

Table S1. Total abundance (+ standard deviation among traps) of the families recorded in the study area through the treatments and sampling periods (year 1 and 2). The trophic guild to which they belong is also indicated. Mc: Micophages; Zp: Zoophages; Pl: Phytphages; Pt: Polyphages; Ps: Parasites; Sp: Saprophagi.

Orders and Families	Year 1				Year 2			
	Unburned	Low severity	Medium severity	High severity	Unburned	Low severity	Medium severity	High severity
COLEOPTERA								
Cantaridae (Zp)	101 (2.39)	77 (5.43)	55 (4.76)	3 (0.16)	140 (6.91)	808 (40.15)	271 (12.15)	-
Carabidae (Zp)	37 (1.72)	47 (3.06)	137 (11.45)	3 (11.45)	77 (3.90)	74 (2.70)	12 (0.68)	2 (0.15)
Cerambycidae (Pt)	-	-	-	-	1 (0.13)	1 (0.11)	-	-
Chrysomelidae (Pt)	34 (1.75)	25 (0.81)	8 (1.18)	6 (0.23)	136 (7.12)	210 (7.08)	23 (0.94)	2 (0.15)
Coccinelidae (Zp)	-	-	-	-	3 (0.40)	1 (0.11)	-	-
Corylophidae (Mc)	-	-	-	1 (0.10)	1 (0.13)	-	-	-
Curculionidae (Pt)	-	15 (1.05)	7 (0.59)	20 (0.93)	2 (0.17)	4 (0.39)	2 (0.14)	4 (0.20)
Elateridae (Zp)	-	-	-	1 (0.10)	-	-	4 (0.17)	1 (0.10)
Erotylidae (Mc)	-	-	-	-	2 (0.17)	-	-	-
Lampyridae (Zp)	-	-	1 (0.20)	1 (0.10)	-	-	-	-
Lathridiidae (Mc)	8 (0.55)	70 (4.89)	44 (3.50)	115 (5.16)	-	8 (0.64)	2 (0.21)	2 (0.15)
Leiodidae (Mc)	-	2 (0.19)	1 (0.20)	-	-	-	1 (0.10)	-
Lucanidae (Sp)	2 (0.16)	4 (0.39)	6 (0.59)	1 (0.10)	1 (0.13)	2 (0.15)	5 (0.33)	2 (0.15)
Meloidae (Pl)	-	-	-	1 (0.10)	-	-	-	-
Nitidulidae (Sp)	2 (0.16)	1 (0.11)	1 (0.20)	-	-	-	-	-
Oedemeridae (Sp)	-	-	-	-	-	-	-	2 (0.15)
Ptilidae (Mc)	10 (0.93)	25 (1.54)	56 (3.94)	31 (1.22)	-	12 (1.18)	71 (7.36)	-
Scarabeidae (Pl)	4 (0.37)	21 (1.50)	10 (0.60)	-	14 (0.75)	16 (0.68)	3 (0.22)	-
Scirtidae (Pl)	-	-	-	1 (0.10)	-	-	-	-
Staphylinidae (Zp)	254 (15.95)	154 (6.80)	149 (5.12)	148 (2.22)	30 (1.60)	56 (3.83)	171 (15.45)	6 (0.46)
Tenebrionidae (Sp)	-	-	-	2 (0.21)	-	-	-	-
DIPTERA								
Anisopodidae (Sp)	-	-	-	1 (0.10)	1 (0.20)	6 (0.31)	-	-
Anthomyzidae (Sp)	252 (18.79)	288 (36.81)	63 (5.21)	77 (3.21)	-	-	1 (0.10)	6 (0.29)
Asilidae (Sp)	-	2 (0.19)	-	-	-	-	-	-
Bibionidae (Sp)	6 (0.48)	5 (0.39)	10 (0.88)	13 (0.56)	15 (0.97)	28 (1.64)	2 (0.14)	-
Calliphoridae (Sp)	2 (0.37)	11 (1.22)	2 (0.27)	4 (0.25)	2 (0.22)	2 (0.11)	1 (0.10)	-

