



Supplement of

Experimental warming and permafrost thaw decrease soil nematode abundance in northern palsas peatlands

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Figure S1: Spearman correlation

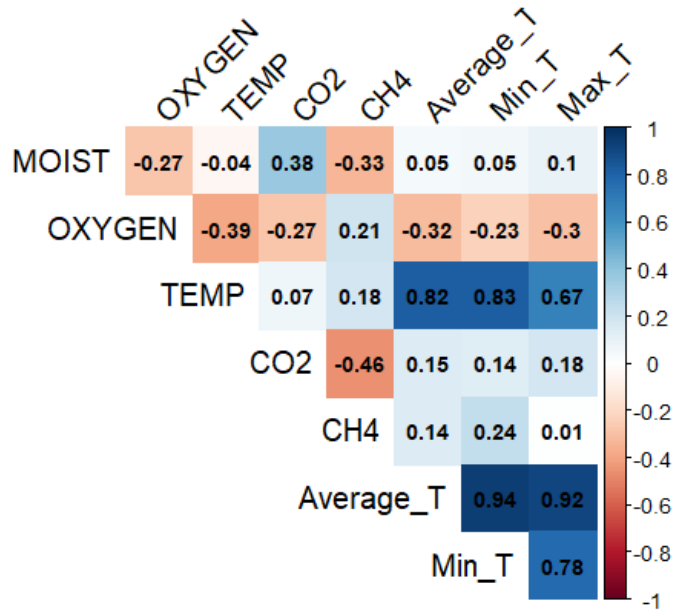


Table S1: ANOVA summary for abiotic conditions

Summary Table of ANOVA (type III Wald chi-square tests) for LMM of each peat characteristic			
	Chi-square statistic	Degrees of freedom	p-value
Soil temperature			
(Intercept)	49.0118	1	<2.2e-16 (***)
Stage	7.0236	2	0.02984 (*)
Treatment	0.8890	1	0.34576
Month	39.1273	2	3.189e-09 (***)
Stage:Treatment	0.1922	2	0.90839
Stage:Month	1.0367	4	0.90418
Treatment:Month	0.9139	2	0.63321
Stage:Treatment:Month	1.4543	4	0.83470
Soil moisture			
(Intercept)	14203.0652	1	<2.2e-16 (***)
Stage	52.8667	2	3.312e-12 (***)
Treatment	0.0009	1	0.975778
Month	0.3351	2	0.845744
Stage:Treatment	1.4343	2	0.488136
Stage:Month	17.2636	4	0.001718 (**)
Treatment:Month	0.2707	2	0.873411
Stage:Treatment:Month	3.1273	4	0.536757
Oxygen concentration			

<i>(Intercept)</i>	7.3133	1	0.006845 (***)
Stage	62.7899	2	2.319e-14 (***)
Treatment	1.7123	1	0.190685
Month	24.4095	2	5.007e-06 (***)
Stage:Treatment	1.7834	2	0.409958
Stage:Month	52.1618	4	1.276e-10 (***)
Treatment:Month	1.2485	2	0.535675
Stage:Treatment:Month	2.2056	4	0.698009
CO₂ emissions			
<i>(Intercept)</i>	11.1278	1	0.0008504 (***)
Stage	4.2905	2	0.1170396
Treatment	1.7393	1	0.1872334
Month	8.4029	2	0.0149736 (*)
Stage:Treatment	0.9862	2	0.6107267
Stage:Month	5.9323	4	0.2042645
Treatment:Month	1.3268	2	0.5150891
Stage:Treatment:Month	12.2717	4	0.0154412 (*)
CH₄ emissions			
<i>(Intercept)</i>	10.2810	1	0.001344 (**)
Stage	25.0053	2	3.717e-06 (***)
Treatment	1.8882	1	0.169405 (*)
Month	22.1017	2	1.587e-05 (***)
Stage:Treatment	0.6711	2	0.714928
Stage:Month	25.7050	4	3.629e-05 (***)
Treatment:Month	3.1298	2	0.209111
Stage:Treatment:Month	5.6349	4	0.228120

Figure S2: Total nematode abundance: barplot

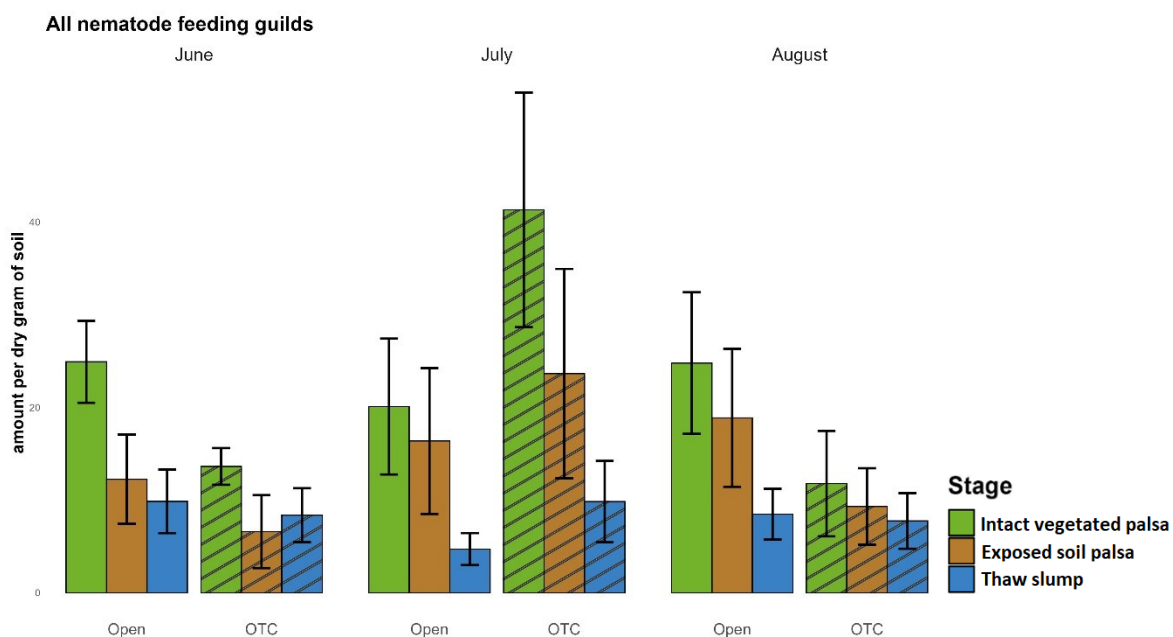


Table S2: Total nematode abundance: Summary table of ANOVA

	<i>Chi-square statistic</i>	<i>Degrees of freedom</i>	<i>p-value</i>
Total nematodes (log(x+1))			
Stage	8.0237	2	0.018099 (*)
Treatment	0.3453	1	0.556769
Month	0.9364	2	0.626127
Stage:Treatment	0.1581	2	0.924001
Stage:Month	5.4243	4	0.246462
Treatment:Month	10.9849	2	0.004118 (**)
Stage:Treatment:Month	2.4744	4	0.649229