Ecogeographical variables considered in the characterization of the occurrence sites of the targeted *Aegilops* species in Spain

| **Ecogeographical component** | **Description** | **Unit** | **Source** |
| --- | --- | --- | --- |
| Bioclimatic | Monthly precipitation (January to June) | mm | Hijmans et al. (2005) |
| Monthly mean temperature (January to June) | °C | Hijmans et al. (2005) |
| Monthly minimum temperature (January to June) | °C | Hijmans et al. (2005) |
| Monthly maximum temperature  (January to June) | °C | Hijmans et al. (2005) |
| Annual mean temperatura | °C | Hijmans et al. (2005) |
| Mean daily temperature range (Mean monthly (max temp - min temp)) | °C | Hijmans et al. (2005) |
| Isothermality (bio\_2/bio\_7) (\* 100) | - | Hijmans et al. (2005) |
| Temperature seasonality (standard deviation \*100) | - | Hijmans et al. (2005) |
| Minimum temperature of coldest month | °C | Hijmans et al. (2005) |
| Annual temperature range (BIO5-BIO6) | °C | Hijmans et al. (2005) |
| Mean temperature of wettest quarter | °C | Hijmans et al. (2005) |
| Mean temperature of coldest quarter | °C | Hijmans et al. (2005) |
| Annual precipitation | mm | Hijmans et al. (2005) |
| Precipitation of wettest month | mm | Hijmans et al. (2005) |
| Precipitation seasonality (Coefficient of variation) |  | Hijmans et al. (2005) |
| Precipitation of wettest quarter | mm | Hijmans et al. (2005) |
| Precipitation of coldest quarter | mm | Hijmans et al. (2005) |
| Geophysic | Elevation | m | Hijmans et al. (2005) |
| Slope  | ° | Jarvis et al. (2008) |
| Northness  | ° | Jarvis et al. (2008) |
| Eastness  | ° | Jarvis et al. (2008) |
| Edaphic | Reference depth of the soil unit | m | HWS Database (2012) |
| Topsoil gravel content | % vol. | HWS Database (2012) |
| Topsoil sand fraction | % weight | HWS Database (2012) |
| Topsoil silt fraction | % weight | HWS Database (2012) |
| Topsoil clay fraction | % weight | HWS Database (2012) |
| Topsoil reference bulk density | % weight | HWS Database (2012) |
| Topsoil organic carbon | % weight | HWS Database (2012) |
| Topsoil pH (H2O) | -log(H+) | HWS Database (2012) |
| Topsoil CEC due to clay fraction  | cmol/kg | HWS Database (2012) |
| Topsoil CEC (soil) | cmol/kg | HWS Database (2012) |
| Topsoil base saturation | % | HWS Database (2012) |
| Topsoil total exchangeable bases  | cmol/kg | HWS Database (2012) |
| Topsoil calcium carbonate content | % weight | HWS Database (2012) |
| Topsoil calcium sulphate (gypsum) content | % weight | HWS Database (2012) |
| Topsoil sodicity  | % | HWS Database (2012) |
| Topsoil salinity  | dS/m | HWS Database (2012) |

References

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