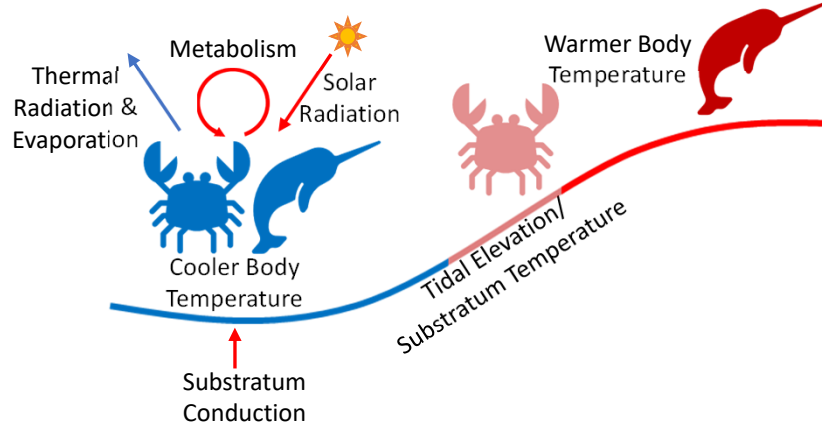


A.



B.

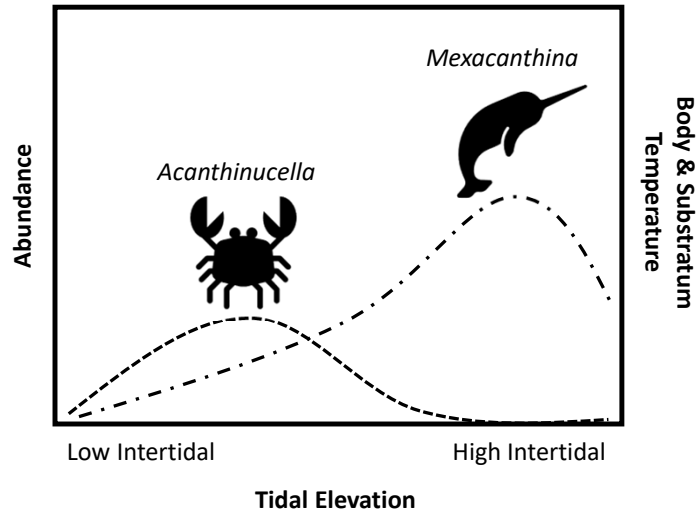


Figure 1.

- (A) Conceptual diagram of factors influencing body temperature of *Acanthinucella* and *Mexacanthina* across tidal elevations. We predict that body temperature is positively correlated with tidal elevation. We also predict *Mexacanthina* will have a greater tidal extent than *Acanthinucella*, leading to higher maximum body temperatures.
- (B) *Acanthinucella* and *Mexacanthina* abundance and tissue and substratum temperatures ($^{\circ}\text{C}$) across a tidal elevation gradient. We predict *Acanthinucella* will have lower abundance, tissue temperature, substratum temperature than *Mexacanthina*.
- (C) Thermal performance curves for *Mexacanthina* and *Acanthinucella*. We predict *Mexacanthina* will have a higher thermal optimum (T_{opt}) than *Acanthinucella*.

C.

