



**S2 Figure. Mean change  $\pm$  SEM in observed versus expected  $\text{pH}_e$  vs total alkalinity in 39 species of seaweed and 1 surfgrass.** All units in  $\mu\text{mol/kg}$  seawater. Filled circles depict species with CCMs present, open circles CCMs are absent.  $N = 111$ .