

Numbers of collected carabid beetle individuals (100-trap-days) at the sampling plots including informatio

Species	Habitat pref.	Trophic spec.	Breeding type	1-1	1-2	1-3	1-4
<i>Amara aenea</i>	o	hz	s	0	0	0	0
<i>Amara aulica</i>	o	hz	a	0	0	0	0
<i>Amara bifrons</i>	o	hz	a	0	0	0	0.56
<i>Amara brunnea</i>	f	hz	a	0	0	0	0
<i>Amara communis</i>	o	hz	s	0	0	0	0
<i>Amara consularis</i>	o	hz	a	0	0	0	0
<i>Amara convexior</i>	o	hz	s	0	0	0	1.11
<i>Amara equestris</i>	o	hz	a	0	0	0	0
<i>Amara familiaris</i>	e	hz	s	0	0	0	0
<i>Amara fulva</i>	o	hz	a	0	0	1.95	0
<i>Amara lunicollis</i>	e	hz	s	0	0.39	0	0
<i>Amara ovata</i>	o	hz	s	0	0.39	0	0
<i>Amara similata</i>	o	hz	s	0	0	0	0
<i>Anchomenus dorsalis</i>	o	sz	s	0	0	0	0
<i>Anisodactylus binotatus</i>	o	hz	s	0	0	0	0.56
<i>Asaphidion flavipes</i>	o	sz	s	0	0	0	0
<i>Badister bullatus</i>	e	sz	s	0	0	0	0
<i>Badister lacertosus</i>	f	sz	s	0	0	0	0
<i>Badister peltatus</i>	e	sz	s	0.39	0	0	0
<i>Badister sodalis</i>	o	sz	s	0	0	0	0
<i>Bembidion lampros</i>	o	sz	s	0	0	0	0
<i>Calathus erratus</i>	e	sz	a	0	0	1.95	0
<i>Calathus fuscipes</i>	o	sz	a	0	0.39	0	0
<i>Calathus melanocephalus</i>	e	sz	a	0	0.39	0	0
<i>Carabus cancellatus</i>	o	bz	s	0	0	0	0
<i>Carabus granulatus</i>	e	bz	s	0	0	0	0
<i>Carabus nemoralis</i>	f	bz	s	0	0	0	0
<i>Chlaenius nigricornis</i>	o	sz	s	0	0	0	0
<i>Chlaenius tibialis</i>	o	sz	s	0	0	0	0
<i>Clivina fossor</i>	o	sz	s	0	0	0	0
<i>Epaphius secalis</i>	e	sz	a	0	0	0	0
<i>Harpalus affinis</i>	o	hz	s	0	0	0	0
<i>Harpalus anxius</i>	o	hz	s	0	0	0	0
<i>Harpalus autumnalis</i>	o	hz	s	0	0.78	0	0
<i>Harpalus calceatus</i>	o	hz	a	0	0	0	0
<i>Harpalus flavescens</i>	o	hz	a	0	0	0	0
<i>Harpalus griseus</i>	o	hz	a	0	0	0.39	0
<i>Harpalus laevipes</i>	f	hz	s	0	0	0	0
<i>Harpalus latus</i>	e	hz	a	0	0	0	0
<i>Harpalus luteicornis</i>	e	hz	s	0	0	0	0
<i>Harpalus progrediens</i>	e	hz	s	0	0	0	0
<i>Harpalus pumilus</i>	o	hz	s	0	0.39	0	0
<i>Harpalus rubripes</i>	o	hz	s	0	0	0.39	0
<i>Harpalus rufipes</i>	o	hz	a	0	2.73	4.69	0
<i>Harpalus smaragdinus</i>	o	hz	s	0	0	0.39	0
<i>Harpalus tardus</i>	e	hz	s	0	2.73	0	0
<i>Harpalus xanthopus</i>	e	hz	s	0	0	0	0
<i>Leistus ferrugineus</i>	f	sz	a	0	0	0	0

