

Co-occurrence patterns and shaping processes of assembly in beetle and spider communities in eastern Mediterranean maquis formations

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Supplementary material

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TABLE S1. Relative abundance and average body size (in mm, \pm SD) of the carabid taxa captured in the five study sites

Carabidae	Body length	Crete	Attiki	Naxos	Cyprus	Samos
<i>Acinopus (s. str.) picipes</i> (Olivier, 1795)					0.087	0.008
<i>Calathus (s. str.) fuscipes</i> (Goeze, 1777)	13 \pm 0.2			0.026		0.002
<i>Calathus (s. str.) korax</i> Reitter, 1889	15.4		0.009			
<i>Calathus (s. str.) longicollis</i> Motschulsky, 1865	15				0.014	
<i>Calathus (Neocalathus) mollis</i> (Marsham, 1802)	8.5			0.006		
<i>Calathus (s. str.) reflexus</i> Schaum, 1858	15				0.014	
<i>Carabus (Procrustes) banoni</i> Dejean, 1829	27.6 \pm 0.8	0.192				
<i>Carabus (Procrustes) coriaceus cerisyi</i> Dejean, 1826	33.2 \pm 0.9		0.184	0.091		0.709
<i>Carabus (Pachystus) graecus graecus</i> Dejean, 1826	26.2 \pm 1		0.18			0.007
<i>Carabus (Oreocarabus) hortensis preslii</i> Dejean & Boisduval, 1830	23.5 \pm 0.9		0.456			
<i>Carabus (Pachystus) trojanus</i> Dejean, 1826	25 \pm 1			0.669		0.002
<i>Cymindis (s. str.) adusta</i> L. Redtenbacher, 1843	7.75 \pm 0.05				0.058	
<i>Cymindis (s. str.) axillaris</i> (Fabricius, 1794)	9 \pm 0.3				0.145	0.014
<i>Cymindis (s. str.) naxiana</i> Apfelbeck, 1904	10 \pm 0.4			0.091		
<i>Ditomus calydonius</i> (P. Rossi, 1790)	0.308		0.039			
<i>Dixus eremita</i> (Dejean, 1825)	0.008				0.005	
<i>Laemostenus (Pristonychus) cimmerius</i> (Fischer von Waldheim, 1823)	19 \pm 0.4		0.157			
<i>Laemostenus (Pristonychus) conspicuus</i> (Waltl, 1838)	25.2 \pm 0.8					0.171
<i>Laemostenus (Sphodroides) cordicollis</i> (Chaudoir, 1854)	16.5				0.014	
<i>Lebia (Lamprias) cyanocephala</i> (Linnaeus, 1758)	6 \pm 0.2	0.1				
<i>Licinus (s. str.) aegyptiacus</i> Dejean, 1826	14	0.008				
<i>Licinus (s. str.) silphoides</i> (P. Rossi, 1790)	13		0.005	0.006		
<i>Notiophilus danieli</i> Reitter, 1897	5				0.014	
<i>Olisthopus glabricollis</i> (Germar, 1817)	3.5			0.006	0.014	
<i>Ophonus (Hesperophonus) subquadratus</i> (Dejean, 1829)	7.55 \pm 0.05			0.013		0.007
<i>Platyderus (s. str.) atticus</i> Apfelbeck, 1904	8		0.009			
<i>Platyderus (s. str.) cyprius</i> Piochard de la Brûlerie, 1876	8 \pm 0.2				0.609	
<i>Platyderus (s. str.) jedlickai</i> Mařan, 1935	8 \pm 0.3	0.383		0.052		0.073
<i>Syntomus fuscomaculatus</i> (Motschulsky, 1844)	3.5				0.014	
<i>Trechus (s. str.) quadristriatus</i> (Schränk, 1781)	4					0.002
<i>Trechus (s. str.) saulcyanus</i> Csiki, 1928	3.5				0.014	
<i>Zabrus (Pelor) cf asiaticus</i> Laporte de Castelnau, 1834		0.002				
Total number of individuals	120	217	154	69	591	

TABLE S2. Relative abundance and average carapace width of the captured gnaphosid taxa among sites (in mm, \pm SD)