Carnidae (Sp)	2 (0.12)	21 (1.11)	4 (0.22)	3 (0.24)	-	-	-	-
Cecidomyidae (Mc)	13 (0.98)	12 (0.59)	26 (3.07)	73 (1.94)	1 (0.20)	4 (0.20)	11 (0.56)	2 (0.15)
Ceratopogonidae (Ps)	-	7 (0.82)	15 (1.14)	19 (0.71)	2 (0.27)	-	3 (0.22)	-
Clusiidae (Sp)	19 (1.49)	1 (0.11)	8 (0.68)	-	-	4 (0.23)	2 (0.21)	-
Dolichopodidae (Zp)	2 (0.16)	-	5 (0.53)	3 (0.19)	2 (0.22)	-	6 (0.43)	2 (0.19)
Drosophilidae (Sp)	2 (0.20)	8 (0.56)	5 (0.68)	8 (0.53)	2 (0.40)	2 (0.15)	2 (0.14)	-
Empididae (Zp)	10 (0.41)	4 (0.52)	3 (0.61)	8 (0.35)	28 (1.39)	40 (1.76)	9 (0.49)	-
Keroplastidae (Sp)	-	-	-	-	3 (0.40)	8 (0.61)	1 (0.10)	-
Lauzanidae (Sp)	-	3 (0.24)	6 (0.45)	12 (0.46)	-	4 (0.20)	2 (0.22)	-
Limoniidae (Sp)	-	-	-	4 (0.36)	4 (0.77)	12 (0.80)	8 (0.82)	4 (0.41)
Lonchopteridae (Sp)	-	-	-	1 (0.10)	1 (0.20)	1 (0.11)	-	-
Milichidae (Ps)	2 (0.20)	-	1 (0.20)	1 (0.10)	-	-	-	-
Muscidae (Sp)	104 (2.45)	16 (1.04)	20 (1.50)	50 (2.22)	5 (0.60)	16 (0.54)	35 (2.50)	-
Mycetophilidae (Mc)	56 (3.51)	117 (4.97)	95 (3.58)	116 (2.96)	170 (11.67)	146 (2.86)	83 (3.99)	8 (0.46)
Psillydae (Pt)	2 (0.20)	1 (0.11)	2 (0.22)	-	-	-	-	-
Phoridae (Ps)	240 (17.70)	245 (15.91)	202 (13.58)	173 (5.17)	147 (7.30)	448 (24.23)	25 (0.95)	-
Platypezidae (Mc)	-	-	-	-	12 (0.77)	-	-	-
Rhangionidae (Zp)	-	1 (0.11)	2 (0.25)	-	-	-	2 (0.21)	-
Scathophagidae (Sp)	-	-	-	-	9 (0.70)	4 (0.20)	4 (0.42)	-
Scatopsidae (Sp)	10 (0.67)	5 (0.46)	-	3 (0.31)	-	4 (0.20)	6 (0.52)	-
Sciaridae (Sp)	22 (1.62)	14 (0.92)	22 (1.57)	88 (2.80)	16 (0.83)	8 (0.56)	15 (0.51)	4 (0.19)
Sphaeroceridae (Sp)	8 (0.83)	43 (3.21)	19 (1.56)	29 (1.73)	25 (1.22)	128 (5.88)	9 (0.83)	-
Tachinidae (Ps)	-	-	-	-	-	-	-	2 (0.15)
Tipulidae (Sp)	-	-	-	-	8 (0.96)	64 (2.01)	1 (0.10)	2 (0.19)
HEMIPTERA								
Aphidae (Pt)	2 (0.16)	2 (0.23)	4 (0.40)	3 (0.42)	-	-	-	-
Cicadellidae (Pt)	4 (0.21)	19 (1.05)	19 (1.41)	81 (1.91)	-	6 (0.39)	14 (0.54)	4 (0.20)
Coreidae (Pt)	-	-	-	-	5 (1.02)	-	1 (0.14)	-
Delphacidae (Pt)	-	1 (0.11)	1 (0.22)	9 (0.38)	-	-	-	-
Enicocephallidae (Pr)	2 (0.16)	-	1 (0.20)	-	1 (0.20)	-	-	2 (0.15)
Lygaeidae (Pt)	-	4 (0.37)	4 (0.38)	1 (0.10)	1 (0.20)	2 (0.15)	-	-
Nabidae (Zp)	4 (0.37)	-	1 (0.20)	6 (0.36)	-	-	-	-
Pentatomidae (Pt)	-	-	-	-	-	-	1 (0.14)	-
HYMENOPTERA								
Bethylidae (Ps)	2 (0.20)	-	-	-	-	-	-	-
Braconidae (Ps)	52 (2.25)	3 (0.35)	-	1 (0.10)	3 (0.40)	-	3 (0.31)	-

