

# Soil mite communities (Acari: Mesostigmata) and their relationship with some environmental variables in experimental grasslands from Bucegi Mountains in Romania

Insects

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**Table S1.** Numerical abundance (Ab.) and frequency (F%) of Mesostigmata mites from experimental plots, 2017.

Species	Code	CG		A		B		C		D		Total	
		Ab.	F%	Ab.	F%	Ab.	F%	Ab.	F%	Ab.	F%	Ab.	F%
<i>Alliphis haleri</i> (G. & R.Canestrini, 1881)	Allihale									9	6	9	6
<i>Arctoseius cetratus</i> (Sellnick, 1940)	Arctcert	38	20	37	28	17	18	42	26	176	52	310	90
<i>Arctoseius insularis</i> (Willmann, 1952)	Arctinsu							13	4	6	2	19	6
<i>Cheroseius bryophilus</i> Karg, 1969	Cherbryo							2	4	62	16	64	20
<i>Dendrolaelaps foveolatus</i> (Leitner, 1949)	Dendfove							118	6	96	6	214	12
<i>Dendrolaelaps</i> sp.	Dendsp					17	8	4	6	4	4	25	18
<i>Dinychus carinatus</i> Berlese, 1903	Dinyca							2	4	6	4	8	8
<i>Dinychus</i> sp.	Dinyasp									9	14	9	14
<i>Gamasellodes insignis</i> (Hirschmann, 1963)	Gamainsi									10	2	2	2
<i>Gamasellodes bicolor</i> (Berlese, 1918)	Gamabico									2	2	10	2
<i>Geolaelaps noll</i> (Karg, 1962)	Geolnoll	3	6	85	30	8	6	31	18	65	18	192	64
<i>Geolaelaps praesternalis</i> Willmann, 1949	Geolprae	1	2	27	4					3	6	31	10
<i>Iphidozercon gibbus</i> (Berlese, 1903)	Iphigibb					3	6			4	2	7	6
<i>Leioseius magnanalis</i> (Evans, 1958)	Leiomagn									1	2	1	2
<i>Lysigamasus conus</i> Karg, 1971	Lysiconu	3	6	2	4	1	2	22	14	63	32	91	42
<i>Neopodocinum mrciaki</i> Selinick, 1968	Neopmrch									2	4	79	32
<i>Mixozzercon sellnicki</i> (Schweizer 1948)	Mixosell	5	8	41	18	3	2	30	10			2	4
<i>Olopachys vysotskajae</i> Koreleva, 1976	Olovyso			6	2							6	2
<i>Onchodellus</i> sp.	Onchsp									4	4	4	4
<i>Onchodellus karawaiiewi</i> Berlese, 1920	Onchkara			1	2							1	2
<i>Oodinychus</i> sp.	Oodisp									1	2	1	2
<i>Pergamasus laetus</i> Juvara-Bals, 1970	Perglaet			1	2			9	6	9	14	19	18
<i>Pergamasus norvegicus</i> (Berlese, 1906)	Pergnorv									10	10	10	12
<i>Pergamasus quisquiliarum</i> (Canestrini & Canestrini, 1882)	Pergquis									2	4	2	4

<i>Prozercon</i> sp.	Prozsp					13	2	13	2
<i>Pseudoparasitus sellnicki</i> (Bregetova & Koroleva, 1964)	Pseusell					3	6	3	6
<i>Uroobovella</i> sp.	Uroosp			3	6	19	10	22	16
<i>Veigaia planicola</i> Berlese, 1892	Veigplan					1	2	4	2
<i>Veigaia nemorensis</i> (C.L.Koch, 1836)	Veignemo					4	2	1	2
<i>Vulgarogamasus kraepelini</i> (Berlese, 1904)	Vulgkrae		4	2				4	2
Total number of species		5	9	7	10	26		30	
Total no. of individuals		50	204	52	273	584		1163	