

1 Supplementary material

2 Table S1 Taxa and their relative abundance ( $\pm$ SD) recorded in each treatment. A = area burned in 2001, B = area burned in 2009, C = area  
 3 burned in 2001 and in 2009, D = area burned in 2012, E = Control area

Edaphic taxa	Abundance (N m <sup>-2</sup> )						
	A	B	C1	C2	D	E	Total
Pseudoscorpiones	465 (89)	134 (31)	99 (25)	0	300 (107)	1132 (97)	2130 (81)
Araneidae	268 (55)	466 (35)	467 (68)	202 (24)	232 (33)	332 (35)	1967 (43)
Acari	99766 (5547)	67666 (3305)	89265 (5708)	50662 (3280)	49833 (2880)	136033 (4113)	493225(5786)
Isopoda	167 (33)	0	66 (15)	0	0	100 (25)	333 (19)
Diplopoda	1100 (262)	1267 (300)	100 (35)	0	233 (53)	2166 (246)	4866 (209)
Paupoda	2168 (244)	3000 (510)	667 (107)	367 (56)	2233 (214)	1667 (186)	10102 (297)
Symphyla	2332 (177)	200 (30)	634 (101)	233 (38)	866 (182)	7566 (608)	11831 (433)
Chilopoda	1800 (233)	800 (91)	732 (97)	200 (39)	800 (145)	2700 (352)	7032 (214)
Protura	13599 (2621)	3433 (367)	666 (123)	767 (156)	933 (153)	2632 (184)	22030(1165)
Diplura	1100 (109)	1367 (164)	1999 (318)	699 (133)	234 (68)	1365 (179)	6764 (188)
Collembola	59232 (7027)	39797 (6960)	68900 (2360)	38287 (7186)	14565 (2328)	86166 (3053)	306947 (5816)
Isoptera	33 (13)	0	33 (12)	133 (47)	600 (245)	0	799(92)
Psocoptera	133 (40)	166 (47)	300 (45)	334 (59)	66 (17)	100 (25)	1099 (41)
Tysanoptera	334 (78)	33 (12)	66 (15)	33 (12)	200 (30)	4733 (835)	5399 (406)
Embiopoda	0	0	0	266 (47)	0	0	266 (23)
Hemiptera	66 (17)	33 (12)	66 (15)	100 (25)	33 (13)	133 (36)	431 (21)
Blattoidei	0	0	33 (12)	70 (24)	33 (13)	0	136 (12)
Coleoptera	600 (84)	864 (140)	599 (73)	233 (38)	333 (55)	432 (35)	3061 (80)
Hymenoptera	700 (94)	166 (47)	300 (70)	807 (180)	867 (228)	299 (45)	3139 (126)
Ants	2566 (720)	3600 (401)	3467 (965)	1200 (238)	3233 (1226)	10333 (1546)	24399 (960)
Diptera (adult)	1232 (220)	565 (76)	767 (100)	1419 (256)	1034 (184)	11199 (3691)	16216 (1576)
Coleoptera (Larvae)	499 (46)	199 (24)	1066 (125)	437 (67)	199 (52)	15966 (5323)	18366 (2277)
Diptera (Larvae)	700 (89)	966 (101)	567 (42)	1733 (440)	333 (54)	32901 (10400)	37200 (4480)
Lepidoptera (larvae)	33 (13)	67 (24)	0	0	33 (13)	100 (35)	233 (19)

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