

Supplementary Table 1. Spearman correlation matrix of soil biochemical variables, data retrieved from Velez et al, 2021; TC= total carbon, TN= total nitrogen, TP= total phosphorous, DOC= dissolved organic carbon, DON= dissolved organic nitrogen, DOP= dissolved organic phosphorous. Contained forms of carbon, nitrogen, and phosphorus in the microbial biomass (Cmic, Nmic and Pmic respectively).

	pH	TC	TN	TP	DOC	DON	DOP	Cmic	Nmic	Pmic	NH4+
pH	1										
TC	-0.32	1									
TN	-0.07	0.93	1								
TP	-0.2	0.92	0.93	1							
DOC	-0.15	0.67	0.53	0.68	1						
DON	0.22	-0.12	0.13	0.03	-0.42	1					
DOP	-0.52	0.67	0.55	0.48	0.32	0.05	1				
Cmic	-0.1	0.88	0.9	0.78	0.6	0.05	0.65	1			
Nmic	0.38	0.4	0.4	0.47	-0.4	-0.05	0.25	0.25	1		
Pmic	-0.35	0.47	0.4	0.28	0.15	-0.47	0.27	0.48	0	1	
NH4+	-0.33	0.92	0.77	0.77	0.75	-0.45	0.68	0.8	0.48	0.55	1

Supplementary Table 1. Spearman correlation matrix of soil exoenzymes, data retrieved from Velez et al, 2021; BG= β -1,4-glucosidase, CBH= cellobiohydrolase, NAG= β -1,4-N-acetylglucosaminidase, AP= phosphomonoesterase, and APD= phosphodiesterase.

	BG	CBH	NAG	AP	APD
BG	1				
CBH	0.43	1			
NAG	0.93	0.52	1		
AP	0.28	0.47	0.55	1	
APD	0.07	0.57	0.32	0.88	1
POX	0.08	-0.07	0.22	0.42	0.2