

Table S1: Summary information from the zero-inflated generalized linear mixed model (GLMM) assessing clam mortality counts amongst different antipredator materials used with a random effect of trial date.

A) All Groups	Estimate	Std. Error	Z value	P
Intercept (Control)	0.242	0.444	0.545	0.585
Dipped	-1.084	0.275	-3.946	< 0.001
HDPE	-1.608	0.416	-3.864	< 0.001
Chicken wire	-1.821	0.545	-3.344	< 0.001

Table S2: Summary information from the zero-inflated generalized linear mixed model (GLMM) assessing clam mortality counts amongst different antipredator materials used with a random effect of trial date. Subsections include model results for A) ray group A, B) ray group B, and C) ray group C.

A) Ray group A	Estimate	Std. Error	Z value	P
Intercept (Control)	0.683	0.607	1.124	0.261
Dipped	-1.072	0.337	-3.182	0.001
HDPE	-1.271	0.406	-3.134	0.002
Chicken wire	-1.655	0.559	-2.961	0.003

B) Ray group B	Estimate	Std. Error	Z value	P
Intercept (Control)	-0.656	1.039	-0.631	0.528
Dipped	0.042	0.613	0.068	0.945
HDPE	-20.019	-	-	-
Chicken wire	1.106	1.169	0.946	0.344

C) Ray group C	Estimate	Std. Error	Z value	P
Intercept (Control)	0.290	0.816	0.356	0.722
Dipped	-1.840	0.721	-2.551	0.011
HDPE	-3.076	0.737	-4.172	< 0.001
Chicken wire	-3.769	1.021	-3.690	< 0.001

Table S3: Summary information from the generalized linear mixed-effects model (GLMM) assessing interaction counts by treatment type, with a random effect of trial date.

Random Effects	Variance	Std. Dev.		
Trial Date	0.836	0.914		

Fixed Effects	Estimate	Std. Error	Z Value	P
Intercept (Control)	1.851	0.308	6.004	< 0.001
Dipped	-0.505	0.172	-2.946	0.003
HDPE	-0.198	0.152	-1.304	0.192
Chicken wire	-0.427	0.165	-2.581	0.010

Table S4: Summary information from the binomial logistic regression generalized linear model (GLM) assessing interaction counts amongst different antipredator materials based on unsuccessful (0) and successful (1) clam consumption interactions.

Coefficients	Estimate	Std. Error	Z Value	P
Intercept (Control)	0.191	0.219	0.872	0.383
Dipped	-1.918	0.442	-4.341	< 0.001
HDPE	-3.880	0.749	-5.182	< 0.001
Chicken	-4.216	1.032	-4.085	< 0.001