

Table S1. Primer sequences and accession numbers for 4 key Ca²⁺ transport and E-cadherin genes.

Gene	Forward	Reverse	Accession number
CALB1	GATGGAAAGCTGGGACTTAC	CATCTATATAGCCACTGCCATC	NW_017306330.1
SLC8a1	CAAGGAGGGATATGGCAAGA	ACTTCATGCATGCTGACTGC	NC_030681.2
PMCA1b	TGGCTTTGCTATGGGTATTG	GACTGTAAGCTGGAAGTGAAG	NC_030679.2
TRPV6	GGAGACGGTGAAAGTTCTGC	ACAGGCAGCAAAGGAAAGAA	NC_030736.1
CDH1	GAAGATGACACTCGGGATAAC	GGTATTTGGGAGCAGACATAA	NM_001172232.1

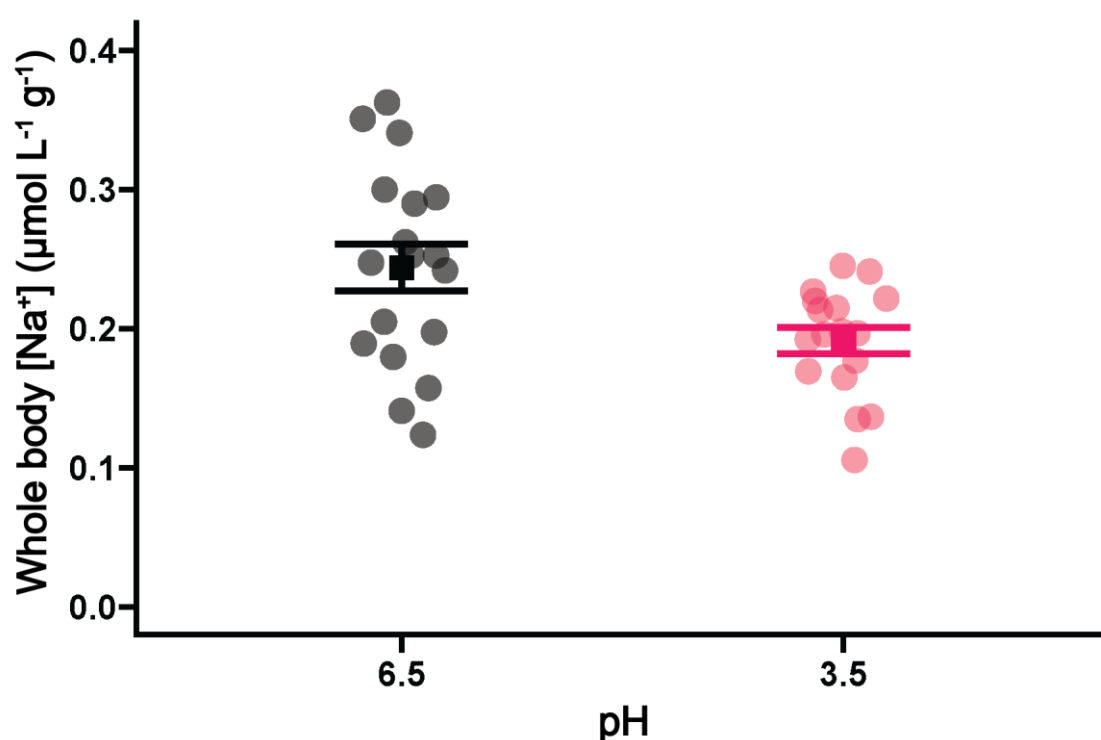


Fig. S1. Two-way ANCOVA showed a slight but significant effect of acute exposure to pH 3.5 on *L. terraereginae* larvae on whole body [Na⁺] ($F_{29,2} = 6.782$, $p = 0.014$). No effect of [Ca²⁺]_e was detected on whole body [Na⁺]. No effect of [Ca²⁺]_e or exposure pH was detected for whole body [Ca²⁺] (not shown). Squares represent mean values. Error bars represent standard errors.