**Table S.2** Summary of variation in desiccation resistance traits in control and treatment groups of *Enochrus* species.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | N | M0 (mg) | | | WLR (% of M0 h-1) | | | | WC (% of M0) | | | CC (% of M0) | | |
| Control group | |  |  |  |  |  |  |  | |  |  |  |  |  |  |
|  | *E. halophilus* | 10 | 8.703 | ± | 1.528 | 0.509 | ± | 0.324 | | 60.584 | ± | 2.766 |  |  |  |
|  | *E. politus* | 20 | 10.239 | ± | 1.258 | 0.670 | ± | 0.255 | | 62.507 | ± | 3.016 |  |  |  |
|  | *E. bicolor* | 15 | 10.175 | ± | 1.274 | 0.483 | ± | 0.253 | | 66.464 | ± | 3.273 |  |  |  |
|  | *E. jesusarribasi* | 20 | 7.211 | ± | 1.174 | 0.483 | ± | 0.148 | | 65.352 | ± | 2.359 |  |  |  |
| Treatment group | |  |  |  |  |  |  |  |  | |  |  |  |  |  |
|  | *E. halophilus* | 20 | 8.035 | ± | 1.288 | 3.572 | ± | 1.122 | 62.273 | | ± | 3.550 | 22.307 | ± | 3.541 |
|  | *E. politus* | 20 | 10.439 | ± | 1.252 | 2.590 | ± | 0.593 | 62.362 | | ± | 2.343 | 15.924 | ± | 2.258 |
|  | *E. bicolor* | 20 | 9.784 | ± | 1.024 | 2.224 | ± | 0.601 | 68.325 | | ± | 2.207 | 14.041 | ± | 2.602 |
|  | *E. jesusarribasi* | 20 | 7.048 | ± | 1.304 | 2.282 | ± | 0.405 | 66.320 | | ± | 3.179 | 12.558 | ± | 2.305 |

Data are reported as mean ± SD. N, sample size; M0, fresh mass; WLR, water loss rate; WC, water content; CC, cuticle content