

Table 17.2. ANOVA results on the effects of ‘site’ and ‘time’ (sampling times) on microbial parameters and animal abundance (2-way ANOVA: df-effect (time) = 3, df-effect (site) = 3, df-effect (time × site) = 9; 1-way ANOVA: df-effect (site) = 3).

	time		site		time × site	
	F	p ^a	F	p ^a	F	p ^a
<i>microflora</i>						
microbial C concentration [mg C _{mic} g ⁻¹ DW] ^b	37.9 **		103.4 **		21.0 **	
microbial N concentration [μg N _{mic} g ⁻¹ DW]	189.8 **		44.5 **		6.4 **	
metabolic potential at 10°C [μg C g ⁻¹ DW h ⁻¹]	26.3 **		137.0 **		14.5 **	
<i>microfauna</i>						
testate amoebae ^c [ind 10 ⁶ m ⁻²]	86.4 **		6.4 **		0.6 n.s.	
Nematoda [ind 10 ³ m ⁻²]	22.8 **		1.3 n.s.		4.6 **	
<i>mesofauna</i>						
Enchytraeidae [ind 10 ³ m ⁻²]	6.4 **		100.5 **		2.1 *	
Collembola [ind 10 ³ m ⁻²]	6.9 **		5.2 **		3.2 **	
Acari [ind 10 ³ m ⁻²]	7.4 **		3.1 *		3.7 **	

^a: p-level: not significant = n.s.; ≤ .05 = *; < .01 = **.

^b: DW = dry weight.

^c: cysts and active cells.