

Figure S1. Carbon accumulation rate (CAR) by calibrated age. Open black circles are measured values for each core layer. Blue line indicates linear regression model fit: Adjusted R2=0.08,

p < 0.001, CAR = 17.85 (± 2.01) + 0.001879 (± 0.000419) \*Age. Dashed black line indicates 3300 cal BP cut-off point between early and late Holocene non-linear carbon accumulation modeling for reference.