

Appendix 1

- B – size-binned total faunal biomass
- FLUX – dimensionless flux f_{ij} between trophic levels i and j
- M – dry body mass (in μg weight)
- MNINT – intercept of the mass-abundance linear regression in a (M,N) -web
- MNSL – slope of the mass-abundance linear regression in a (M,N) -web
- N – numerical abundance in the topsoil (per square meter)
- OTU – operational taxonomic unit (here: mostly genera) used a “node” in a (M,N) -web
- PP – faunal prey : predator body-mass ratio (no detritivory, no bacterial consumption)
- SSINT – intercept of a linear regression fitted across the size-binned biomass spectrum
- SSSL – slope of a linear regression fitted across the size-binned biomass spectrum

Table S1. Scaling, topology and fluxes in the investigated webs. Arithmetical (AriRatio) and log₁₀-transformed (LogRatio) averages of the prey : predator body-mass ratios are given as well. All faunal body-mass values (\overline{M} in μg dry weight) were log₁₀-transformed prior to analysis. See the front page for the allometric abbreviations.

	MNSL	MNINT	SSSL	SSINT	OTUs	FLUX	AritRatio	LogRatio	Skewness	LINKS
FARMS										
Conventional										
Minimum	-0.64	3.47	0.26	3.90	36	13.16	7.67	0.88	0.38	261
Average	-0.56	3.67	0.37	4.21	45	14.02	19.65	1.23	0.59	660
Maximum	-0.46	3.88	0.45	4.53	53	14.58	60.58	1.78	0.93	1056
Standard Dev	0.05	0.11	0.06	0.17	5	0.42	13.18	0.24	0.14	230
Semi-intensive										
Minimum	-0.63	3.35	0.25	3.81	30	11.81	6.97	0.84	0.32	220
Average	-0.54	3.62	0.38	4.16	46	13.87	21.49	1.29	0.50	784
Maximum	-0.37	3.79	0.52	4.43	71	14.35	47.05	1.67	0.77	1843
Standard Dev	0.06	0.13	0.06	0.15	8	0.59	10.06	0.21	0.11	292
Intensive										
Minimum	-0.59	2.82	0.29	3.62	53	13.63	9.05	0.96	0.16	947
Average	-0.48	3.32	0.41	4.10	62	13.93	16.18	1.19	0.39	1311
Maximum	-0.12	3.65	0.69	4.31	78	14.44	27.71	1.44	0.63	2264
Standard Dev	0.11	0.16	0.09	0.16	7	0.24	4.84	0.13	0.11	366
Organic										
Minimum	-0.65	3.54	0.24	4.01	42	13.68	5.70	0.76	0.37	538
Average	-0.55	3.67	0.37	4.21	50	14.15	13.74	1.08	0.56	793
Maximum	-0.48	3.81	0.46	4.29	56	14.67	31.67	1.50	0.76	1041
Standard Dev	0.06	0.08	0.06	0.09	4	0.34	7.99	0.24	0.11	157
Pastures										
Minimum	-0.79	3.18	0.07	3.75	43	12.74	5.36	0.73	0.23	443
Average	-0.55	3.41	0.37	4.18	58	13.83	16.70	1.16	0.39	1140
Maximum	-0.43	3.59	0.53	4.34	82	14.56	40.53	1.61	0.56	2572
Standard Dev	0.12	0.13	0.12	0.17	11	0.45	9.91	0.25	0.09	574
FIELDS										
Multicropping										
Minimum	-0.84	2.97	0.02	3.56	33	12.74	16.77	1.22	0.21	293
Average	-0.63	3.21	0.26	3.83	44	13.68	29.70	1.46	0.42	498
Maximum	-0.47	3.45	0.49	4.11	54	14.36	51.15	1.71	0.74	962
Standard Dev	0.10	0.12	0.11	0.16	6	0.44	8.37	0.12	0.12	207
Intercropping										
Minimum	-0.85	3.07	0.29	3.71	46	12.99	13.82	1.14	0.30	405
Average	-0.56	3.26	0.40	3.98	55	13.70	53.55	1.63	0.59	864
Maximum	-0.40	3.46	0.64	4.20	65	14.36	188.54	2.28	0.90	1403
Standard Dev	0.11	0.11	0.10	0.14	6	0.37	44.45	0.30	0.20	266
NATURE										
Meadows										
Minimum	-0.70	4.03	0.19	4.56	52	13.05	6.71	0.83	0.37	488
Average	-0.61	4.10	0.28	4.74	58	13.30	14.48	1.12	0.55	832
Maximum	-0.54	4.22	0.36	4.86	66	13.79	26.43	1.42	0.81	1094
Standard Dev	0.04	0.06	0.04	0.10	5	0.22	6.50	0.20	0.18	183
Pine forests										
Minimum	-0.68	2.73	0.41	3.60	62	11.55	4.39	0.64	0.00	1030
Average	-0.30	3.00	0.63	3.89	77	12.20	6.96	0.82	0.15	1725
Maximum	-0.08	3.26	0.92	4.41	96	13.34	15.45	1.19	0.28	2744
Standard Dev	0.15	0.12	0.13	0.19	9	0.44	2.59	0.13	0.09	459

