

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: *Carbonate chemistry in the mesocosms during the experiment.* Dissolved inorganic carbon (DIC), partial pressure of CO₂ ($p\text{CO}_2$), Bicarbonate (HCO₃⁻), Carbonate (CO₃²⁻), Carbon dioxide (CO₂) and calcite saturation state (W_{calcite}) were calculated based on pH and total alkalinity (TA) using CO2Sys (Pierrot et al. 2006); mean ± standard deviation.