

Appendix

Figure A1. Estimations of carabid species richness according to Chao estimators (with 95% confidence intervals) in sludge deposits (upper line) and reclaimed area (bottom line).

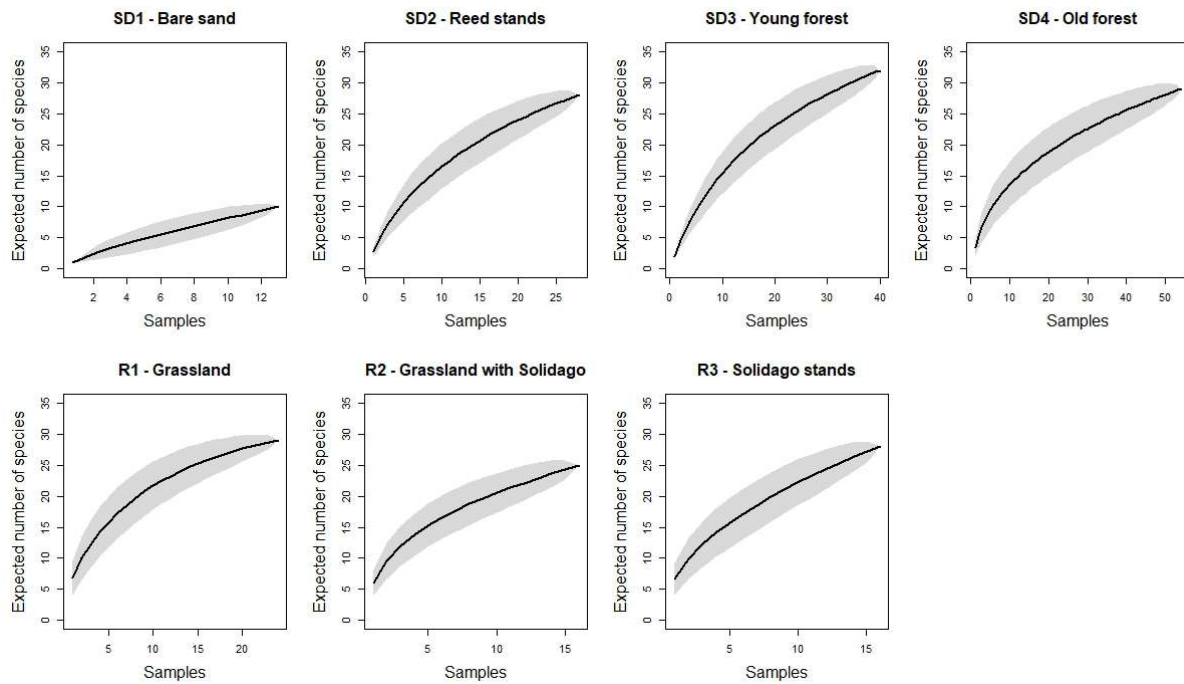


Table A1. A list of recorded carabids and their occurrence in studied plots.

