**Supplemental Table S2** Soil temperature gradient distribution of outplanted *Portulaca sclerocapra* that were recorded as live or dead in the latest (2021) survey, as well as mean percent grass cover around individuals that survived or died by the end of the monitoring period. Vegetation cover was only taken for a subset of the plants (n=74, or 42% of outplanted individuals).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Soil Temperature Range (° C) | <40 | 40-45 | 45-50 | 50-55 | 55-60 | 60-65 | 65-70 | 70-75 | >75 |
| Survival rate (%) | 25.0 | 54.3 | 53.3 | 53.8 | 38.1 | 66.7 | 66.7 | 0.0 | 0.0 |
| No. live | 2 | 38 | 8 | 7 | 8 | 20 | 6 | 0 | 0 |
| No. dead | 6 | 32 | 5 | 6 | 13 | 10 | 3 | 9 | 2 |
| Grass cover (%) around live | 46.0 | 35.1 | 56.0 | 35.5 | 50.5 | 34.0 | 23.0 | -- | -- |
| Grass cover (%) around dead | 75.0 | 51.2 | No Data | 20.0 | 43.0 | 43.5 | 12.2 | 9.3 | 21.6 |