

Supplement Table S2. Number of individuals captured by the three different sampling methods.

Taxonomical categories	Taxa/Species or types	Morphotypes	maximum size (mm)	Mean number (SD) of individuals captured by			
				Edapholog trap	Pitfall trap	Soil Extraction	
Dominant species of mesofauna							
Collembola	Entomobryomorpha (juveniles)	1		15 (23.4)	81.4 (47.4)	13.6 (14.5)	
	<i>Heteromurus major</i> (Moniez, 1889)	1	2	4 (4.9)	13.6 (10.2)		
	<i>Heteromurus nitidus</i> (Templeton, 1835)	1	3	8.2 (5.3)	3 (2.4)	0.3 (0.8)	
	<i>Lepidocyrtus lanuginosus</i> (Gmelin 1788)	1	1,2	57.9 (73.8)	133.9 (167.8)	1 (1.4)	
	<i>Lepidocyrtus paradoxus</i> Uzel 1891	1	3	0.6 (1)	6.5 (4.3)		
	<i>Orchesella cincta</i> (Linnaeus, 1758)	1	4,5	2.4 (2.4)	63.9 (21.1)	0.2 (0.4)	
	<i>Proisotoma minuta</i> (Tullberg, 1871)	1	1,1	1.7 (1.7)	3 (2.7)	0.3 (0.8)	
	<i>Sminthurinus elegans</i> (Fitch, 1863)	1	0,7	6.6 (16.8)	67.2 (46.7)	0.2 (0.5)	
	<i>Sminthurus maculatus</i> Tömösvary, 1883	1	2,8	0.6 (0.9)	25 (14.6)		
	<i>Sminthurus viridis</i> Linnaeus, 1758	1	3	0.2 (0.4)	9.6 (6.8)	0.1 (0.2)	
	<i>Sphaeridia pumilis</i> (Krausbauer, 1898)	1	0,5	3.4 (6)	26.1 (28.5)	0.1 (0.2)	
	<i>Isotomurus fucicolus</i> (Schött, 1893)	2	2	11.9 (14.5)	162.1 (133.3)	0.8 (1.1)	
	Onychiuridae	2	1	0.5 (0.6)	0.4 (0.5)	0.6 (0.9)	
	<i>Xenylla welchi</i> Folsom 1916	2	0,9	0.1 (0.4)	10.4 (7.3)	0.1 (0.2)	
	Acari	Mesostigmata	2		29.3 (17.6)	47.4 (28.3)	36.1 (21.6)
		Astigmata	2		0.9 (1.3)	1.7 (2.3)	1.4 (1.9)
Prostigmata		2		0.4 (0.8)	2.6 (1.8)	0.1 (0.3)	
Oribatida		2		2.9 (3.4)	2.6 (2.5)	29.8 (15.8)	
Diptera	Diptera larvae	2		4.8 (5.1)	1.3 (1.3)	1.9 (5.6)	
Pseudoscorpiones		2		5.7 (5.6)	1.2 (1.1)	0.8 (1.2)	
Rare species of mesofauna							
Collembola	<i>Desoria neglecta</i> (Schäffer, 1900)	1	1,8		0.1 (0.2)		

	<i>Deuterostminthurus</i> sp.	1	0,9	0.1 (0.3)	1.7 (1.9)	
	<i>Entomobrya superba</i> (Reuter, 1876)	1	4,35		0.1 (0.2)	
	<i>Entomobrya muscorum</i> (Nicolet, 1842) Rondani, 1861	1	2	0.2 (0.5)	2.2 (1.5)	
	<i>Folsomides parvulus</i> Stach, 1922	1	0,9	0.3 (0.7)	0.1 (0.3)	1 (1.7)
	<i>Lepidocyrtus</i> cf. <i>curvicollis</i>	1	2,6		0.3 (0.5)	
	<i>Pogonognathellus flavescens</i> (Tullberg, 1871)	1	5	0.1 (0.3)	1.2 (1.2)	
	<i>Sminthurus multipunctatus</i> Schäffer, 1896	1	2,5		0.1 (0.2)	
	<i>Willowsia platani</i> (Nicolet 1842)	1	2		0.1 (0.2)	0.1 (0.2)
Diplura		2		1.3 (1.6)	0.3 (0.6)	0.7 (1)
Pauropoda		2		1.3 (1.5)		0.2 (0.4)
Protura		2		0.3 (1.1)		0.1 (0.3)
Symphyla		2		0.2 (0.4)	0.1 (0.2)	0.2 (0.4)
Species not belonging to mesofauna						
Araneae	5 mm<	3		0.2 (0.5)	8.6 (4.3)	
Chilopoda		3		0.2 (0.4)	0.2 (0.4)	0.3 (0.5)
Coleoptera	not Carabidae or Staphylinidae	3		1.3 (1.2)	15.6 (8.5)	
Coleoptera	Carabidae	3		1.3 (1.5)	12.5 (7.9)	0.6 (1.4)
Hemiptera	not Cicada	3		0.5 (0.8)	11.7 (6.5)	0.1 (0.2)
Hymenoptera	Formicidae	3		2.9 (3.4)	65.2 (145.9)	1.5 (2.3)
Isopoda		4		0.1 (0.3)	1.3 (1.3)	
Mollusca		3		0.4 (0.9)	1.4 (1.3)	
Coleoptera	Staphylinidae	4		13.4 (8.6)	93.5 (55.6)	0.1 (0.3)
Coleoptera	larvae	4		2.7 (1.9)	21.6 (14.7)	6.3 (5.1)
Diplopoda	5 mm>	4		0.1 (0.2)	0.3 (1)	
Diplopoda	5 mm<	4		0.3 (0.6)	0.9 (1)	
Thysanoptera		4		0.9 (1.1)	0.6 (0.9)	
Hymenoptera	not Formicidae	5		0.8 (1.1)	8.5 (5.7)	0.2 (0.5)
Orthoptera		5		0.2 (0.7)	0.3 (1.3)	

Codes for morphotypes:

epigeic mesofauna:	1
euedaphic mesofauna:	2
epigeic not mesofauna:	3
euedaphic not mesofauna:	4
other invertebrates:	5