

soybean	Question	Distance( m)	WSHED_ ACRE	ELEV_FT	ASPECT	total#collected	EPT taxa	Richness	#multi-year	%shredders	%grazers	%collectors	%processors
	c1.1	0	145.464	1516.414	SW	0	0	0	0	0	0	0	0
	c1.2	50	164.763	1509.139	W	4	2	2	0	0.25	0	0.75	
	c1.3	150	170.828	1494.390	N	4	2	2	0	0.25	0	0.75	
	c1.4	650	202.192	1467.595	N	37	4	7	0	0.081081	0	0.864864	0.0
	c3.1	0	29.560	1757.348	SW	47	8	10	0	0.446808	0.085106	0.382978	0.0
	c3.2	50	31.042	1748.775	S	26	8	11	0	0.384615	0	0.576923	0.0
	c3.3	150	49.884	1731.036	SE	35	8	10	0	0.742857	0.028571	0.142857	0.0
	c3.4	350	75.428	1631.108	SW	44	10	13	2	0.181818	0.159090	0.522727	0.1
	c3.5	550	103.721	1485.600	SW	54	15	18	4	0.277777	0.314814	0.314814	0.0
	c3.6	750	161.883	1365.895	SW	45	12	14	2	0.466666	0.155555	0.266666	0.1
	c3.7	950	181.268	1300.483	SW	62	17	19	4	0.258064	0.322580	0.241935	0.1
	c3.8	1150				31	4	10	3	0.387096	0.032258	0.419354	0.1
	c4.1	0	37.492	1505.730	S	8	4	5	0	0.8	0.1	0.8	
	c4.2	50	44.806	1476.232	S	32	9	10	1	0.5	0.25	0.25	0.
	c4.3	150	57.748	1428.591	SW	35	9	12	1	0.09375	0.1875	0.4375	0.
	c4.4	350	93.980	1342.113	S	66	13	15	3	0.171428	0.171428	0.457142	
	c4.5	750	137.557	1231.937	S	66	12	15	2	0.181818	0.212121	0.484848	0.1
	c5.1	0	81.334	1310.071	W	34	5	5	0	0.212121	0.121212	0.590909	0.0
	c5.2	50	90.848	1274.258	W	69	12	15	0	0.794117	0.058823	0.117647	0.0
	c5.3	150	103.889	1195.787	W	77	10	12	0	0.434782	0.347826	0.347826	0.1
	c5.4	350	119.388	1111.031	SW	123	16	21	0	0.6	0.115942	0.1	
	???	668	66.959	1076.366	W	66	7	10	0	0.363636	0.142857	0.376623	0.1
	c7.1	0	6.341	1755.906	W	11	3	4	0	0.089430	0.162601	0.626016	0.1
	c7.2	50	9.828	1700.936	W	15	4	5	0	0.9	0.6	0.3	
	c7.3	150	38.239	1611.476	NW	13	7	9	2	0.530303	0	0.424242	0.0
	c7.4	350	53.467	1481.904	NW	8	5	5	0	0.727272	0.090909	0.090909	0.1

c7.5	550	76.145	1361.727 N	19	6	6	0	0.157894	0.789473	0.0
							7	7	0	7
c7.6	950	111.326	1184.483 SW	19	8	9	1	0.210526	0.210526	0.473684
							3	3	3	2
c7.7	1048	147.292	1157.979 N	42	9	11	0	0.333333	0.619047	0.0
							3	0.047619	6	6
c8.1	0	19.268	1745.546 NE	12	2	4	0	0.75	0	0.083333
							3	3	3	3
c8.2	50	20.874	1730.537 N	17	6	8	1	0.705882	0.117647	0.058823
c8.3	150	29.448	1693.492 NE	5	3	4	0	0.75	0	0.25
							4	0.565217	0.043478	0.391304
c8.4	0	31.073	1728.551 W	23	4	6	0	4	3	3
							3	0.384615	0.153846	0.423076
c8.5	50	46.412	1715.021 SW	26	5	8	0	4	2	9
							9	0.771428	0.085714	0.057142
c8.6	150	50.403	1677.019 S	35	7	11	1	6	3	9
							9	0.184615	0.276923	0.353846
c8.7	350	137.568	1631.119 N	65	16	19	3	4	1	2
c8.8	550	154.173	1563.250 NW	25	8	11	1	0.4	0.04	0.28
							11	0.130434	0.217391	0.413043
c8.9	950	233.592	1417.065 N	46	12	14	4	8	3	5
							5	0.075949	0.253164	0.518987
c8.10	1350	282.401	1316.063 W	79	17	19	4	4	6	3
							3	0.059405	0.108910	0.742574
c8.11	1750	318.935	1157.906 N	101	15	18	5	9	9	3
							3	0.478260	0.391304	0.1
c9.1	0	24.717	1667.727 NW	23	8	11	1	9	0	3
							11	0.222222	0.055555	0.611111
c9.2	50	28.022	1634.302 NW	36	9	13	1	2	6	1
							13	0.354166	0.1	0.1
c9.3	150	35.651	1556.788 N	48	12	13	0	0.0625	0.4375	7
							13	0.089743	0.307692	0.448717
c9.4	350	61.893	1419.149 N	78	13	19	3	6	3	9
c9.5	550	121.081	1317.567 NW	64	14	16	2	0.125	0.0625	0.703125
							16	0.055172	0.765517	0.1
c9.6	950	157.819	1194.627 N	145	13	14	0	4	0.062069	2
							14	0.333333	0.333333	0.3
f1.1	0	1711.025	NW	3	1	3	0	3	0	3
f1.2	50	1691.888	NW	2	1	2	0	0.5	0	0
f1.3	150	1653.893	NW	1	1	1	0	0	1	0
							1	0.416666	0.5	0.0
f1.4	350	1591.402	NW	12	4	5	0	7	0.5	0
							5	0.866666	0.133333	0.0
f1.5	550	1505.051	W	15	4	4	0	7	3	0
f1.6	750	1418.671	W	16	4	5	0	0.4375	0.125	0.4375
							5	0.666666	0.333333	0.0
f1.7	950	1347.024	NW	6	4	5	0	7	0	3
							5	0.411764	0.215686	0.0
f1.8	1150	1291.390	SW	51	7	8	0	7	0.372549	3

