

Supplementary Material

Intraspecific variation in drought susceptibility in *Eucalyptus globulus* is linked to differences in leaf vulnerability

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Table S1. Sampling sites and full list of bioclimatic parameters (Fick and Hijmans 2017)

Locality	Oigles Road <i>Common Garden</i>	Blue Gum Hill	Tolmans Hill	Pepper Hill	Jeeralang North
Region	Southern Tasmania	Southern Tasmania	Southern Tasmania	North-East Tasmania	Strzelecki Ranges, Victoria
Latitude	43.1611°S	43.0469°S	42.9102°S	41.6322°S	38.3448°S
Longitude	146.859°E	146.8714°E	147.3205°E	147.8313°E	146.5085°E
Annual Mean Temperature	10.39	10.36	11.11	9.89	12.53
Mean Diurnal Range (°C)	7.63	7.98	6.89	8.97	9.33
<i>Mean of monthly (max temp – min temp)</i>					
Isothermality (°C)	49.25	49.28	46.88	46.70	46.90
Temperature Seasonality standard deviation *100	275.79	287.06	281.02	362.23	369.73
Max Temperature of Warmest Month (°C)	17.70	18.00	18.00	18.60	22
Min Temperature of Coldest Month (°C)	2.20	1.80	3.30	-0.60	2.10
Temperature Annual Range (°C)	15.50	16.20	14.70	19.20	19.9
Mean Temperature of Wettest Quarter (°C)	7.47	7.32	8.03	5.92	10.1
Mean Temperature of Driest Quarter (°C)	13.73	13.83	13.60	14.35	17.1
Mean Temperature of Warmest Quarter (°C)	13.73	13.83	14.63	14.35	17.1
Mean Temperature of Coldest Quarter (°C)	6.87	6.70	7.72	5.47	7.9
Annual Precipitation (mm)	1307	1255	885	927	993
Precipitation of Wettest Month (mm)	146	139	93	104	107

Precipitation of Driest Month (mm)	68	64	55	42	45
Precipitation Seasonality (%mm)	22.07	22.28	16.64	20.94	21.57
Coefficient of Variation					
Precipitation of Wettest Quarter (mm)	413	396	256	287	302
Precipitation of Driest Quarter (mm)	229	217	182	175	177
Precipitation of Warmest Quarter (mm)	229	217	184	175	177
Precipitation of Coldest Quarter (mm)	390	374	241	285	289

Reference

Fick SE, Hijmans RJ (2017) WorldClim 2: new 1-km spatial resolution climate surfaces for global land areas. *International Journal of Climatology* **37**, 4302–4315 doi:10.1002/joc.5086.