

S2-5

MNLR4

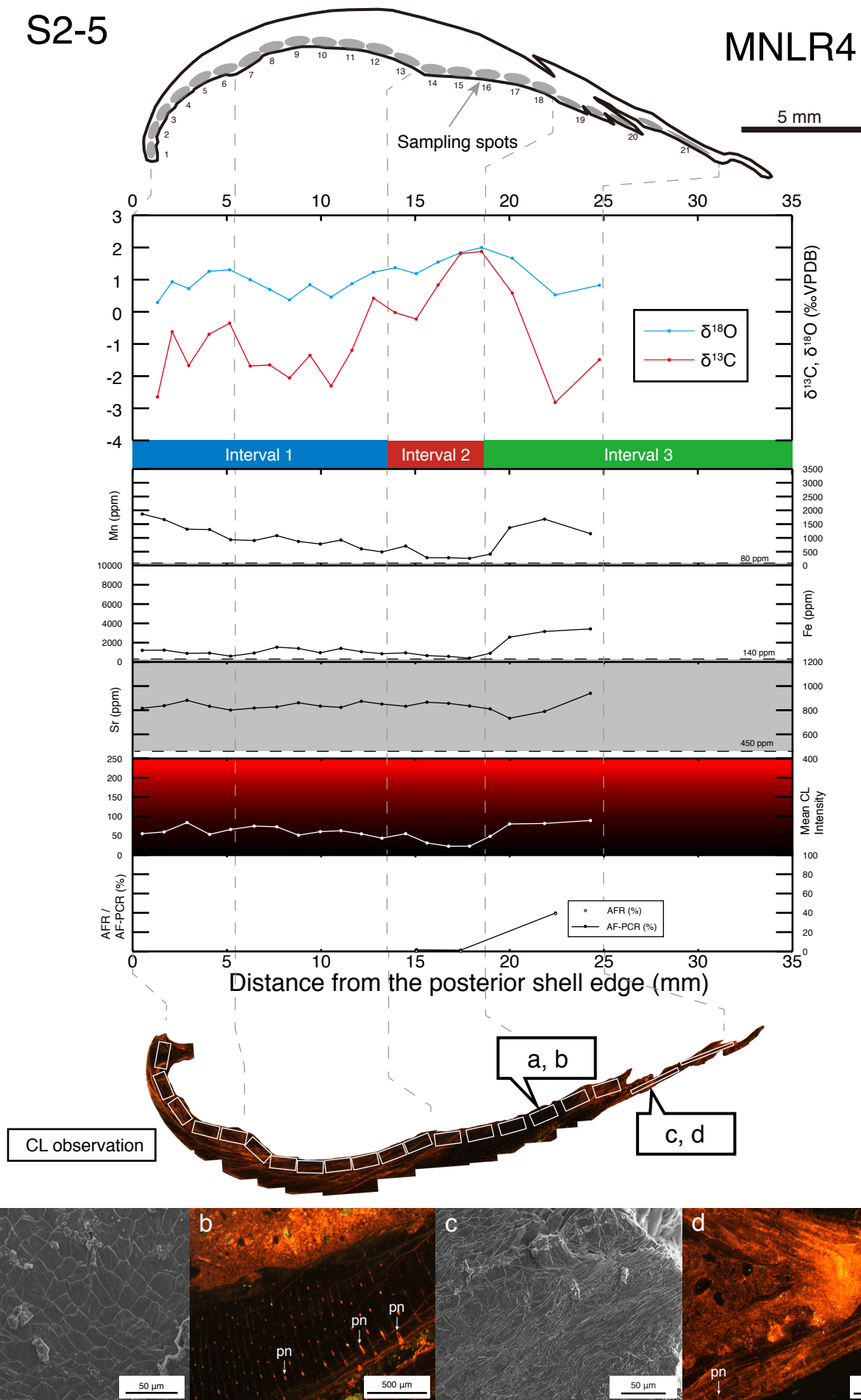


**Fig. S2-5** Sampling spots,  $\delta^{13}\text{C}$  and  $\delta^{18}\text{O}$  values, minor-element (Mn, Fe, and Sr) concentrations, mean CL intensities, altered fiber ratios, and altered fiber and puncta-filling cement ratios of the modern *L. rubellus* (MNLR4) shell. Composite CL images are presented for each shell. SEM and CL images of selected shell portions are also shown.