Table S1 The mean abundance of invertebrate (number bag^{-1}) according to two sites of the litterbags with and without of *A. philoxeroides* over 360 days (n = 3)

Invertebrates	*N. affinis* site				*F. virens* site			
	N. affinis	*F. virens*	*N. affinis* × *A. philoxeroides*	*F. virens* × *A. philoxeroides*	*N. affinis*	*F. virens*	*N. affinis* × *A. philoxeroides*	*F. virens* × *A. philoxeroides*
Sarcodina								
Arcella vulgaris	166.45	157.87	199.76	79.65	89.75	61.86	82.88	69.09
Arcella gibbosa	157.15	37.07	269.77	189.88	159.18	169.43	198.05	149.77
Arceella discoides	166.64	158.95	79.26	57.93	82.98	179.02	0.00	0.00
Difflugia globulosa	38.54	212.87	96.83	194.87	178.43	92.85	139.98	238.97
Difflugia gramen	171.58	179.54	149.59	194.98	86.96	178.64	79.95	179.76
Cyclopyxis arcelloides	127.54	139.64	98.64	158.65	148.63	158.64	176.98	196.94
Amoeba proteus	19.66	0.00	169.53	87.54	179.76	3.76	89.85	219.65
Saccamoeba sp.	94.95	139.64	94.86	89.54	161.87	99.64	119.88	189.43
Platyamoeba placida	216.42	170.48	0.00	169.43	48.96	89.75	280.65	0.00
Amoeba proteus	89.54	81.67	149.54	91.76	89.55	170.84	179.65	158.76
Saccamoeba limax	148.43	182.93	98.65	176.98	79.75	0.00	68.97	169.88
Trinema lineare	247.65	90.65	59.49	120.65	99.64	149.05	118.08	188.95
Vannella platpodia	189.54	161.65	213.97	157.95	138.54	138.94	0.00	99.86
Euglypha acanthophora	78.54	0.00	259.65	78.65	71.76	180.59	217.54	0.00
Mayorella penardi	92.65	67.54	189.43	39.76	0.00	168.99	118.75	149.83

Quadrulella globulosa	259.54	94.96	239.75	99.77	83.97	89.65	79.87	277.96
Ciliatea								
Stylonychia mytilus	17.54	9.54	29.77	19.76	90.68	259.64	49.08	39.76
Carchesium polypinum	61.94	7.43	3.96	9.65	17.58	121.98	39.88	29.85
Dermaptera								
Labidura japonica	2.76	3.93	5.93	0.00	2.76	14.85	2.86	9.80
Forficula auricularia	1.65	0.58	2.65	0.56	4.65	11.86	5.80	15.48
Oligochaeta								
Eisenia foetida	0.00	1.54	0.07	2.97	7.98	9.77	8.87	11.06
Lumbricus terrestris	0.00	2.43	0.00	0.54	6.94	7.29	4.96	5.09
Nematoda								
Meloidogyne incognita	1.54	1.64	2.49	0.00	6.92	18.69	10.75	19.50
Pratylenehus sp.	7.45	3.53	4.64	4.95	11.03	27.95	18.97	37.85
Chilopoda								
Scolopendra subspinipes	0.78	0.00	0.00	0.00	0.76	3.94	0.65	2.76
Isopoda								
Porcellio laevis	0.76	1.95	0.00	1.76	8.46	2.56	11.86	2.65
Porcellio scaber	2.87	1.66	3.78	0.76	9.03	1.46	17.76	1.65
Lepismatidae								
Ctenolepisma villosa	11.65	9.88	14.75	8.53	1.93	0.00	8.76	0.00
Collembola								
Onychiurus sp.	263.64	68.54	239.66	89.39	48.64	11.89	38.76	39.76

Entomobrya sauteri	121.68	89.54	229.65	69.76	39.07	18.88	84.96	28.95
Diptera								
Bradysia minpleurot	9.02	0.45	11.56	1.66	0.00	2.58	0.00	1.78
Arachnida								
Pardosa laura	9.64	0.00	6.76	1.86	0.25	0.45	0.00	0.46
Tegenaria domestica	5.38	0.00	7.64	3.79	0.00	0.00	0.98	0.00
Tetranychus cinnbarinus	21.86	0.00	38.59	9.65	2.98	2.09	2.67	1.57
Formicidae								
Lasius capitatus	11.75	1.56	12.75	3.64	0.65	1.03	1.09	0.43
Diacamma rugosun	5.26	0.33	7.75	2.83	1.54	0.00	0.27	0.00