

Supplemental Tables

Supplemental Table 1. Higher taxonomic classification with delimited morphospecies for all dietary items found in salamander stomachs. The number represents the total quantity of the particular morphospecies found across all salamander stomachs.

Taxonomic category	Morphospecies	Number
Acari	A1	60
Acari	A2	307
Acari	A3	133
Acari	A4	39
Acari	A5	27
Araneae	AR1	53
Araneae	AR2	1
Araneae	AR3	1
Chilopoda	CH1	9
Chilopoda	CH2	4
Coleoptera	C1	52
Coleoptera	C2	5
Coleoptera	C3	58
Coleoptera	C4	42
Coleoptera	C5	1
Coleoptera	C6	29
Coleoptera	C7	32
Coleoptera	C8	10
Coleoptera	C9	4
Coleoptera	C10	1
Coleoptera	C11	5
Collembola	CB1	281
Collembola	CB1	150
Dermaptera	DM1	1
Diplopoda	DL1	34
Diptera	D1	38
Diptera	D2	4
Diptera	D3	3
Diptera	D4	2
Diptera	D5	42
Diptera	D6	20
Diptera	D7	23
Diptera	D8	9
Formicidae	F1	253
Formicidae	F2	108
Formicidae	F3	124
Gastropoda	G1	28

Gastropoda	G2	2
Gastropoda	G3	4
Hemiptera	HP1	1
Hemiptera	HP2	1
Hymenoptera	H1	18
Isopoda	I1	92
Lepidoptera	L1	41
Oligochaeta	OG1	38
Opiliones	O1	14
Orthoptera	OR1	3
Pseudoscorpiones	P1	27
Psocodea	P1	11
Thysanoptera	T1	6
Unidentifiable	U1	63
Total		2314

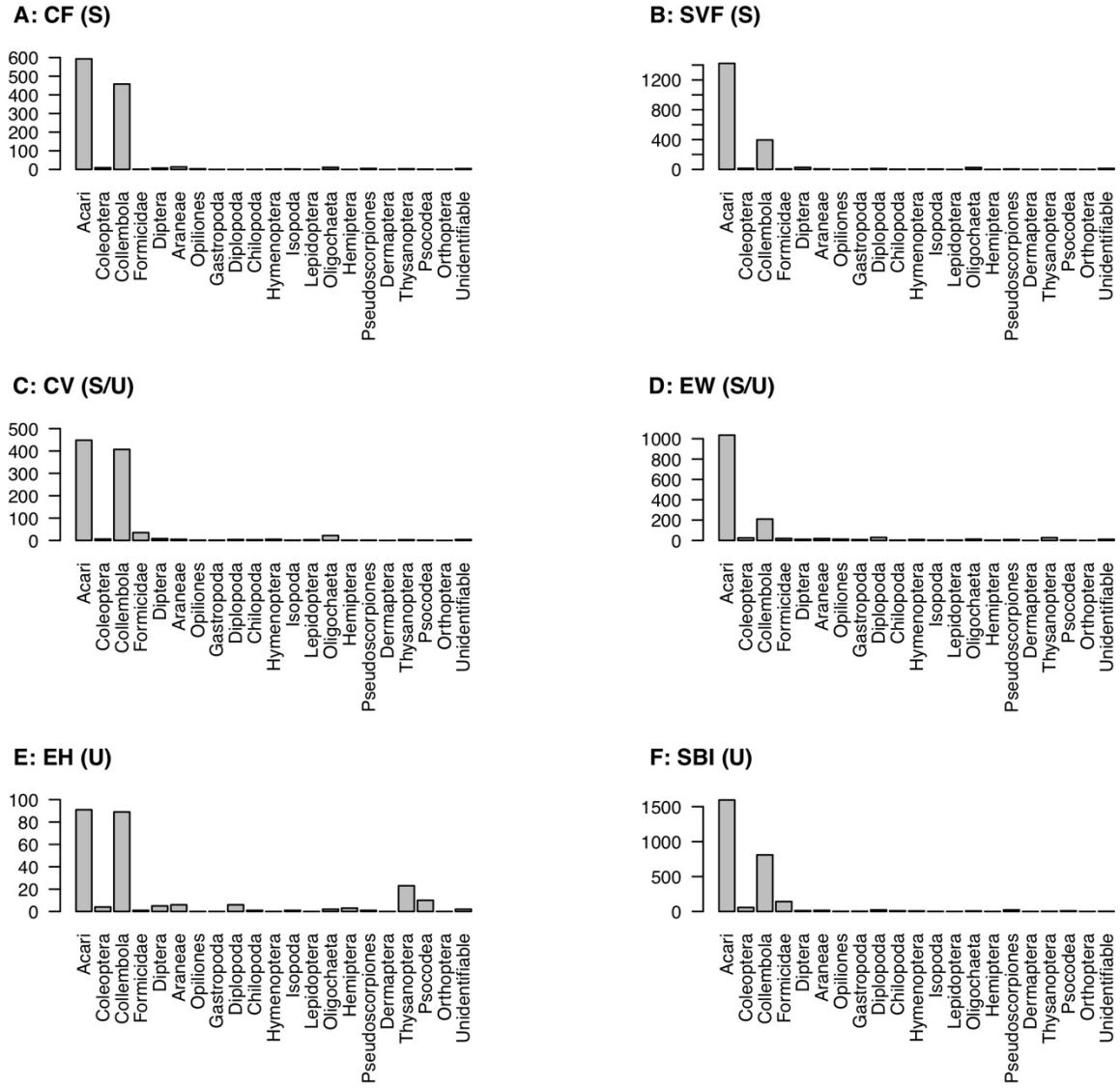
Supplemental Table 2. Pairwise comparisons of adjusted p-values for population differentiation in dietary composition in the spring (below the diagonal) and fall (above the diagonal). Chapin Forest (CF; S), Squire Valleevue Farm (SVF; S), Manatoc Scout Reservation near Cuyahoga Valley (CV; S/U), Edison Woods (EW; S/U), East Harbor State Park (EH; U), and South Bass Island (SBI; U). Significant results are in bold.

