

Supplementary materials

Table S1. Pearson's correlation coefficients between studied properties of long and short mountain transects with different land use ($n = 33$; * $P \leq 0.01$, ** 0.001).

Variable	Q ₁₀	Altitude	Cover	Richness	C	pH	C:N	BR:C	MBC:C
Q ₁₀	1.00								
Altitude	-0.07	1.00							
Cover	-0.20	0.53*	1.00						
Richness	-0.38	0.28	0.58**	1.00					
C	0.12	0.68**	0.66**	0.38	1.00				
pH	0.45*	-0.01	-0.12	-0.28	-0.16	1.00			
C:N	0.36	-0.31	-0.44	-0.38	-0.19	0.41	1.00		
BR:C	-0.51*	-0.19	0.09	0.09	-0.17	-0.14	0.03	1.00	
MBC:C	-0.14	0.40	0.27	0.25	0.07	0.07	-0.04	0.25	1.00