Cynipidae (Ps)	-	-	-	-	-	-	1 (0.14)	-
Driapriidae (Ps)	32 (2.25)	100 (4.86)	31 (1.72)	11 (0.44)	29 (0.93)	54 (1.94)	26 (1.18)	-
Encyrtidae (Ps)	-	-	-	-	2 (0.34)	-	(0.14)	-
Evaniidae (Ps)	1 (0.10)	-	-	-	-	-	-	-
Formicidae (Pl)	136 (7.55)	67 (3.47)	226 (17.98)	72 (2.76)	206 (16.33)	34 (1.14)	241 (20.44)	6 (0.37)
Ichneumonidae (Ps)	2 (0.20)	1 (0.11)	3 (0.30)	1 (0.10)	1 (0.20)	-	1 (0.10)	-
Megaspilidae (Ps)	-	-	-	1 (0.10)	-	-	-	-
Pompilidae (Ps)	-	-	-	1 (0.10)	-	-	-	-
Proctotrupidae (Ps)	-	1 (0.11)	-	-	-	-	-	-
Pteromalidae (Ps)	-	3 (0.35)	2 (0.40)	-	-	6 (0.29)	-	-
Scelionidae (Ps)	-	1 (0.11)	-	-	-	2 (0.15)	-	-
Vespidae (Zp)	2 (0.16)	-	1 (0.22)	4 (0.31)	-	-	-	-
LEPIDOPTERA								
Saturnidae (Pt)	-	-	-	-	1 (0.19)	-	-	-
Noctuidae (Pt)	-	-	-	2 (0.21)	-	-	-	-
Geometridae (Pt)	-	1 (0.11)	2 (0.22)	1 (0.10)	-	-	-	-
DERMAPTERA								
Familia X (Pl)	6 (0.48)	2 (0.35)	4 (0.41)	3 (0.21)	60 (6.58)	8 (0.61)	5 (0.23)	-
ORTOPTERA								
Acrididae (Pt)	-	-	-	1 (0.10)	-	-	1 (0.10)	1 (0.11)
Rhaphidophoridae (Pl)	2 (0.20)	5 (0.36)	1 (0.13)	-	10 (0.49)	8 (0.56)	-	-
	-	3 (0.27)	-	-	8 (0.81)	-	-	-
Stenopelmatidae (Pl)								
NEUROPTERA	-	-	1 (0.20)	1 (0.10)	-	-	-	-
Hemerobiidae (Zp)								
BLATTODEA	10 (0.57)	6 (0.58)	8 (0.88)	6 (0.42)	-	-	-	-
Blattellidae (Sp)								
SIPHONAPTERA	2 (0.12)	2 (0.23)	-	(0.21)	-	-	-	-
Pulicidae (Sp)								
PSOCOMORPHA	2 (0.12)	2 (0.23)	-	2 (0.21)	-	-	-	-
Pulicidae (Sp)								
COLLEMBOLA	2634 (195.95)	2540 (57.03)	3149 (130.97)	16512 (1029.55)	309 (35.53)	494 (15.40)	638 (20.59)	408 (29.42)
Arthropleona (Sp)	-	11 (0.95)	14 (1.15)	21 (1.24)	-	-	-	-
Syphyleona (Sp)								
THYSANURA	38 (2.15)	6 (0.59)	10 (0.92)	7 (0.73)	1 (0.13)	58 (2.24)	9 (0.35)	-
Family X (Sp)								

ARANAE	36 (1.95)	41 (1.90)	43 (3.72)	20 (0.85)	29 (2.01)	84 (5.64)	13 (0.41)	4 (0.30)
Family X (Zp)								
OPILIONIDAE	10 (0.25)	2 (0.23)	4 (0.44)	-	25 (0.72)	2 (0.36)	3 (0.22)	-
Family X (Sp)								
ACARINA	24 (1.67)	29 (1.61)	17 (1.38)	9 (0.49)	11 (0.52)	26 (1.26)	2 (0.22)	-
Family X (Sp)								