

**S1 Table. Species and individuals of dominant soil mite populations in August, September and October (n=121 samples).**

Species <sup>a</sup>	August			September			October		
	Individuals	Percentage of total mite (%)	CV (%) <sup>b</sup>	Individuals	Percentage of total mite (%)	CV (%)	Individuals	Percentage of total mite (%)	CV (%)
<b>M1</b>	512	1.37	1.13	1366	5.23	1.13	1016	4.62	1.22
<b>M2</b>	9420	25.21	2.29	5754	22.03	1.06	7192	32.68	1.42
<b>M3</b>	6779	18.14	1.14	6551	25.08	1.03	4842	22.00	1.14
<b>M4</b>	11485	30.74	4.66	5780	22.13	2.29	5435	24.70	2.31
<b>M5</b>	495	1.32	1.02	1832	7.01	0.77	899	4.09	2.25
<b>M6</b>	1719	4.60	1.28	1577	6.04	1.98	696	3.16	3.48

<sup>a</sup> M1, Oribatida, *Incabates major* Aoki, 1970; M2, Oribatida, *Epilohmannia ovata* Aoki, 1961; M3, Oribatida, *Cryptoppia brevisetiger* Wen, Aoki & Wang, 1984; M4, Prostigmata, *Allopygmephorus chinensis* Mahunka, 1975; M5, Mesostigmata, *Gamasellus changbaiensis* Bei & Yin, 1995; M6, Mesostigmata, *Pachylaelaps neoxenillitus* Ma, 1997.

<sup>b</sup> CV, coefficient of variation.