

**Tab. S1.** Results of ANOVA from the linear mixed effects model analysis to show the effects of forest type, habitat type and sampling depth on soil physicochemical properties (gravimetric water content, organic matter, bulk density, pH and nutrient concentrations; total N, P, K, Ca and Mg). Significant P-values are highlighted in bold. Sampling depth was not included in the LME of bulk density as bulk density was only sampled at topsoil depth (0 – 15 cm).

Effect	Gravimetric water content			Organic matter			Bulk density		
	df	F	P-value	df	F	P-value	df	F	P-value
Forest	1	1.94	0.166	1	6.34	<b>0.013</b>	1	16.25	<b>0.0001</b>
Habitat	1	6.20	<b>0.014</b>	1	0.07	0.789	1	8.57	<b>0.004</b>
Sampling depth	1	0.04	0.838	1	26.35	<b>&lt;0.0001</b>	-	-	-
Forest x Habitat	1	0.27	0.601	1	11.23	<b>0.001</b>	1	0.04	0.85
Forest x Sampling depth	1	1.28	0.259	1	7.04	<b>0.009</b>	-	-	-

  

Effect	pH			Total N			Total P		
	df	F	P-value	df	F	P-value	df	F	P-value
Forest	1	6.86	<b>0.0095</b>	1	8.71	<b>0.004</b>	1	203.40	<b>&lt;0.0001</b>
Habitat	1	0.07	0.798	1	0.64	0.425	1	50.77	<b>&lt;0.0001</b>
Sampling depth	1	6.72	<b>0.010</b>	1	34.15	<b>&lt;0.0001</b>	1	3.83	0.052
Forest x Habitat	1	59.88	<b>&lt;0.0001</b>	1	12.40	<b>0.0005</b>	1	2.08	0.151
Forest x Sampling depth	1	6.88	<b>0.009</b>	1	1.08	0.300	1	1.13	0.289

  

Effect	Total K			Total Ca			Total Mg		
	df	F	P-value	df	F	P-value	df	F	P-value
Forest	1	528.84	<b>&lt;0.0001</b>	1	3.50	0.063	1	3.98	<b>0.048</b>
Habitat	1	361.82	<b>&lt;0.0001</b>	1	20.34	<b>&lt;0.0001</b>	1	14.56	<b>0.0002</b>
Sampling depth	1	0.54	0.463	1	0.2	0.620	1	0.92	0.338
Forest x Habitat	1	81.38	<b>&lt;0.0001</b>	1	7.18	<b>0.008</b>	1	5.81	<b>0.017</b>
Forest x Sampling depth	1	4.43	<b>0.037</b>	1	0.06	0.807	1	0.03	0.873