

Fig. 1. [Na⁺/K⁺-ATPase] in the gills of *G. natalis* after infusion with either a saline control or CHH at 100 pmol.crab⁻¹ in different seasons. One-way ANOVA and Tukey's tests for multiple comparisons used for statistical analysis. The data were square-root transformed prior to analysis. Bars represent mean ± SEM (n=8).

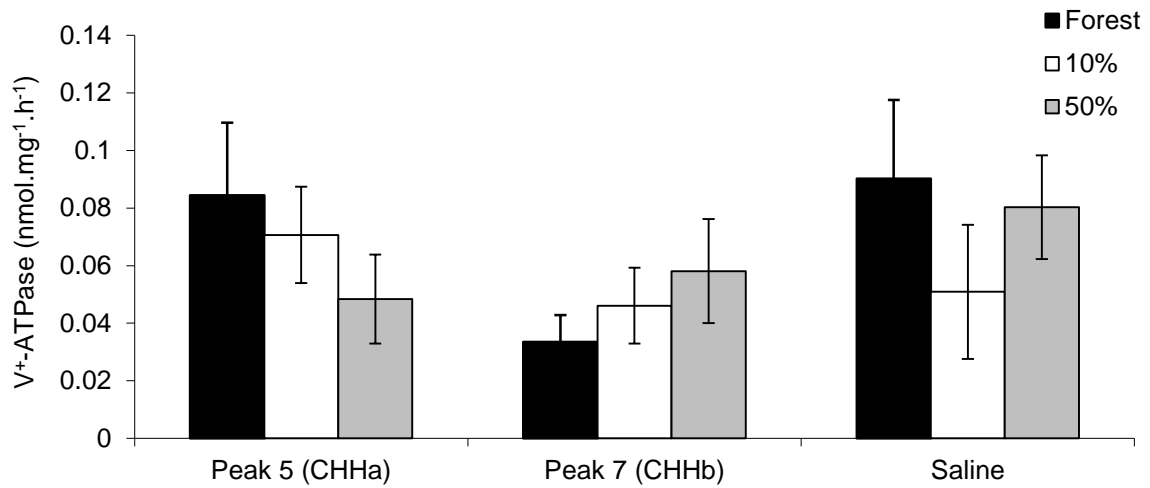


Fig. 2. The effect of CHH on V-ATPase activity in the gills of *D. celeste* ($\mu\text{mol.mg}^{-1}.\text{h}^{-1}$). Crabs were injected with either CHHa, CHHb ($100 \text{ pmol.crab}^{-1}$) or a saline control after being collected directly from the rainforest or acclimated for 14 days to either 10% or 50% seawater. Bars represent mean \pm SEM ($n=7$) (two-way ANOVA and Tukey's tests).