Gnaphosidae	Av. carapace width	Crete	Attiki	Naxos	Cyprus	Samos
<i>Anagraphis pallens</i> Simon, 1893	2.124 \pm 0.62	0.007		0.004	0.005	
<i>Anagraphis pallida</i> (Hadjissarantos, 1940)	1.429					0.005
<i>Berinda cypria</i> Chatzaki & Panayiotou, 2010	2				0.07	
<i>Berinda ensigera</i> (O. P.-Cambridge, 1874)	2.662 \pm 0.07		0.424			0.215
<i>Camillina metellus</i> (Roewer, 1928)	1.143 \pm 0.1	0.014				0.01
<i>Cesonia aspida</i> Chatzaki, 2002	2.3 \pm 0.29	0.043		0.004		0.005
<i>Drassodes lapidosus</i> (Walckenaer, 1802)	2.929					0.005
<i>Drassodes lutescens</i> (C. L. Koch, 1839)	2.435 \pm 0.08	0.021	0.051	0.036		
<i>Drassyllus</i> sp.	1.689				0.055	
<i>Drassyllus jubatopalpis</i> Levy, 1998	1.7		0.017			
<i>Haplodrassus creticus</i> (Roewer, 1928)	1.612	0.035				
<i>Haplodrassus signifier</i> (C. L. Koch, 1839)	2.357				0.11	
<i>Leptopilos hadjissaranti</i> (Chatzaki, 2002)	0.914					0.005
<i>Leptopilos pupa</i> (Dalmas, 1919)	1.111	0.007				
<i>Micaria coarctata</i> (Lucas, 1846)	1.329	0.014				
<i>Nomisia excerpta</i> (O. P. Cambridge, 1872)	1.739	0.071				
<i>Nomisia exornata</i> (C. L. Koch, 1839)	1.615 \pm 0.09		0.017	0.013		0.029
<i>Nomisia recepta</i> (Pavesi, 1880)	1.531				0.065	
<i>Phaeoecedus braccatus</i> (L. Koch, 1866)	1.7		0.017			
<i>Poecilochroa</i> sp.	2.629				0.005	
<i>Pterotricha lentiginosa</i> (C. L. Koch, 1837)	2.66 \pm 0.41	0.262	0.119	0.33	0.2	0.56
<i>Synaphosus trichopus</i> (Roewer, 1928)	0.99					0.014
<i>Trachyzelotes adriaticus</i> (Caporiacco, 1951)	1.9		0.102			
<i>Trachyzelotes barbatus</i> (L. Koch, 1866)	2.165 \pm 0.24			0.022		0.024
<i>Trachyzelotes fuscipes</i> (L. Koch, 1866)	1.714		0.034			
<i>Trachyzelotes lyonetti</i> (Audouin, 1826)	1.712			0.011		
<i>Trachyzelotes malkini</i> Platnick & Murphy, 1984	1.94 \pm 0.57	0.262	0.068			0.005
<i>Trachyzelotes stubbsi</i> Platnick & Murphy, 1984	1.68				0.16	
Unknown sp.	1.329				0.025	
<i>Zelotes</i> sp.	1.6					0.005
<i>Zelotes caucasius</i> (L. Koch, 1866)	1.99	0.028				
<i>Zelotes helvoloides</i> Levy, 1998	1.2					0.005
<i>Zelotes cingarus</i> (O.P. Cambridge, 1874)	2.143		0.017			
<i>Zelotes minous</i> Chatzaki, 2003	1.771		0.017			
<i>Zelotes segrex</i> (Simon, 1878)	1.493 \pm 0.25	0.057				0.01
<i>Zelotes solstitialis</i> Levy, 1998	2.36 \pm 0.4		0.119	0.136	0.2	
<i>Zelotes subterraneus</i> (C. L. Koch, 1833)	1.918 \pm 0.27	0.149		0.094		
<i>Zelotes tenuis</i> (L. Koch, 1866)	1.641 \pm 0.34	0.028		0.348	0.105	0.105
Total number of individuals	141	59	448	200	209	