<i>Leistus rufomarginatus</i>	f	sz	a	0	0	0	0
<i>Licinus depressus</i>	o	sz	s	0	0	0	0
<i>Limodromus assimilis</i>	f	sz	s	0	0	0	0
<i>Masoreus wetterhallii</i>	o	sz	a	0	0.39	0	0
<i>Nebria brevicollis</i>	f	sz	a	0	0	0	0
<i>Notiophilus aquaticus</i>	e	sz	a	0	0	0	0
<i>Notiophilus biguttatus</i>	f	sz	s	0	0	0	0
<i>Notiophilus palustris</i>	f	sz	s	0	0	0	0
<i>Oodes helopioides</i>	e	sz	s	0	0	0	0
<i>Ophonus laticollis</i>	e	hz	a	0	0	0	0
<i>Ophonus puncticollis</i>	o	hz	a	0	0	0	0
<i>Oxypselaphus obscurus</i>	f	sz	s	0	0	0	0
<i>Panagaeus bipustulatus</i>	o	sz	s	0	0	0.39	0
<i>Panagaeus crux-major</i>	o	sz	s	0	0	0	0
<i>Patrobus atrorufus</i>	f	sz	a	0	0	0	0
<i>Poecilus cupreus</i>	o	sz	s	0	0	0	0
<i>Poecilus lepidus</i>	o	sz	a	0	0	0	0
<i>Poecilus versicolor</i>	o	sz	s	0	0.39	0	0
<i>Pterostichus anthracinus</i>	o	sz	s	0	0	0	0
<i>Pterostichus melanarius</i>	e	bz	a	0	0	0	0
<i>Pterostichus niger</i>	f	bz	a	0	0	0	0
<i>Pterostichus nigrata</i>	e	sz	s	0	0	0	0
<i>Pterostichus oblongopunctatus</i>	f	sz	s	0	0	0	0
<i>Pterostichus strenuus</i>	f	sz	s	0	0	0	0
<i>Pterostichus vernalis</i>	e	sz	s	0	0	0	0
<i>Stomis pumicatus</i>	e	sz	a	0	0	0	0
<i>Syntomus truncatellus</i>	e	sz	s	0	0	0	0
<i>Synuchus vivalis</i>	e	sz	a	0	0	0	0



0	0	0	0.39	0	0	0	1.18	0.39	0	0	0	0
0	0	0	0	0	0	1.12	0.39	0	0.79	0	0	3.76
0	0	0	0	0	0	0	0	0.39	0	2.65	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	2.34	0.39	0.78	0	0	0	1.18	0.79	1.18	4.17	1.89	2.26
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.39	0	0	0	0.79	0	0.79	1.89	0.38	0
0	0	0	0	0	0	0	0	0	0	0	0.38	0
0	0.39	0	0.39	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	4.30	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	1.17	0	1.56	0	1.49	0	0	0	8.66	0	1.89	0
0	0	0	0	0	0	0.37	0	0	0	0	0	0
0	12.50	0.78	5.08	0	5.22	0	0	0	0	0	0	0.75
0.78	1.95	1.17	33.20	0	32.84	0.37	0	0	5.12	0.38	10.23	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	1.95	0.78	1.56	0	0	0	0	0	0	0	0	0
0	0	0	1.17	0	0	0	0	0	0	0.38	0	0
0	0	0	0	0	0.75	0	0	0	1.97	0	1.14	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.75	0	0	0	6.30	0	0	0







0	0	0	0	0	0	0	0	0	0	0.37	0	0
0	0.38	0.76	0	0	0.39	0.39	0.37	0	0	0	0	0
0	0	0	0	0	0.39	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.38	2.27	0.76	0	0	0	0	0	0	0.37	0	0.75
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0.75
0	0.38	0	0.38	0	0	0	0	0	0	0	0.37	0
0	0.38	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0.37	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.38	0	0	0.38	0	0	0	0	0	0.37	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0.37	0
0	0	0	0	0	0	0	0	0	0	6.72	1.12	0
1.14	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.38	0	3.54	5.51	0	0	0	7.09	0.75	1.49
10.98	0.38	0	0	0.38	0.79	1.18	0	0	0	1.12	0	0
0.76	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0.38	1.57	2.36	0	0	0	13.81	0.37	0.37
0	0	0	0	0.38	0	0	0	0	0	1.12	0	0
0.38	0	0	0	0	0	0	0	0	0	0.37	0.75	0
0	0	0	0	0	0	0	0.37	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.79	0	0	0	0	0	0	0.37



