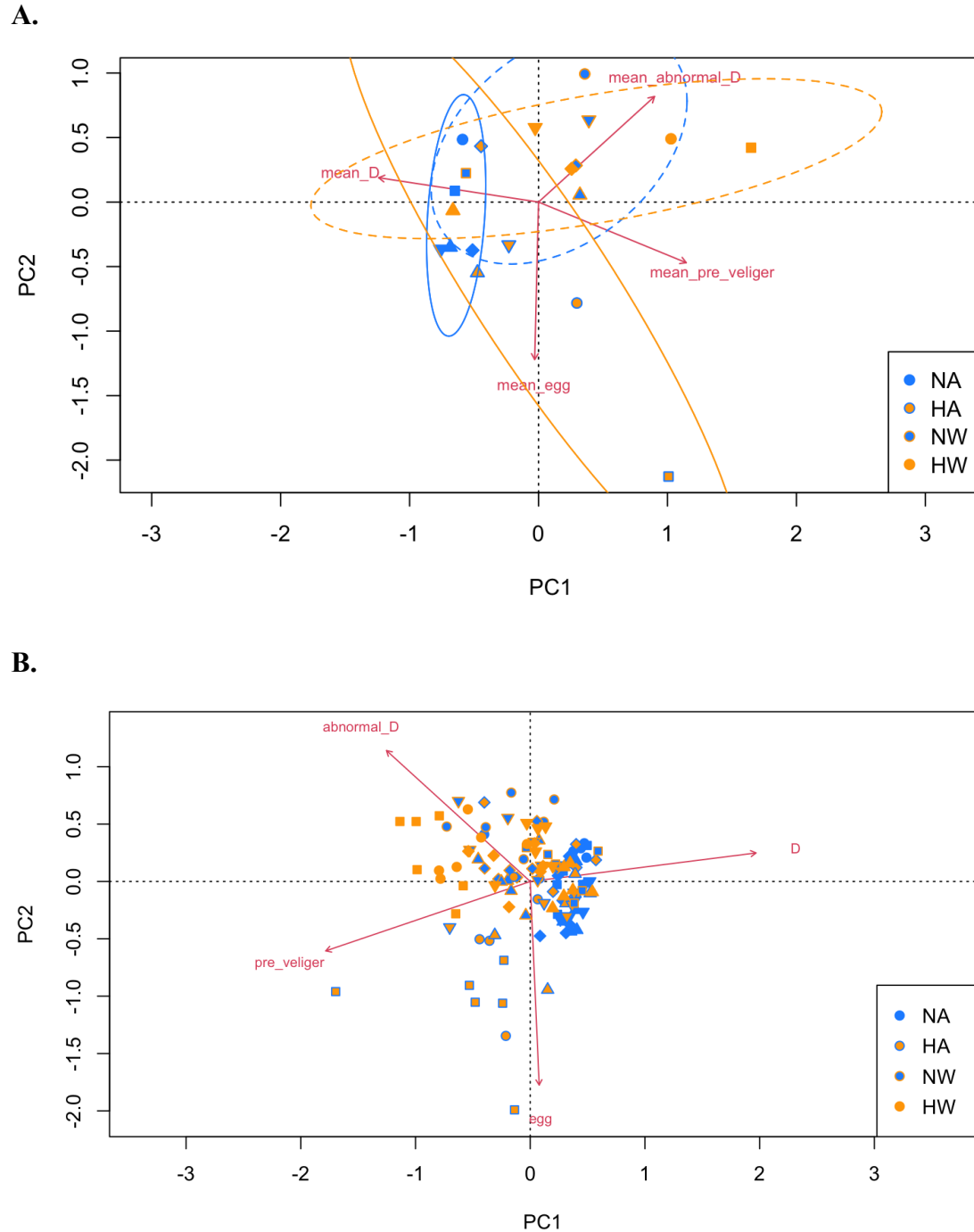
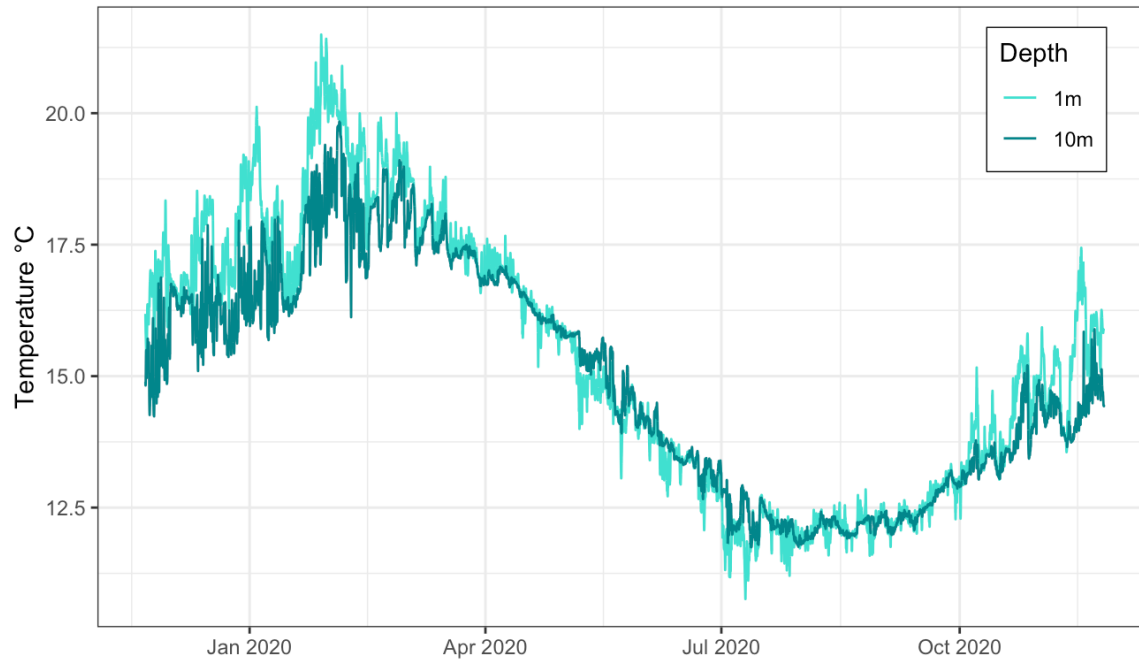


**Figure S1.** Veliger shell length ( $\mu\text{m}$ ) of *Perna canaliculus* larvae from preliminary trial, manipulating only developmental temperature ( $^{\circ}\text{C}$ ).



**Figure S2.** RDA of all normality data with A) each father reduced to a mean of his corresponding replicates or B) all replicates shown. Inner color represents paternal temperature, border color represents larval temperature, ellipses (A) are 95% confidence range. Ellipse color represents paternal temperature (orange – heat exposed (H), blue – naïve (N)), line type represents larval temperature (solid – ambient (A), dashed – warm (W)). Shape represents father number.



**Figure S3.** Temperature (°C) at 1m and 10m depth in Clova Bay Marlborough Sounds, New Zealand). Moving average filter applied.