	f1.9	1550	919.997 SW	36	6	9	2	0.555555	0.277777	0.166666	
								6	8	7	
								0.020833		0.916666	
	f1.10	1950	919.997 NE	48	6	8	1	3	0	7	0
								0.226415	0.056603	0.603773	0.1
	f1.11	2350	919.997 N	53	8	11	0	1	8	6	
								0.333333		0.166666	
	f1.12	2750		6	3	4	0	3	0.5	7	
								0.583333	0.083333	0.166666	0.1
	f2.1	0	1756.969 N	12	6	8	3	3	3	7	
								0.526315	0.052631		0.4
	f2.2	50	1712.244 N	19	7	10	3	8	6	0	
								0.344827	0.068965	0.344827	0.2
	f2.3	150	1589.350 N	29	10	14	4	6	5	6	
	f2.4	350	1493.433 W	40	11	17	4	0.375	0.075	0.25	
								0.451612	0.161290	0.306451	0.0
	f2.5	750	1383.395 NW	62	6	9	4	9	3	6	
								0.039682	0.071428	0.809523	0.0
	f2.6	1150	1293.517 NE	126	9	13	1	5	6	8	
								0.063063	0.144144	0.747747	
	f2.7	1550	1205.420 E	111	13	15	3	1	1	7	0.0
								0.026315	0.342105	0.596491	0.0
	f2.8	1950	1146.633 NW	114	12	15	3	8	3	2	
								0.007633		0.671755	0.0
	f2.9	2350	1094.612 NW	131	10	11	0	6	0.221374	7	
needs											
own											
stream #	f2a.1	0		0	0	0	0	0	0	0	
	f3.1	0	1389.257 NW	1	1	1	0	1	0	0	
								0.636363	0.272727		0.0
	f3.2	50	1360.123 W	12	3	6	0	6	3	0	
	f3.3	150	1316.180 W	32	9	11	1	0.125	0.5625	0.28125	0.
								0.184210	0.236842	0.289473	0.2
	f3.4	350	1233.188 W	38	15	18	1	5	1	7	
								0.629629	0.111111		0.2
	f4.1	0	1474.757 SW	27	4	7	3	6	1	0.037037	
	f4.2	50	1458.629 SW	32	7	10	1	0.40625	0.03125	0.53125	0.
								0.388888	0.111111		
	f4.3	150	1424.231 W	18	7	7	1	9	1	0.5	
								0.108108	0.216216	0.567567	0.1
	f4.4	350	1345.518 NW	37	9	13	2	1	2	6	
								0.410256	0.153846	0.358974	0.0
	f4.5	550		39	12	13	0	4	2	4	
	f4.6	950		14	3	6	0	0	0	1	
	f4.7	1350		0	0	0	0	0	0	0	
	k1.1	0		0	0	0	0	0	0	0	
	k1.2	50		5	3	5	1	0.4	0	0.4	
								0.523809		0.333333	0.1
	k1.3	150		21	4	8	1	5	0	3	