17-4	17-5	18-1	19-1	20-1	21-1	21-2	22-1	22-2	23-1	23-2	24-1	24-2
0	0	1.14	0	0	0	0	0	0	0	0	1.52	0
0	2.99	0	0.39	0	0	0	0	0	0	0	0	0.38
0	0	0.38	0	0	0	0	0	0	0	0	0	0.38
0	0	0	0	0	0	0	0	0	0	0	0	0
0.37	0.75	0	10.16	0	0.39	0	0	0	0	0.37	0	0
0	3.73	0.38	0	0	0	0	0	0	0	0	0	0
0	0	1.52	1.95	0	0	0	0	0	0	1.11	0	0
0	0	0.76	0	0	0	0	0	0	0	0	0	0
0	3.73	0	0	0	0	0	0	0	0	0.37	0.38	0.76
0	0	0	0.39	0	0	0	0	0	0	0	0	0
0	0	0.38	0	0	0	0	0	0	0	0	0	0
7.84	0.75	0	0.78	0	0	0.39	0	0	0	0	0	0
0	0.37	0	0	0	0	0	0	0	0	0	0	0
0	13.81	0	0	0	0	0	0	0	0	0	0	0
2.61	0.75	0	3.52	0	0.39	0	0.38	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0	0	0
0	0.37	1.14	1.17	0	0	0	0	0	0	0	0	0
0	0	0	0	0.78	1.95	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.39	0	0	0	0.76	0	0	0	0	0
0.37	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0.38	0	0	0	0	0	0	0	0	4.92	3.03
0	3.36	0.76	0	0	0	0	0	0	0	1.11	15.91	4.17
0	0	0.38	0	0	0	0	0	0	0	0	1.14	0
0	0	0	0	0	0	0	4.92	0	0	0	0	0
0	0	0	4.69	0.78	4.69	1.17	0.38	0	0	0	0	0
0	0	0	0.39	2.73	1.17	1.95	1.14	2.27	0	0	0	0
0	0	0	1.17	0	0	0	0	0	0	0	0	0
0	0	0	1.17	0	2.73	0	0	0	0	0	0	0
0	0	0	0	0.39	0.39	0	0	0	0	0	0	0
0	0	0	1.17	0.39	0	0	0.76	0	0	0	0	0
0.37	0.75	1.14	0.39	0	0	0	0	0	0	0	0.76	0
0	0	0	0	0	0	0	0	0	0	0	0.38	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.39	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
1.12	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1.56	0	0	0	0.38	0	0	0	0	0
0.75	0	5.30	1.17	0	0.78	0.39	1.14	0	0	0	0	0
0	0	0	4.69	1.56	3.91	0.39	0	0.38	0	0	0	0
0	0	0	0	0	0.39	0	0	0	0	0	0.38	0
0	3.73	0.38	0	0	0	0	0	0	0.52	0	0.38	0
0.37	8.58	2.27	33.20	1.95	8.20	0	1.52	0.38	5.67	0.37	5.68	0.76
0	0	0	0	0	0	0	0	0	0	0	0	0
1.12	1.49	0.38	0	0.39	0	0	0	0	0	1.11	0.38	0
8.21	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0.38	1.56	0.39	0	0	0.38	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0	0.38
0	0	0	4.30	1.95	0	1.17	1.14	0.38	0.52	0.37	0	0
1.12	0.37	0	0	0.39	0	1.56	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
2.24	2.99	0	8.98	0	0.39	8.20	0	2.27	1.55	0.74	0	0.38
0	0	0	0	0	0	0.78	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
2.24	0.37	0	0.39	0	0	0	0.38	0	0	0	0	0.38
0	0	0	1.56	0	0.39	0	0	0	0	0	0	0
1.12	0	0.38	3.13	0.39	0	0	0.38	1.14	0	0	0	0
0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0.78	0	0	0.39	0	0.38	0	0	0	0
0	0	0	0	0.78	0	0	0	0	0	0	0	0
0	0	0	0.78	0.39	0.39	0	0	0	0	0	0	0
0	0	0	2.73	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	3.79	0
0.37	1.87	0.76	40.23	0	1.5625	0	0	0	0	0	0	0
0	0	0	0.78	0	0	0	0	0	0	0	0	0
1.49	6.34	0	26.95	5.86	9.38	14.45	3.79	0.76	0.52	0	0	0
1.12	5.22	1.89	21.88	22.66	12.11	16.41	4.92	0.76	10.31	0	0	0.76
0	0	0	0	0	0	0	0	0	0	0	0	0
7.09	0.75	0	3.13	0.78	0	0.39	0	0	0	0	0	0
0.37	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.39	0	0	0	0	0	0	0	0	0
0	0	0	0.78	0	1.95	0	0.76	0.38	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0.38	0
0	0	0	0.78	2.34	1.95	0	0.38	0	0	0	0	0