

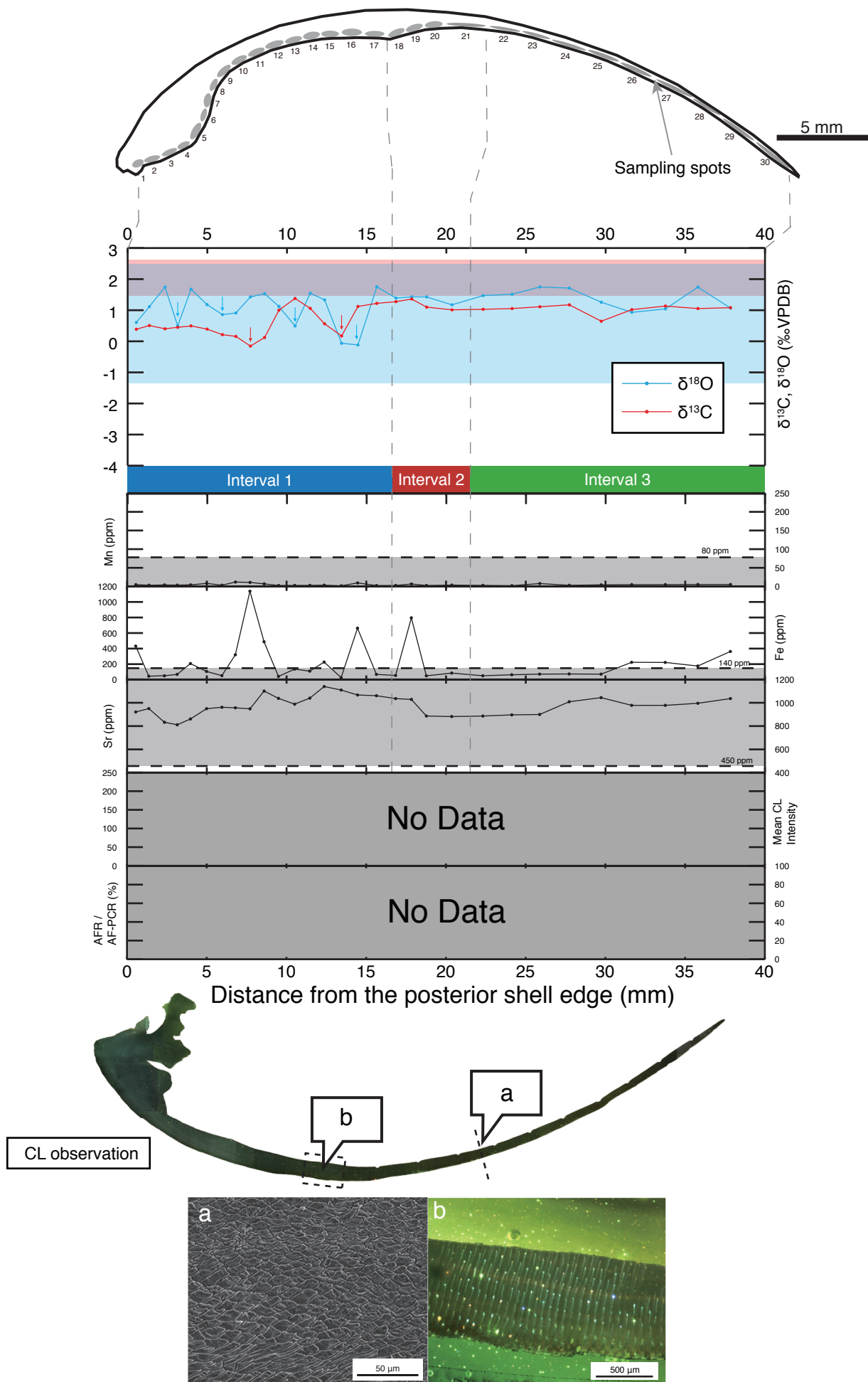


Fig. S1-1 Sampling spots, $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values, minor-element (Mn, Fe, and Sr) concentrations, mean CL intensities, altered fiber ratios, and altered fiber and puncta-filling cement ratios of the modern *T. coreanica* (OTTC_{Co}) shell. Composite CL images are presented for each shell. SEM and CL images of selected shell portions are also shown. Red and blue arrows indicate local minima in $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$, respectively.