

**Supplementary material**

**Differentiating the roles of shrimp and aquatic insects in leaf processing in a Neotropical stream**

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**Table S1. Abundance of macroinvertebrate taxa per leaf pack in exclusion treatments of both experiments (mean of 4 replicates and 5 sampling dates,  $\pm$ s.e.)**

Taxa	Experiment 1			Experiment 2		
	Control	Low	High	Control	Low	High
<b>Diptera</b>						
Ceratopogonidae	0	0	0	0	0.1 ( $\pm$ 0.2)	0.1 ( $\pm$ 0.2)
<i>Stenochironomus</i> (Chironomidae)	0.4 ( $\pm$ 0.9)	0.4 ( $\pm$ 1.2)	0.3 ( $\pm$ 0.9)	0.2 ( $\pm$ 0.6)	0.9 ( $\pm$ 2.0)	1.2 ( $\pm$ 1.6)
Tanypodinae (Chironomidae)	0	0.33 ( $\pm$ 0.7)	0.1 ( $\pm$ 0.3)	0.1 ( $\pm$ 0.3)	0.2 ( $\pm$ 0.6)	0.9 ( $\pm$ 1.7)
Chironomidae (other)	1.5 ( $\pm$ 1.6)	5 ( $\pm$ 9.3)	7.3 ( $\pm$ 12.9)	1.0 ( $\pm$ 1.7)	2.6 ( $\pm$ 2.4)	7.6 ( $\pm$ 5.7)
<b>Ephemeroptera</b>						
Baetidae	1.6 ( $\pm$ 2.5)	1.6 ( $\pm$ 2.3)	0.4 ( $\pm$ 1.3)	2.0 ( $\pm$ 1.9)	1.5 ( $\pm$ 1.9)	0.4 ( $\pm$ 0.6)
Leptophlebiidae	0.7 ( $\pm$ 1.5)	1.6 ( $\pm$ 1.7)	0.5 ( $\pm$ 0.9)	1.5 ( $\pm$ 1.9)	1.9 ( $\pm$ 2.6)	0.6 ( $\pm$ 1.0)
<b>Coleoptera</b>						
Elmidae	0	0.1 ( $\pm$ 0.3)	0.04 ( $\pm$ 0.2)	0	0.1 ( $\pm$ 0.2)	0
<b>Odonata</b>						
Libellulidae	0.04 ( $\pm$ 0.2)	0	0	0	0	0
<b>Plecoptera</b>						
Perlidae	0	0	0	0.1 ( $\pm$ 0.3)	0.1 ( $\pm$ 0.3)	0
<b>Trichoptera</b>						
Helicopsychidae	0.1 ( $\pm$ 0.4)	0	0	0	0	0
<i>Macronema</i> (Hydropsychidae)	0.04 ( $\pm$ 0.2)	0.1 ( $\pm$ 0.3)	0	0	0	0.3 ( $\pm$ 0.6)
<i>Phylloicus</i> (Calamoceratidae)	0	0.05 ( $\pm$ 0.2)	0.04 ( $\pm$ 0.2)	0.1 ( $\pm$ 0.3)	0	0.2 ( $\pm$ 0.4)
<i>Triplectides</i> (Leptoceridae)	0.04 ( $\pm$ 0.2)	0	0.2 ( $\pm$ 0.5)	0.1 ( $\pm$ 0.3)	0.4 ( $\pm$ 0.6)	1.1 ( $\pm$ 2.0)
<b>Decapoda</b>						
<i>Potimirim</i> (Athyidae)	0.04 ( $\pm$ 0.2)	0	0	0.2 ( $\pm$ 0.6)	0	0