Table S3. Individual-based rarefaction method for Ground invertebrates and Carabids Shannon diversity. For each grid are listed: the total abundance, the Shannon diversity index, the average Shannon diversity estimated through the simulation, the variance and 95% confidence intervals (CI) of estimated Average Shannon diversity index. In bold are highlighted the grids where Shannon diversity index fell outside the confidence intervals of estimated average Shannon diversity.

	Total abundance	Shannon diversity	Average Shannon diversity simulation	Variance Shannon diversity simulation	95% CI
Ground invertebrates					
A1	1409	2.811	2.802	0.0004	2.761 - 2.843
A2	1128	2.301	2.298	0.0003	2.266 - 2.327
B1	1006	2.717	2.717	0.00002	2.707 - 2.725
B2	1166	2.546	2.541	0.0003	2.507 - 2.574
C1	992	2.967	2.967	0	2.967
C2	1792	2.358	2.345	0.0011	2.280 - 2.408
D1	1841	1.925	1.914	0.0012	1.846 - 1.980
D2	1197	2.069	2.066	0.0004	2.027 - 2.101
Carabids					
A1	**33**	**1.629**	**1.144**	**0.0619**	**0.500 - 1.609**
A2	32	1.277	0.840	0.1085	0.000 - 1.332
B1	46	1.313	0.893	0.0861	0.500 - 1.332
B2	**33**	**1.452**	**0.990**	**0.0823**	**0.500 - 1.332**
C1	**32**	**2.122**	**1.293**	**0.0643**	**0.673 - 1.609**
C2	**16**	**1.906**	**1.310**	**0.0538**	**0.950 - 1.609**
D1	5	0.950	0.950	0	0.950
D2	7	1.004	0.913	0.0258	0.343 - 1.055