						0.532258	0.209677	0.225806	0.0
k1.4	350	62	9	13	1	1	4	5	
k1.5	550	20	4	7	1	0.25	0	0.7	
						0.104477	0.477611	0.328358	0.0
k1.6	750	67	9	13	2	6	9	2	
k2.1	0	2	0	1	1	1	0	0	
k2.2	50	2	0	2	2	0.5	0	0	
k2.3	150	10	5	7	1	0.5	0	0.4	
						0.176470	0.137254	0.647058	0.0
k2.4	350	51	10	13	0	6	9	8	
k3.1	0	1	1	1	0	1	0	0	
k3.2	50	0	0	0	0	0	0	0	
k3.3	150	32	9	10	0	0.53125	0	0.28125	0
k3.4	350	20	8	11	0	0.5	0	0.2	
						0.203389	0.152542	0.491525	0.1
k3.5	550	59	10	15	1	8	4	4	
						0.315789		0.315789	0.3
k3.6	750	19	5	9	0	5	0	5	
k4.1	0	0	0	0	0	0	0	0	
						0.666666		0.333333	
k4.2	50	3	2	3	1	7	0	3	
						0.545454	0.045454	0.272727	0.1
k4.3	150	22	6	8	1	5	5	3	
k5.1	0	2	1	2	0	0	0	1	
k5.2	50	1	0	1	0	1	0	0	
k5.3	150	0	0	0	0	0	0	0	
k6.1	0	1	1	1	0	0	0	1	
								0.333333	0.1
k6.2	0	6	1	4	1	0.5	0	3	
						0.447368		0.394736	0.1
k6.3	100	40	9	14	1	4	0	8	
						0.535714		0.107142	0.1
k6.4	150	28	8	9	1	3	0.25	9	
ky1.1	0	1	1	1	0	1	0	0	
ky1.2	50	40	6	6	0	0.15	0.325	0.425	
						0.306451	0.193548	0.322580	0.1
ky1.3	150	62	10	12	2	6	4	6	
						0.407407		0.370370	0.2
ky1.4	350	54	12	12	0	4	0	4	
						0.433734	0.012048		0.2
ky1.5	550	83	12	15	2	9	2	0.313253	
						0.970588			0.0
ky2.1	0	34	3	4	1	2	0	0	
						0.857142			0.1
ky2.2	50	7	4	4	0	9	0	0	
						0.925925			0.0
ky2.3	150	54	5	6	0	9	0	0	
						0.657142		0.242857	
ky2.4	350	70	13	14	1	9	0	1	

ky3.1	0			0	0	0	0	0	0	0	0	0
							0.391304	0.043478	0.565217			
ky3.2	50			23	8	10	0	3	3	4		
							0.245901		0.573770	0.1		
ky3.3	150			61	14	17	1	6	0	5		
							0.263157	0.035087	0.456140			
ky3.4	350			57	16	18	1	9	7	4	0.2	
								0.056603	0.481132	0.2		
ky3.5	550			106	14	16	0	0.245283	8	1		
p1.1	0			1	1	1	0	0	0	1		
p1.2	50			8	1	1	0	1	0	0		
p1.3	150			20	4	5	0	0.4	0	0.55		
							0.291666		0.333333			
p1.4	350			24	7	12	1	7	0	3		
p1.5	0			5	2	3	0	0.8	0	0		
							0.304347		0.347826	0.3		
p1.6	50			23	8	11	1	8	0	1		
							0.448275	0.034482	0.344827	0.1		
p1.7	150			29	9	11	2	9	8	6		
p2.1	0			2	1	2	0	1	0	0		
p2.2	50			1	0	1	0	0	0	0		
							0.612903		0.258064	0.1		
p2.3	150			31	8	12	1	2	0	5		
							0.555555	0.027777	0.166666			
p2.4	350			36	8	14	3	6	8	7		
p3.1	0			4	2	3	0	0	0	0		
p3.2	50			2	0	2	1	0.5	0	0		
							0.407407		0.333333	0.2		
p3.3	150			27	14	18	2	4	0.037037	3		
							0.652173		0.130434	0.2		
p3.4	350			23	7	8	1	9	0	8		
							0.333333	0.121212	0.484848	0.0		
p3.5	550			34	9	12	0	3	1	5		
p3.6	750			50	16	18	1	0.28	0.12	0.44		
							0.673076		0.153846	0.1		
r1.1	0	96.704	2283.912 SW	52	7	10	2	9	0	2		
							0.604166	0.020833				
r1.2	50	102.344	2255.362 SW	96	13	17	2	7	3	0.28125	0.	
							0.412698		0.444444	0.1		
r1.3	150	110.183	2205.249 SW	65	9	16	1	4	0.031746	4		
							0.223529	0.047058	0.294117	0.4		
r1.4	350	145.198	2143.726 SW	86	12	19	4	4	8	6		
							0.238095		0.444444	0.2		
r1.5	550	172.274	2093.183 SE	63	15	18	3	2	0.047619	4		
							0.196078		0.529411	0.2		
r1.6	950	204.947	2017.659 S	51	9	15	5	4	0	8		
							0.720930		0.162790	0.1		
r2.1	0	163.911	2071.656 SW	43	8	13	1	2	0	7		
							0.436363	0.072727	0.254545	0.2		
r2.2	50	170.558	2058.091 NW	55	12	18	2	6	3	5		

