

Appendix A. Carabid beetles collected in afforested fallow land (see section Materials and Methods for habitat abbreviations). The numbers refer to dominance indices exceeding 5%; “1” is used when a dominance index was lower than 5%, “+” indicates that only a few specimens were found and “-“ indicates no catches. Column C shows species characteristics: hz – hemizoophages, Z – large zoophages, F – forest species, P – Palaearctic and Holarctic species, X – xerophilous species, W – wingless species; column NI – number of individuals

Species	C	D	SS	SR	S	NI
<i>Agonum fuliginosum</i> (Duftschmid, 1812)	F, P, W	-	-	+	+	3
<i>Amara aenea</i> (De Geer, 1774)	hz, P, X	+	+	+	+	77
<i>A. aulica</i> (Panzer 1797)	hz	+	-	-	-	3
<i>A. apricaria</i> (Paykull, 1790)	hz, P	1	1	1	1	327
<i>A. bifrons</i> (Gyllenhal, 1810)	hz, P, X	-	-	+	-	2
<i>A. communis</i> (Panzer, 1797)	hz, P	+	+	+	+	31
<i>A. eurynota</i> (Panzer, 1797)	hz, P	-	-	+	+	2
<i>A. lunicollis</i> Schiodte, 1837	hz, P	+	+	+	+	21
<i>A. majuscula</i> Chaudoir, 1850	hz	+	+	+	+	12
<i>A. plebeja</i> (Gyllenhal, 1810)	hz, P	+	+	+	+	40
<i>A. similata</i> (Gyllenhal, 1810)	hz, P	+	-	-	-	1
<i>A. sprete</i> Dejean, 1831	hz, P, X	-	-	+	-	6
<i>A. tibialis</i> (Paykull, 1798)	hz, P, X	+	+	+	+	67
<i>Anisodactylus binotatus</i> (Fabricius, 1792)	hz, P	-	+	+	+	3
<i>Bembidion lampros</i> (Herbst, 1784)	P	+	+	+	+	38
<i>B. properans</i> (Stephens, 1828)	P	-	+	+	+	22
<i>B. quadrimaculatum</i> (Linnaeus, 1761)	P	-	-	-	+	1
<i>Bradycellus harpalinus</i> (Serville, 1821)	hz, X	+	+	+	-	3
<i>Brosicus cephalotes</i> (Linnaeus, 1758)	Z, X	-	+	-	-	1
<i>Carabus auratus</i> Linnaeus, 1761	Z, X, W	-	-	+	-	66
<i>Carabus arvensis</i> Herbst, 1784	Z, F, X, W	+	+	+	+	1
<i>C. cancellatus</i> Illiger, 1798	Z, W	17	10.0	20.6	13.8	2009
<i>C. convexus</i> Fabricius, 1775	Z, F, X, W	-	1	+	+	58
<i>C. granulatus</i> Linnaeus, 1758	Z	+	+	+	+	35
<i>C. hortensis</i> Linnaeus, 1758	Z, F, W	+	-	-	+	3
<i>C. nemoralis</i> O.F.Müller, 1764	Z, F, W	+	-	+	+	10
<i>C. nitens</i> Linnaeus, 1758	Z, F, W	+	+	-	+	9
<i>C. violaceus</i> Linnaeus, 1758	Z, F, W	1	1	+	1	149
<i>Calathus ambiguus</i> (Paykull, 1790)	P, X	+	+	+	+	10
<i>C. erratus</i> (C.R.Sahlberg, 1827)	P, X	1	1	5.6	1	392
<i>C. fuscipes</i> (Goeze, 1777)	P, W	6.7	1	6.4	1	640
<i>C. melanocephalus</i> (Linnaeus, 1758)	P	+	1	1	1	221
<i>C. micropterus</i> (Duftschmid, 1812)	F, W	+	+	+	+	27
<i>Clivina fossor</i> (Herbst, 1784)		1	+	+	+	70
<i>Cychrus caraboides</i> (Linnaeus, 1758)	Z, F, W	+	+	+	+	19
<i>Cymindis macularis</i> Mannerheim, 1824	X	-	-	+	-	1
<i>C. vaporariorum</i> (Linnaeus, 1758)	X	-	-	+	-	2
<i>Dolichus halensis</i> (Schaller, 1783)	Z, P, X	+	-	+	+	14
<i>Harpalus affinis</i> (Schrank, 1781)	hz, P, X	1	1	+	1	171
<i>H. anxius</i> (Duftschmid, 1812)	hz, P, X	+	+	+	+	23
<i>H. fuliginosus</i> (Panzer, 1809)	hz, P, X	+	+	+	+	9

<i>H.latus</i> (Linnaeus, 1758)	hz	+	+	1	1	134
<i>H.picipennis</i> (Duftschmid, 1812)	hz, X	+	+	+	+	55
<i>H.progrediens</i> Schauburger, 1922	hz	-	+	-	-	1
<i>H.rubripes</i> (Duftschmid, 1812)	hz, P, X	+	+	1	1	126
<i>H.quadripunctatus</i> Dejean, 1829	hz, P	+	+	+	+	14
<i>H.rufipalpis</i> Sturm, 1818	hz, P, X	+	1	1	4.1	283
<i>H.signaticornis</i> (Duftschmid, 1812)	hz, P, X	+	-	+	+	2
<i>H.smaragdinus</i> (Duftschmid, 1812)	hz, P, X	1	1	1	1	269
<i>H.tardus</i> (Panzer, 1797)	hz, P, X	10.5	8.7	16.8	15.4	1735
<i>H.tenebrosus</i> (Schauburger, 1929)	hz, P, X	+	+	+	+	14
<i>Leistus ferrugineus</i> (Linnaeus, 1758)	F, W	+	+	-	-	2
<i>Masoreus wetterhalli</i> (Linnaeus, 1767)	P, X	-	+	+	-	7
<i>Notiophilus aquaticus</i> (Linnaeus, 1758)		+	+	+	+	15
<i>N.biguttatus</i> (Fabricius, 1799)	F	+	-	-	-	1
<i>N.germinyi</i> Fauvel in Grenier, 1863	X	-	+	-	-	1
<i>Panagaeus bipustulatus</i> (Fabricius, 1775)	P, X	-	+	-	+	2
<i>Pseudoophonus.rufipes</i> (De Geer, 1774)	hz, P	15.3	19.2	10.2	22.4	2197
<i>P.griseus</i> (Panzer, 1797)	hz, P, X	+	+	+	+	44
<i>Poecilus cupreus</i> (Linnaeus, 1758)		+	+	+	+	17
<i>P.lepidus</i> (Leske, 1785)	X, W	17.8	14.4	12.9	13.5	1858
<i>P.versicolor</i> (Sturm, 1824)		1	1	1	5.6	559
<i>Pterostichus melanarius</i> (Illiger, 1798)	Z	+	+	+	+	34
<i>P.niger</i> (Schaller, 1783)	Z, F, W	7.4	9.0	1	5.1	725
<i>P.oblongopunctatus</i> (Fabricius, 1787)	F	+	+	+	+	16
<i>Syntomus foveatus</i> (Geoffroy in Fourcroy, 1785)	X	+	1	+	+	103
<i>Synuchus vivalis</i> (Illiger, 1798)	P	+	+	+	+	49