	CF (S)	SVF (S)	CV (S/U)	EW (S/U)	EH (U)	SBI (U)
CF (S)	–	0.225	0.015	0.015	0.030	0.015
SVF (S)	0.210	–	1.000	0.765	1.000	0.015
CV (S/U)	0.030	0.090	–	0.015	0.120	0.015
EW (S/U)	0.030	0.030	0.120	–	1.000	0.015
EH (U)	0.015	0.015	0.030	1.000	–	1.000
SBI (U)	0.015	0.015	0.015	1.000	1.000	–

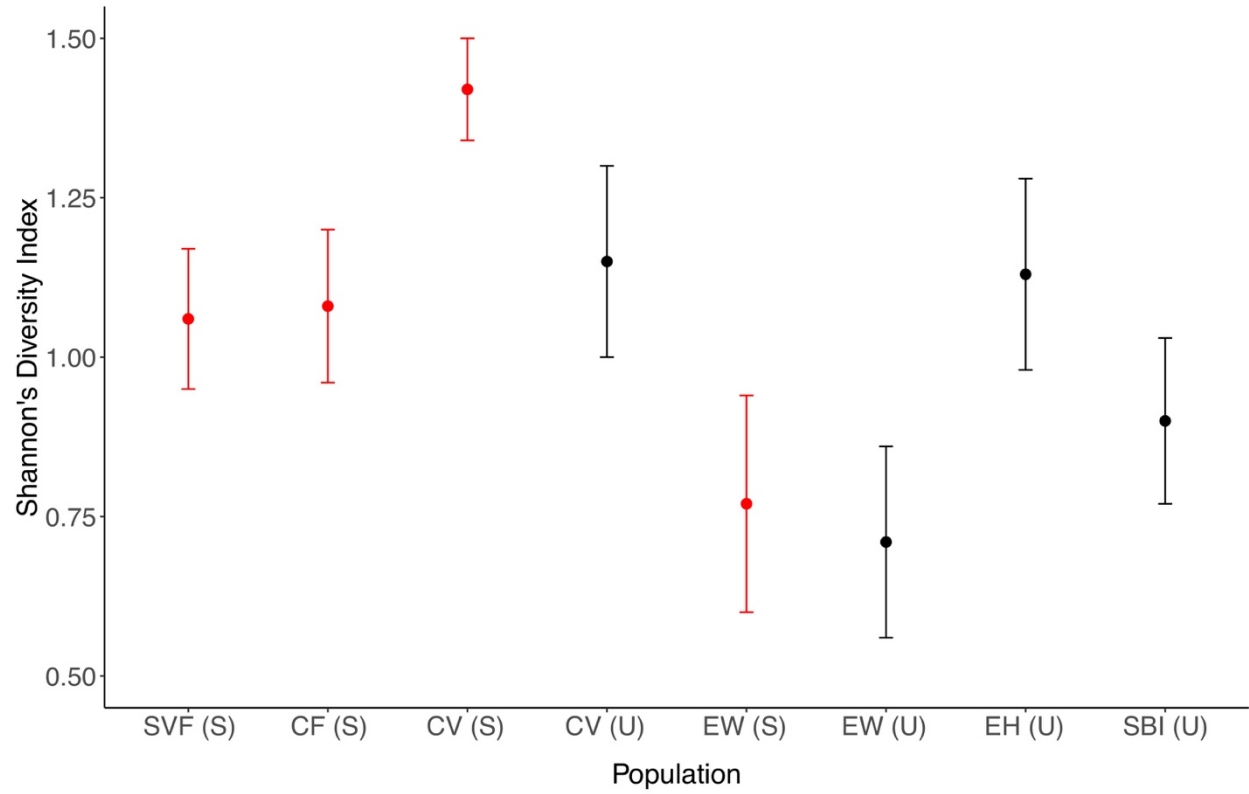
Supplemental Table 3. Results of PERMDISP to test for differences in salamander versus leaf litter invertebrate breadth. Significant results ($P < 0.05$) are in bold.

Site	Season	<i>df</i>	<i>F</i>	<i>P</i>
SVF (S)	Spring	1,16	0.1	0.872
CV (S/U)	Spring	2,30	1.1	0.340
CF (S)	Spring	1,16	2.8	0.114
EW (S/U)	Spring	2,30	5.6	0.009
SBI (U)	Spring	1,16	5.0	0.040
EH (U)	Spring	1,16	4.1	0.060
SVF (S)	Fall	1,16	1.5	0.235
CV (S/U)	Fall	2,30	2.2	0.128
CF (S)	Fall	1,16	1.3	0.267
EW (S/U)	Fall	2,30	1.2	0.327
SBI (U)	Fall	1,16	2.1	0.169
EH (U)	Fall	1,16	1.4	0.262

Supplemental Figures



Supplemental Figure 1. Total number of leaf litter invertebrates summed across seasons from each site. Striped sites include Chapin Forest (CF; S) and Squire Valleevue Farm (SVF; S). Polymorphic sites include Manatoc Scout Reservation near Cuyahoga Valley (CV; S/U) and Edison Woods (EW; S/U). Unstriped sites include East Harbor State Park (EH; U) and South Bass Island (SBI; U).



Supplemental Figure 2. Mean dietary niche breadth for each morph and population for the spring season, measured by the Shannon diversity index. Red represents striped morphs (S), black represents unstriped morphs (U). Error bars denote standard error of the mean.