



**S3 Figure. Mean change  $\pm$  SEM in observed versus expected  $[\text{CO}_3^{2-}]$  vs total alkalinity shift in  $\mu\text{mol/kg}$  seawater. (A) 17 species of seaweed and one species of surfgrass with CCMs, and (B) 6 species of seaweed without CCMs. N = 111.**