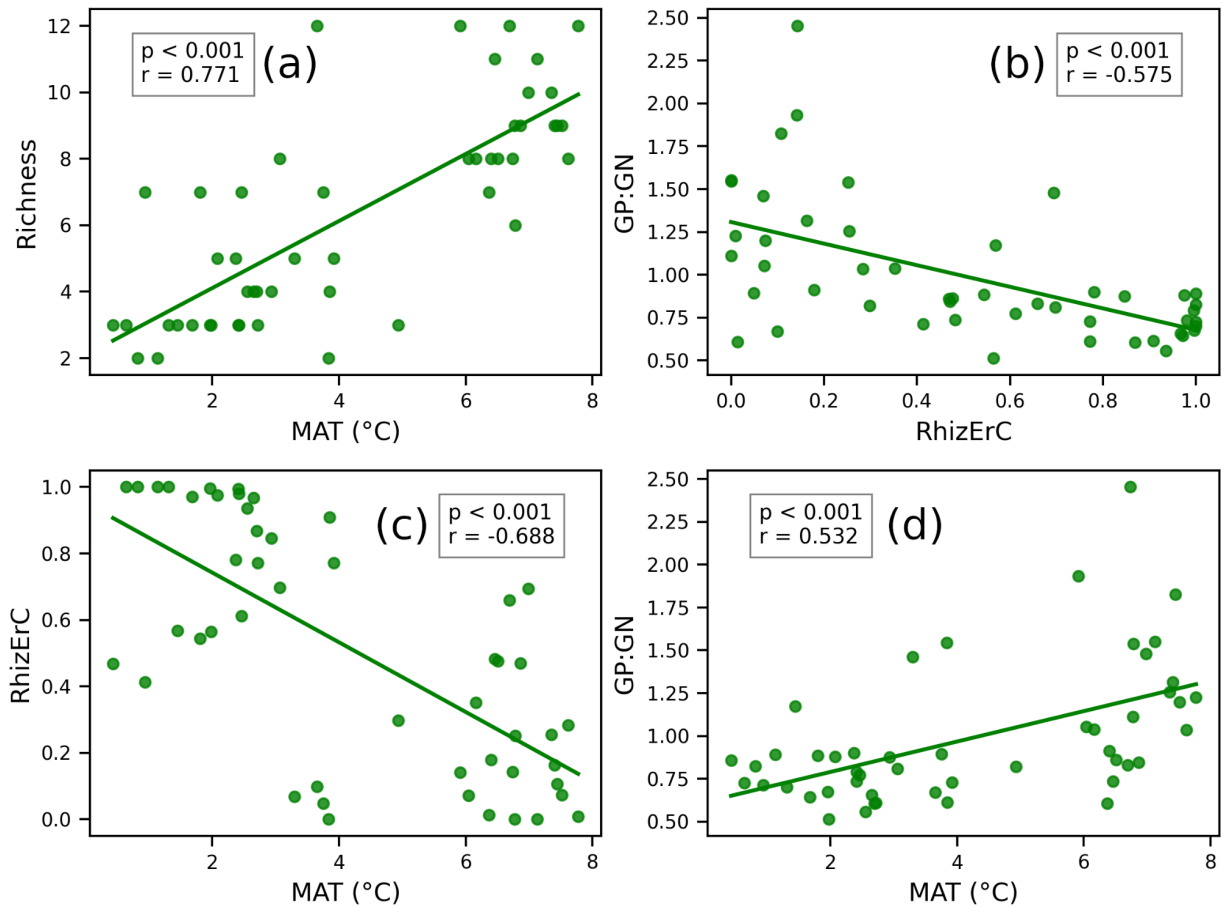


Supplementary Material



Supplementary Figure 1: Simple regression plots for relationships described in the main text. Bivariate correlation strengths are given as Pearson's r .

