**Table S1: Photoprotective strategies in Mediterranean high-mountain grasslands.**

Magaña Ugarte R.1,2\*, Gómez-Serranillos P.1, Escudero A.2, and Gavilán RG1.

**Table S3.** Seasonal variation in SWC along the studied elevation gradient and through the active growing season of vegetation in the study site. Data corresponds to in-site measurements taken on each year of study (2017, 2018 and 2019). ND, no data.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Elevation /  Year | 1980 m | | | 2052 m | | | 2172 m | | | 2244 m | | |
| **2017** | **2018** | **2019** | **2017** | **2018** | **2019** | **2017** | **2018** | **2019** | **2017** | **2018** | **2019** |
| June | 2.1 | 5.3 | 2.7 | 4.3 | 6.0 | 4.0 | 3.3 | 4.5 | 3.8 | 3.8 | 6.2 | 3.1 |
| July | 1.5 | 4.9 | 1.3 | ND | 5.5 | ND | ND | 2.7 | ND | 2.0 | 2.4 | 2.2 |
| August | 1.4 | 1.9 | 1.6 | 2.2 | 2.0 | ND | 2.7 | 1.8 | ND | 1.9 | 2.2 | 1.7 |
| September | 1.9 | 7.1 | 2.2 | 3.2 | 13.8 | 3.9 | 4.0 | 12.1 | 4.2 | 2.3 | 6.8 | 2.8 |