Table S1. Diet composition of males and females in *Lissotriton italicus, Lissotriton vulgaris* and *Triturus carnifex*. The number of stomachs examined is reported in brackets (females; males). N% = percentage of prey number; V% = percentage of prey volume; IRI = index of relative importance; B' = Hurlbert Index values; ad = adult; l = larvae; ne = neanids; ny = nymphs; pu = pupae; aq = aquatic; ter = terrestrial.

	L. italicus (83; 59)						*L. vulgaris* (70; 93)						*T. carnifex* (111; 116)					
PREY	N% F	V% F	IRI F	N% M	V% M	IRI M	N% F	V% F	IRI F	N% M	V% M	IRI M	N% F	V% F	IRI F	N% M	V% M	IRI M
Acanthocephala	0	0	0	0	0	0	0	0	0	0	0	0	0.041	0.002	0.039	0	0	0
Acarina	0	0	0	0.335	0.002	1.142	0	0	0	0.103	0.004	0.115	0.124	0.002	0.339	0	0	0
Amphipoda	7.038	0.081	154.391	8.375	0.323	324.435	1.310	0.164	29.472	2.649	0.252	62.372	3.379	0.085	59.294	1.513	0.026	18.565
Araneae	0.630	1.127	12.701	0.670	2.205	19.490	0.047	0.366	0.589	0.034	0.505	0.580	0.412	1.067	10.663	0.309	0.867	8.111
Bivalvia	1.681	2.562	10.223	0	0	0	0.140	0.935	3.074	0	0	0	0.165	0.354	0.934	2.269	5.042	44.120
Blattodea	0.105	0.949	1.270	0.168	2.785	5.005	0	0	0	0	0	0	0.041	0.546	0.529	0.206	2.857	15.844
Cladocera	27.311	1.322	724.435	21.106	1.894	935.592	78.812	16.807	6966.545	73.994	29.644	7132.059	56.819	3.888	2078.265	46.889	3.361	1646.126
Coleoptera ad aq	0.105	0.145	0.301	0.335	0.851	4.019	0	0	0	0.069	0.488	1.198	0.124	0.300	1.144	0.069	0.139	0.359
Coleoptera ad ter	1.576	1.701	35.533	1.675	4.763	87.290	0.234	1.608	13.156	0.103	0.834	1.008	2.060	4.332	120.928	1.169	5.929	91.787
Coleoptera l aq	1.366	1.173	27.525	0.670	0.637	6.646	0.047	0.106	0.218	0	0	0	0.536	0.389	3.333	0.138	0.104	0.834
Coleoptera l ter	0	0	0	0	0	0	0	0	0	0	0	0	0.082	0.164	0.222	0.241	0.124	0.942
Collembola	0.525	0.005	1.277	0	0	0	0.047	0.002	0.069	0	0	0	0.082	0.001	0.150	0	0	0
Crustacea	0.105	0.109	0.258	0.335	0.326	2.242	0	0	0	0	0	0	0.124	0.003	0.228	0	0	0
Dermaptera	0.105	0.881	1.188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diplopoda	0	0	0	0	0	0	0	0	0	0	0	0	0.371	3.107	15.668	0.069	0.811	0.758
Diptera	2.626	0.614	46.837	2.001	0.693	36.647	0	0	0	0.069	0.127	0.421	0.536	0.169	5.716	0.481	0.159	6.071
Diptera l	24.895	7.133	1659.300	32.983	13.537	3233.842	6.268	11.628	1022.630	8.875	28.335	2080.548	9.930	14.218	1218.295	21.485	15.561	2554.867
Diptera pu	4.727	8.309	376.950	8.277	26.559	1355.300	2.526	19.417	595.595	0.688	9.936	159.935	4.120	10.149	527.061	8.353	21.301	1022.558
