

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Data table with $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ for *G. hexagonus* by sample ID (cruise_core_coredepth). Measurement error is 0.05‰ $\delta^{18}\text{O}$ for and 0.03 ‰ for $\delta^{13}\text{C}$

File Name: Supplementary Data 2

Description: Data table with morphometrics for *G. hexagonus* by sample ID (cruise_core_coredepth) and individual foraminiferal ID. Measurements consist of shell length, number of chambers in the final whorl, and porosity of the final chamber