

Table S1. Pooled data of edge and interior community samples from three weekly collection periods in October of 2016 at Fairview High School in Boulder, Colorado. Data for each arthropod family (or group) include total number of individuals collected from each family and the contribution of each family to the Simpson's and Shannon's Diversity Indices for the community sample.

Family (or more generalized group)	2016					
	Edge			Interior		
	Total	Simpson's p_i^2	Shannon's $p_i(\ln p_i)$	Total	Simpson's p_i^2	Shannon's $p_i(\ln p_i)$
Acrididae (grasshoppers)	4	0.0014	0.1237	1	0.0001	0.0379
Apidae (honeybees and bumblebees)	0	0.0000	0.0000	11	0.0074	0.2109
Armadillidae (woodlice)	1	0.0001	0.0440	2	0.0002	0.0650
Carabidae (ground beetles)	5	0.0022	0.1441	5	0.0015	0.1267
Chironomidae (nonbiting midges)	1	0.0001	0.0440	14	0.0120	0.2420
Chrysididae (cuckoo wasps)	0	0.0000	0.0000	0	0.0000	0.0000
Cicadellidae (leafhoppers)	0	0.0000	0.0000	3	0.0005	0.0880
Dolichopodidae (long-legged flies)	0	0.0000	0.0000	0	0.0000	0.0000
Forficulidae (common earwig)	1	0.0001	0.0440	1	0.0001	0.0379
Formicidae (ants)	7	0.0044	0.1795	2	0.0002	0.0650
Gryllidae (true crickets)	5	0.0022	0.1441	8	0.0039	0.1733
Halictidae (sweat bees)	0	0.0000	0.0000	0	0.0000	0.0000
Histeridae (clown beetles)	0	0.0000	0.0000	0	0.0000	0.0000
Julidae (millipedes)	6	0.0032	0.1625	18	0.0198	0.2759
Lepidoptera (butterflies and moths)	0	0.0000	0.0000	3	0.0005	0.0880
Mantidae (praying mantises)	1	0.0001	0.0440	2	0.0002	0.0650
Araneae (spiders)	21	0.0392	0.3207	8	0.0039	0.1733
Muscidae (house flies)	8	0.0057	0.1950	16	0.0156	0.2599
Phalangidae (harvestmen)	41	0.1496	0.3674	28	0.0479	0.3325
Rhopalidae (scentless plant bugs)	0	0.0000	0.0000	0	0.0000	0.0000
Scutigera/Plutoniumidae (centipedes)	3	0.0008	0.1009	4	0.0010	0.1083
Sphecidae (thread-waisted wasps)	0	0.0000	0.0000	0	0.0000	0.0000
Vespidae (vespid wasps)	2	0.0004	0.0749	2	0.0002	0.0650