Ephemeroptera l	2.311	1.967	56.700	0.875	1.312	14.576	0.281	1.045	11.361	0.103	0.722	2.661	0.700	0.839	18.032	0.756	0.946	20.550
Formicidae	1.155	0.141	10.931	1.650	0.215	16.016	0	0	0	0.034	0.047	0.087	0.865	0.173	12.163	0.653	0.158	7.696
Gastropoda	0	0	0	0.1675	1.284	2.460	0.374	6.814	61.615	0.034	1.177	1.302	3.008	17.777	337.056	1.547	9.469	180.439
Haplotaxida	0.105	6.771	8.285	0	0	0	0.047	13.186	18.904	0	0	0	0	0	0	0.138	13.030	22.703
Hymenoptera (no Formicidae)	0.315	1.641	4.714	0.875	0.215	8.916	0.047	0.031	0.112	0	0	0	0.124	0.241	0.985	0.138	0.794	3.211
Isopoda aq	6.723	54.868	964.679	2.513	37.748	341.190	0.187	6.678	29.422	0.275	18.453	120.829	1.607	17.654	86.762	0.653	7.474	49.041

Isopoda ter	0	0	0	0	0	0	0	0	0	0	0	0	0.082	0.152	0.422	0.034	0.107	0.122
Isoptera	0	0	0	0.1675	0.174	0.578	0.047	0.112	0.227	0	0	0	0	0	0	0	0	0
Lepidoptera l	0	0	0	0	0	0	0.047	0.621	0.955	0	0	0	0.124	1.309	3.873	0.206	1.457	8.601
Nematoda	0	0	0	0.1675	0.001	0.285	0	0	0	0	0	0	0	0	0	0	0	0
Odonata	0	0	0	0	0	0	0	0	0	0	0	0	0.082	1.212	2.332	0.034	0.889	0.796
Odonata l	0.525	1.421	9.379	0.838	1.558	16.239	0.140	12.501	54.179	0	0	0	0.618	10.991	135.965	0.241	2.314	13.215
Orthoptera	0.420	0.507	2.235	0.1675	0.372	0.915	0	0	0	0	0	0	0.041	0.070	0.100	0.034	0.061	0.082
Ostracoda	6.723	0.544	183.4850	14.573	2.170	709.433	7.764	2.747	465.477	12.693	8.412	953.169	7.705	0.877	201.022	10.072	1.198	369.184
Pseudoscorpionida	0.210	0.014	0.270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhynchota ad aq	0.105	0.048	0.184	0	0	0	0	0	0	0	0	0	0.041	0.002	0.039	0.034	1.344	1.189
Rhynchota ad ter	1.681	3.895	60.462	0.838	0.294	9.589	0	0	0	0	0	0	0.865	3.428	58.011	0.756	2.878	43.860
Rhynchota ne aq	0	0	0	0	0	0	0	0	0	0	0	0	0.330	0.148	1.721	0.516	0.242	4.570
Rhynchota ny ter	0	0	0	0	0	0	0	0	0	0	0	0	0.041	0.067	0.097	0	0	0
Salamandridae eggs	6.828	2.071	203.698	0.1678	0.078	0.416	1.590	3.387	85.333	0.241	1.061	5.601	4.738	5.386	209.791	0.894	1.031	21.566
Scorpiones	0	0	0	0	0	0	0	0	0	0	0	0	0.041	0.374	0.374	0.034	0.326	0.310
Thysanoptera	0.105	0.001	0.128	0.1675	0.003	0	0	0	0	0.034	0.003	0.044	0	0	0	0.069	0.001	0.120
Trichoptera l	0	0	0	0	0	0	0.047	1.843	2.700	0	0	0	0.041	0.523	0.508	0	0	0
B'	0.202	0.081		0.177	0.135		0.031	0.371		0.050	0.237		0.056	0.227		0.084	0.266	
Total prey	952	7642.400		597	2603.583		213.8	3924.532		290.7	2840.467		242.7	1384.652		290.9	1588.666	
% Aquatic prey	91.290	81.754		90.441	88.28		99.486	84.074		99.62	98.48		94.108	84.798		95.462	70.442	