Species	SD1	SD2	SD3	SD4	R1	R2	R3
<i>Abax parallelepipedus</i> (Piller & Mitterpacher, 1783)		*	*	*		*	*
<i>Abax parallelus</i> (Duftschmid, 1812)			*	*			*
<i>Agonum viduum</i> (Panzer, 1797)		*	*	*	*	*	*
<i>Amara aenea</i> (De Geer, 1774)			*	*	*	*	*
<i>Amara familiaris</i> (Duftschmid, 1812)				*			
<i>Amara fulva</i> (O. F. Müller, 1776)			*				*
<i>Amara gebleri</i> Dejean, 1831			*				
<i>Amara ovata</i> (Fabricius, 1792)	*		*			*	
<i>Amara similata</i> (Gyllenhal, 1810)			*				
<i>Anchomenus dorsalis</i> (Pontoppidan, 1763)				*			*
<i>Anisodactylus binotatus</i> (Fabricius, 1787)			*	*	*	*	*
<i>Badister lacertosus</i> Sturm, 1815		*		*			*
<i>Bembidion biguttatum</i> (Fabricius, 1779)				*	*		
<i>Bembidion lampros</i> (Herbst, 1784)	*	*	*	*	*	*	*
<i>Bembidion quadrimaculatum</i> (Linnaeus, 1761)		*					
<i>Bembidion varium</i> (Olivier, 1795)		*					
<i>Brachinus crepitans</i> (Linnaeus, 1758)		*				*	*
<i>Brosicus cephalotes</i> (Linnaeus, 1758)			*				
<i>Calathus erratus</i> (C. R. Sahlberg, 1827)		*	*	*			
<i>Calathus fuscipes</i> (Goeze, 1777)	*	*	*	*	*		
<i>Calathus melanocephalus</i> (Linnaeus, 1758)			*				
<i>Carabus coriaceus</i> Linnaeus, 1758			*	*	*	*	*
<i>Carabus granulatus</i> Linnaeus, 1758					*	*	*
<i>Carabus scheidleri</i> Panzer, 1799		*	*	*	*	*	*
<i>Carabus ullrichii</i> Germar, 1824				*	*	*	*
<i>Carabus violaceus</i> Linnaeus, 1758		*	*	*	*	*	*
<i>Chlaenius nigricornis</i> Fabricius, 1787		*		*			
<i>Cicindela hybrida</i> Linnaeus, 1758	*		*				
<i>Clivina fossor</i> (Linnaeus, 1758)		*					*
<i>Cylindera arenaria</i> (Füssli, 1775)	*		*				
<i>Cylindera germanica</i> (Linnaeus, 1758)			*		*		
<i>Drypta dentata</i> (Rossi, 1790)				*			
<i>Europhilus micans</i> (Nicolai, 1822)		*					
<i>Harpalus affinis</i> (Schränk, 1781)	*		*		*		*
<i>Harpalus distinguendus</i> (Duftschmid, 1812)						*	
<i>Harpalus flavescens</i> (Piller & Mitterpacher, 1783)	*						
<i>Harpalus luteicornis</i> (Duftschmid, 1812)						*	*
<i>Leistus ferrugineus</i> (Linnaeus, 1758)		*	*	*	*	*	*
<i>Leistus terminatus</i> (Hellwig in Panzer, 1793)		*					
<i>Loricera pilicornis</i> (Fabricius, 1775)						*	
<i>Nebria brevicollis</i> (Fabricius, 1792)		*	*	*		*	*

<i>Notiophilus biguttatus</i> (Fabricius, 1779)				*		
<i>Notiophilus palustris</i> (Duftschmid, 1812)	*	*	*		*	
<i>Oodes helopioides</i> (Fabricius, 1792)	*				*	
<i>Ophonus azureus</i> (Fabricius, 1775)						*
<i>Ophonus melletii</i> (Heer, 1837)					*	
<i>Oxypselaphus obscurus</i> (Herbst, 1784)	*	*		*		*
<i>Panagaeus cruxmajor</i> (Linnaeus, 1758)			*		*	*
<i>Poecilus cupreus</i> (Linnaeus, 1758)	*	*	*	*	*	*
<i>Pseudoophonus griseus</i> (Panzer, 1797)	*		*	*	*	*
<i>Pseudoophonus rufipes</i> (De Geer, 1774)	*	*	*	*	*	*
<i>Pterostichus diligens</i> (Sturm, 1824)						*
<i>Pterostichus gracilis</i> (Dejean, 1828)	*					
<i>Pterostichus macer</i> (Marsham, 1802)					*	*
<i>Pterostichus melanarius</i> (Illiger, 1798)	*	*	*	*	*	*
<i>Pterostichus niger</i> (Schaller, 1783)	*			*		*
<i>Pterostichus nigrata</i> (Paykull, 1790)				*	*	
<i>Pterostichus oblongopunctatus</i> (Fabricius, 1787)	*	*	*			
<i>Pterostichus ovoideus</i> (Sturm, 1824)	*					
<i>Pterostichus strenuus</i> (Panzer, 1797)	*					*
<i>Stomis pumicatus</i> (Panzer, 1796)	*					
<i>Syntomus truncatellus</i> (Linnaeus, 1761)	*		*	*		
<i>Trechus quadristriatus</i> (Schränk, 1781)	*	*		*	*	
<i>Trichocellus placidus</i> (Gyllenhal, 1827)					*	
