

S3 A summary of all the invertebrate taxa caught in litter bags for three types of habitat-treatment group. NA indicates that identification was conducted only at the order level.

		Surface		Hyporheic (control)		Hyporheic (treatment)	
Order	Family	Mean \pm SD	Total	Mean \pm SD	Total	Mean \pm SD	Total
Ephemeroptera	Ephemerellidae	4.54 \pm 6.29	109	1.63 \pm 5.55	39	1.21 \pm 4.12	29
Ephemeroptera	Ephemeridae	0.58 \pm 1.53	14	0.75 \pm 2.44	18	0.00 \pm 0.00	0
Ephemeroptera	Heptageniidae	0.17 \pm 0.48	4	0.13 \pm 0.45	3	0.08 \pm 0.28	2
Ephemeroptera	Leptophlebiidae	1.58 \pm 2.21	38	1.79 \pm 3.82	43	0.92 \pm 2.60	22
Plecoptera	Chloroperlidae	0.00 \pm 0.00	0	0.08 \pm 0.28	2	0.50 \pm 0.98	12
Plecoptera	Nemouridae	0.54 \pm 1.22	13	0.75 \pm 1.89	18	0.13 \pm 0.34	3
Plecoptera	Perlodidae	1.96 \pm 3.07	47	0.17 \pm 0.64	4	0.04 \pm 0.20	1
Trichoptera	Hydropsychidae	23.96 \pm 50.24	575	0.21 \pm 0.66	5	0.04 \pm 0.20	1
Trichoptera	Lepidostomatidae	7.17 \pm 12.08	172	9.42 \pm 12.39	226	5.96 \pm 7.46	143
Trichoptera	Rhyacophylidae	0.17 \pm 0.48	4	0.00 \pm 0.00	0	0.00 \pm 0.00	0
Trichoptera	Stenopsychidae	0.71 \pm 2.01	17	0.21 \pm 0.83	5	0.04 \pm 0.20	1
Diptera	Chironomidae	26.17 \pm 19.86	628	15.29 \pm 12.01	367	13.67 \pm 10.45	328
Diptera	Tipulidae	0.17 \pm 0.48	4	0.25 \pm 0.61	6	0.17 \pm 0.38	4
Oligochaeta	NA	1.21 \pm 2.73	29	1.50 \pm 3.04	36	2.21 \pm 2.70	53
Coleoptera	Elmidae	1.63 \pm 3.59	39	0.38 \pm 1.13	9	0.04 \pm 0.20	1
Odonata	NA	0.08 \pm 0.41	2	0.00 \pm 0.00	0	0.00 \pm 0.00	0
Total		1695		781		600	