no benthic sample	r2.3	150	175.006	2033.561 W	53	9	15	3	0.392156	0.156862	0.274509	0.1
									9	7	8	
	r2.4	350	292.121	2004.828 SE	61	10	14	2	0.228070	0.105263	0.473684	0.1
									2	2	2	
	r2.5	550	315.559	1986.011 W	70	15	21	3	0.157142	0.028571	0.685714	0.1
									9	4	3	
	r2.6	950	405.462	1945.781 SW	128	16	22	3	0.484375	0.015625	0.34375	0.
									0.150943	0.028301	0.566037	
	r2.7	1350	523.652	1909.670 SE	106	18	22	3	0.119266	0.064220	0.614678	0.2
									4	1	2	9
	r2.8	1750	564.863	1860.997 S	109	22	27	4				0.133333
												0.3
	r3.1	0	9.594	2311.721 NW	30	6	9	0	0.7	0	3	
									0.428571		0.257142	0.3
	r3.2	50	10.836	2272.649 NW	36	8	11	0	4	0	9	
									0.194029	0.044776	0.402985	
	r3.3	150	27.083	2222.436 NW	69	13	17	1	9	1	1	0.3
									0.314285	0.085714	0.342857	0.2
	r3.4	350	73.823	2137.232 NW	37	9	16	1	7	3	1	
	r3.5	504	79.704	2075.071 NW								0.333333
												0.416666
	r4.1	0	40.513	2230.946 SW	24	5	8	1	3	0	7	
	r4.2	50	45.955	2199.105 S	21	6	9	2	0.7	0.05	0.15	
									0.647058		0.205882	0.1
	r4.3	150	56.735	2145.420 S	34	9	12	2	8	0	4	
								0.552631	0.078947	0.184210	0.1	
r4.4	350	77.628	2054.154 SW	39	9	16	3	6	4	5		
								0.344827		0.551724	0.1	
r4.5	550			30	6	11	2	6	0	1		
								0.455882	0.029411	0.323529	0.1	
r4.6	950			68	11	17	3	4	8	4		
r5.1	0	53.917	2179.944 S	15	7	9	1	0.8	0	0		
								0.586206		0.344827	0.0	
r5.2	50	55.962	2131.019 SW	29	7	10	1	9	0	6		
											0.288888	
r5.3	150	85.491	2073.055 E	45	10	15	2	0.4	0	9		
								0.296296		0.481481	0.2	
r5.4	350	95.486	1990.316 SE	54	12	19	4	3	0	5		
x1.1	0	9.174	998.629 E	1	0	1	0	0	0	0		
								0.368421	0.263157	0.157894	0.2	
x1.2	50	11.355	971.880 NE	19	6	8	3	1	9	7		
								0.666666			0.0	
x1.3	150	38.623	945.059 NE	12	3	6	2	7	0	0.25		
								0.470588		0.441176	0.0	
x1.4	350	63.642	896.621 SE	34	10	10	1	2	0	5		
								0.314285		0.614285	0.0	
x1.5	550	102.790	852.261 SE	70	14	17	1	7	0	7		

x1.6	950	176.520	784.673 S	63	11	12	0	0.111111	0.730158	0.1
							1	1	0	7
x1.7	1350	232.285	725.454 E	31	8	12	1	0.366666	0.033333	
								7	3	0.4
y1.1	0			13	2	3	0	0.923076		0.0
							9	0	0	
y1.2	50			6	2	3	0	0.166666	0.333333	
							7	0.5	3	
y1.3	150			75	8	11	2	0.173333	0.093333	0.1
							3	3	0.6	
y1.4	350			62	9	11	1	0.145161	0.048387	0.741935
							3	1	5	0.0
y1.5	550			49	10	13	2	0.020408	0.081632	0.571428
							2	7	6	0.3
y1.6	950			73	10	11	0	0.054794	0.684931	
							5	0	5	0.2
y1.7	1350			88	10	12	0	0.056818	0.056818	0.636363
							2	2	6	
y2.1	0			0	0	0	0	0	0	0
y2.2	50			4	1	3	0	0.5	0	0.5
y2.3	150			53	10	11	0	0.245283	0	0.433962
									3	0.3
y2.4	350			113	12	16	2	0.061946	0.752212	0.1
							9	0	4	
y2.5	550			79	9	13	2	0.253164	0.012658	0.518987
							6	2	3	0.2