

Table S11. Relationships of WUE, leaf traits, photosynthetic parameters, soil factors (soil pH, TC, SWC) and environment factors (MAP, MAT and high) under warming. $P < 0.05$ are in bold.

Variables	High (m)		MAT (°C)		MAP (mm)	
	R ²	P	R ²	P	R ²	P
pH	<0	0.89	<0	0.7	<0	0.61
TC	0.1	0.12	0.52	<0.001	0.59	<0.001
FN	0.008	0.29	0.09	0.09	<0	0.98
FP	<0	0.87	<0	0.67	<0	0.79
FV/FM	0.03	0.21	0.02	0.23	0.3	0.004
Chlorophyll	<0	0.73	<0	0.64	<0	0.99
SD	0.25	0.012	0.28	0.01	<0	0.6
SS	0.6	0.009	0.6	0.009	0.6	0.009
SWC	0.03	0.14	0.21	0.001	0.36	<0.001
Pn	0.04	0.007	0.004	0.21	<0	0.41
Gs	<0	0.52	<0	0.78	0.01	0.13
T	0.02	0.09	<0	0.35	0.01	0.11
δ ¹³ C	0.24	<0.001	<0	0.79	0.01	0.22
SLA	0.03	0.17	<0	0.89	0.06	0.11
WUE	0.015	0.028	0.003	0.18	<0	0.64