



Figure S4. Source of sedimentary organic carbon. Time series of (a) C/N ratio, (b) $\delta^{13}\text{C}$ (‰) and (c) $\delta^{15}\text{N}$ (‰) of sedimentary organic material from each core horizon from restored, regenerated and shrimp farm-associated old-forest mangrove types ($n = 3$ cores per site), and contemporary end-members (isotopic values from the literature and this study - see Table S1). Pre-1900 dating extrapolated from the post-1900 ^{210}Pb chronologies. POM = particulate organic matter. Data presented as mean \pm SE.