**Table S1.** Mean germination percentages ± standard errors of seeds pre-treated with a heat shock of 100 °C for 10 min and then incubated under continuous darkness or 12 hours diurnal light photoperiod at different constant temperatures (10, 15, 20, 25 and 30°C). Different lower-case letters show significant differences for seed germination (*P* < 0.05) between temperature treatments in each light treatment (dark and light). These significant differences are based on pairwise comparisons with Bonferroni correction after GLM analysis. Asterisks show significant differences between dark and light treatments.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Temperature effect** | | | | | | | | **Light** |
|  |  | **Dark** | | |  | **Light** | | |  | **effect** |
| *Cistus albidus* | |  |  |  |  |  |  |  |  |  |
| 10 °C |  | 8.47 | ± | 3.18 | ab | 7.41 | ± | 3.13 | ab |  |
| 15 °C |  | 20.20 | ± | 5.01 | a | 15.89 | ± | 4.39 | a |  |
| 20 °C |  | 9.82 | ± | 3.49 | ab | 10.91 | ± | 3.69 | ab |  |
| 25 °C |  | 12.84 | ± | 3.98 | ab | 7.55 | ± | 3.18 | ab |  |
| 30 °C |  | 1.67 | ± | 1.45 | b | 6.96 | ± | 2.94 | b |  |
| *Cistus clusii* |  |  |  |  |  |  |  |  |  |  |
| 10 °C |  | 25.62 | ± | 5.15 | a | 36.36 | ± | 6.27 | a |  |
| 15 °C |  | 27.50 | ± | 5.29 | a | 25.96 | ± | 5.58 | a |  |
| 20 °C |  | 28.00 | ± | 5.83 | a | 20.18 | ± | 4.99 | a |  |
| 25 °C |  | 5.50 | ± | 2.83 | b | 12.28 | ± | 3.99 | b |  |
| 30 °C |  | 0.82 | ± | 1.06 | b | 5.04 | ± | 2.60 | b |  |
| *Cistus ladanifer* | |  |  |  |  |  |  |  |  |  |
| 10 °C |  | 81.90 | ± | 5.38 | ab | 79.49 | ± | 5.61 | a |  |
| 15 °C |  | 93.55 | ± | 3.32 | a | 80.36 | ± | 5.65 | a | \* |
| 20 °C |  | 85.84 | ± | 4.93 | a | 74.58 | ± | 6.03 | a |  |
| 25 °C |  | 58.54 | ± | 6.68 | b | 71.05 | ± | 6.39 | a |  |
| 30 °C |  | 0.81 | ± | 1.21 | c | 15.57 | ± | 4.94 | b | \* |
| *Cistus laurifolius* | |  |  |  |  |  |  |  |  |  |
| 10 °C |  | 11.30 | ± | 4.64 | ad | 32.14 | ± | 6.94 | a | \* |
| 15 °C |  | 69.07 | ± | 7.38 | b | 64.29 | ± | 7.61 | ab |  |
| 20 °C |  | 35.00 | ± | 7.50 | abc | 67.35 | ± | 7.45 | b | \* |
| 25 °C |  | 22.45 | ± | 6.63 | cd | 68.63 | ± | 7.22 | b | \* |
| 30 °C |  | 2.97 | ± | 2.66 | d | 31.63 | ± | 7.39 | a | \* |
| *Cistus monspeliensis* | | |  |  |  |  |  |  |  |  |
| 10 °C |  | 32.48 | ± | 4.94 | a | 40.74 | ± | 5.39 | a |  |
| 15 °C |  | 10.00 | ± | 3.26 | b | 32.71 | ± | 5.17 | b |  |
| 20 °C |  | 17.27 | ± | 4.11 | b | 20.54 | ± | 4.35 | b |  |
| 25 °C |  | 0.90 | ± | 1.02 | c | 4.27 | ± | 2.13 | c |  |
| 30 °C |  | 0.00 | ± | 0.00 | c | 0.00 | ± | 0.00 | c |  |
| *Cistus populifolius* | | |  |  |  |  |  |  |  |  |
| 10 °C |  | 15.85 | ± | 5.22 | ab | 42.55 | ± | 9.33 | a | \* |
| 15 °C |  | 35.29 | ± | 7.50 | a | 31.33 | ± | 6.59 | a |  |
| 20 °C |  | 15.79 | ± | 5.41 | ab | 32.86 | ± | 7.26 | a |  |
| 25 °C |  | 4.17 | ± | 3.73 | b | 9.80 | ± | 5.39 | a |  |
| 30 °C |  | 0.00 | ± | 0.00 | b | 10.77 | ± | 4.97 | a | \* |
| *Cistus psilosepalus* | | |  |  |  |  |  |  |  |  |
| 10 °C |  | 49.49 | ± | 7.12 | a | 52.75 | ± | 7.41 | ab |  |
| 15 °C |  | 83.51 | ± | 5.34 | b | 81.91 | ± | 5.62 | a |  |
| 20 °C |  | 59.46 | ± | 6.60 | ab | 49.33 | ± | 8.18 | b |  |
| 25 °C |  | 4.04 | ± | 2.80 | c | 62.64 | ± | 7.18 | ab | \* |
| 30 °C |  | 0.82 | ± | 1.16 | c | 3.85 | ± | 2.67 | c |  |
| *Cistus salviifolius* | |  |  |  |  |  |  |  |  |  |
| 10 °C |  | 21.82 | ± | 6.11 | a | 27.88 | ± | 6.83 | a |  |
| 15 °C |  | 43.24 | ± | 7.30 | a | 44.68 | ± | 7.96 | a |  |
| 20 °C |  | 45.79 | ± | 7.49 | a | 33.03 | ± | 6.99 | a |  |
| 25 °C |  | 0.88 | ± | 1.37 | b | 15.89 | ± | 5.49 | b |  |
| 30 °C |  | 0.00 | ± | 0.00 | b | 0.00 | ± | 0.00 | b |  |