Table S1:

Results of U Mann-Whitney test, showing difference between *Carex buxbaumii* and *C*. *hartmaniorum*; significance level, \*p ≤ 0.05.

|  |  |  |
| --- | --- | --- |
| Characters | U Mann-Whitney test | |
| *Z* | *p* |
| Culm height | 0.027 | 0.9787 |
| Leaf width | -2.433 | 0.0149\* |
| Bract length | -0.829 | 0.4071 |
| Inﬂorescence length | 6,372 | 0.0000\* |
| Number of female spikes | 9.96 | 0.0000\* |
| Uppermost spike length | 6.485 | 0.0000\* |
| Uppermost spike width | -12.746 | 0.0000\* |
| Lowest spike length | 10.959 | 0.0000\* |
| Lowest spike width | -9.905 | 0.0000\* |
| Utricle length | -14.704 | 0.0000\* |
| Utricle beak length | -1.644 | 0.1001 |
| Glume length | -13.099 | 0.0000\* |