p	R ²	R ² _{adj}	ΔAICc	ΔBIC	MAT	MicConc	LiveConifer	iN	BurnDepth	GP:GN	ρ	MAP	pH	ResOL	C:N
< 0.001	0.594	0.585	9.55	6.22	0.771	-	-	-	-	-	-	-	-	-	-
< 0.001	0.658	0.643	3.26	1.64	0.866	0.271	-	-	-	-	-	-	-	-	-
< 0.001	0.695	0.674	0	0	0.915	0.337	-0.202	-	-	-	-	-	-	-	-
< 0.001	0.706	0.680	0.47	1.99	0.857	0.336	-0.200	0.122	-	-	-	-	-	-	-
< 0.001	0.717	0.684	1.16	4.08	0.881	0.360	-0.200	0.128	0.107	-	-	-	-	-	-
< 0.001	0.730	0.692	1.41	5.62	0.958	0.357	-0.271	0.181	0.125	-0.171	-	-	-	-	-
< 0.001	0.732	0.686	3.82	9.19	0.978	0.348	-0.293	0.178	0.114	-0.163	-0.057	-	-	-	-
< 0.001	0.733	0.679	6.59	13.0	0.983	0.351	-0.299	0.177	0.105	-0.167	-0.057	0.026	-	-	-
< 0.001	0.733	0.671	9.55	16.8	0.988	0.356	-0.292	0.174	0.105	-0.168	-0.068	0.023	0.025	-	-
< 0.001	0.733	0.663	12.7	20.7	0.984	0.354	-0.286	0.176	0.116	-0.172	-0.063	0.012	0.033	0.022	-
< 0.001	0.733	0.654	16.0	24.5	0.992	0.356	-0.283	0.176	0.114	-0.167	-0.062	0.013	0.044	0.021	0.020

Supplementary Table 1: Multiple regression model selection for explaining species richness.

p	R ²	R ² _{adj}	ΔAICc	ΔBIC	Richness	MicConc	BurnDepth	GP:GN	LiveConifer	ResOL	ρ	MAP	C:N	iN	MAT	pH
< 0.001	0.489	0.478	9.45	6.12	0.699	-	-	-	-	-	-	-	-	-	-	-
< 0.001	0.553	0.534	5.02	3.40	0.691	-0.254	-	-	-	-	-	-	-	-	-	-
< 0.001	0.615	0.590	0	0	0.666	-0.288	-0.252	-	-	-	-	-	-	-	-	-
< 0.001	0.632	0.599	0.19	1.70	0.726	-0.337	-0.249	-0.152	-	-	-	-	-	-	-	-
< 0.001	0.650	0.610	0.16	3.08	0.748	-0.32	-0.256	-0.207	-0.148	-	-	-	-	-	-	-
< 0.001	0.652	0.603	2.50	6.71	0.751	-0.312	-0.268	-0.201	-0.145	-0.047	-	-	-	-	-	-
< 0.001	0.655	0.597	4.78	10.1	0.765	-0.329	-0.291	-0.180	-0.166	-0.065	-0.078	-	-	-	-	-
< 0.001	0.657	0.588	7.44	13.8	0.771	-0.323	-0.314	-0.181	-0.175	-0.086	-0.084	0.0463	-	-	-	-
< 0.001	0.658	0.579	10.3	17.5	0.785	-0.327	-0.325	-0.158	-0.169	-0.098	-0.070	0.057	0.056	-	-	-
< 0.001	0.659	0.569	13.4	21.4	0.777	-0.326	-0.320	-0.170	-0.173	-0.094	-0.066	0.055	0.059	0.028	-	-
< 0.001	0.659	0.557	16.7	25.2	0.764	-0.320	-0.320	-0.174	-0.181	-0.096	-0.069	0.057	0.062	0.029	0.022	-
< 0.001	0.659	0.545	20.2	29.1	0.764	-0.318	-0.320	-0.173	-0.179	-0.095	-0.070	0.056	0.066	0.028	0.024	0.007

Supplementary Table 2: Multiple regression model selection for explaining plant regrowth.