Table S2. Distribution of the faunal prey : predator (PP) body-mass ratios. No significant difference occurs between the PP ratios in the nine ecosystem types. From left to right: minimal PP ratio, 5th percentile PP ratio, 25th percentile (1st quartile), median, average, 75th percentile (3rd quartile), 95th percentile, and maximal PP ratio.

	MIN	5%PP	25%PP	MEDIAN	AVERAGE	75%PP	95%PP	MAX
FARMS								
Conventional								
Minimum	-2.587	-2.139	-1.550	-0.878	0.885	0.087	1.576	2.506
Average	-2.345	-1.841	-1.188	-0.544	1.226	0.460	1.702	3.218
Maximum	-1.852	-1.390	-0.863	-0.247	1.782	0.657	2.116	4.173
Standard Dev	0.278	0.236	0.186	0.157	0.235	0.130	0.132	0.470
Semi-intensive								
Minimum	-2.711	-2.307	-1.357	-0.697	0.843	0.302	1.518	2.506
Average	-2.414	-1.855	-1.135	-0.446	1.287	0.553	1.765	3.355
Maximum	-1.852	-1.446	-0.884	-0.247	1.673	0.782	2.180	3.883
Standard Dev	0.259	0.225	0.138	0.137	0.208	0.134	0.189	0.308
Intensive								
Minimum	-2.650	-2.071	-1.307	-0.472	0.957	0.386	1.506	2.506
Average	-2.448	-1.787	-1.035	-0.305	1.191	0.564	1.706	3.313
Maximum	-2.044	-1.547	-0.839	-0.098	1.443	0.769	1.939	4.045
Standard Dev	0.168	0.134	0.118	0.093	0.131	0.107	0.126	0.302
Organic								
Minimum	-2.711	-2.139	-1.473	-0.837	0.756	0.023	1.465	2.502
Average	-2.519	-1.916	-1.210	-0.605	1.077	0.345	1.660	3.033
Maximum	-2.044	-1.616	-0.970	-0.446	1.501	0.613	2.018	3.598
Standard Dev	0.184	0.181	0.153	0.155	0.241	0.195	0.170	0.428
Pastures								
Minimum	-2.711	-2.030	-1.156	-0.473	0.729	0.227	1.257	2.506
Average	-2.377	-1.723	-0.974	-0.289	1.157	0.571	1.701	3.202
Maximum	-2.044	-1.365	-0.697	0.000	1.608	0.925	2.050	4.045
Standard Dev	0.215	0.171	0.161	0.154	0.249	0.169	0.222	0.429
FIELDS								
Multicropping								
Minimum	-2.576	-1.944	-1.262	-0.353	1.225	0.584	1.718	3.042
Average	-2.084	-1.564	-0.864	-0.098	1.457	0.832	2.032	3.331
Maximum	-1.549	-0.956	-0.357	0.237	1.709	1.535	2.398	3.546
Standard Dev	0.279	0.247	0.205	0.144	0.121	0.195	0.152	0.108
Intercropping								
Minimum	-2.576	-1.964	-1.304	-0.656	1.141	0.365	1.658	3.151
Average	-2.247	-1.603	-0.909	-0.232	1.627	0.705	2.069	3.791
Maximum	-1.852	-1.250	-0.613	0.000	2.275	0.972	2.651	4.428
Standard Dev	0.235	0.202	0.177	0.188	0.298	0.194	0.227	0.408
NATURE								
Meadows								
Minimum	-2.711	-1.923	-1.190	-0.552	0.827	0.212	1.319	2.703
Average	-2.353	-1.628	-0.943	-0.332	1.120	0.419	1.656	3.022
Maximum	-2.045	-1.430	-0.676	-0.024	1.422	0.755	1.862	3.691
Standard Dev	0.260	0.142	0.142	0.148	0.201	0.166	0.185	0.317
Pine forests								
Minimum	-2.934	-1.779	-1.005	-0.294	0.643	0.392	1.280	2.094
Average	-2.476	-1.642	-0.877	-0.160	0.821	0.506	1.419	2.828
Maximum	-2.108	-1.472	-0.627	0.069	1.189	0.778	1.722	3.365
Standard Dev	0.268	0.090	0.100	0.090	0.133	0.095	0.106	0.321