |
| *D. inoxia* | Pielou evenness (native) | 0.52±0.14 | 0.43±0.21 | 12 |
| *P. hysterophorus* | Pielou evenness (native) | 0.47±0.11 | 0.42±0.06 | 12 |
| *X. strumarium* | Pielou evenness (native) | 0.34±0.17 | 0.30±0.17 | 13 |