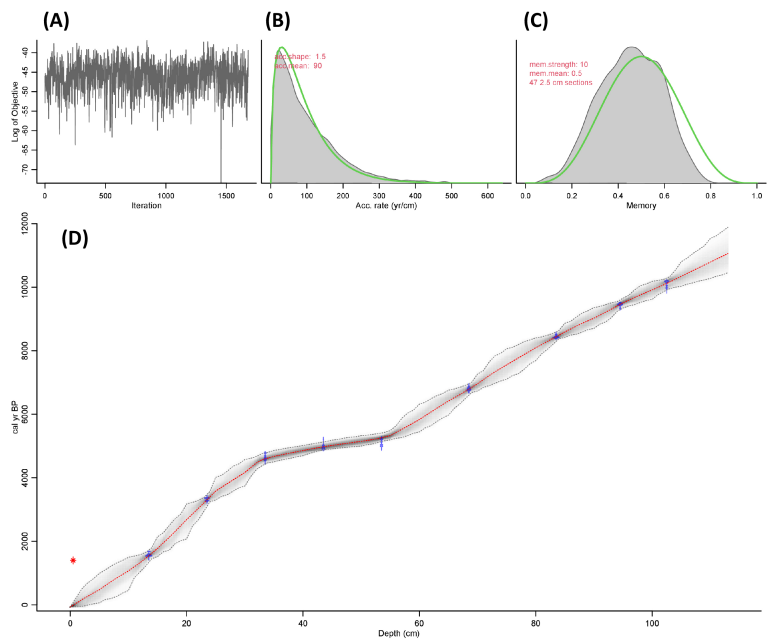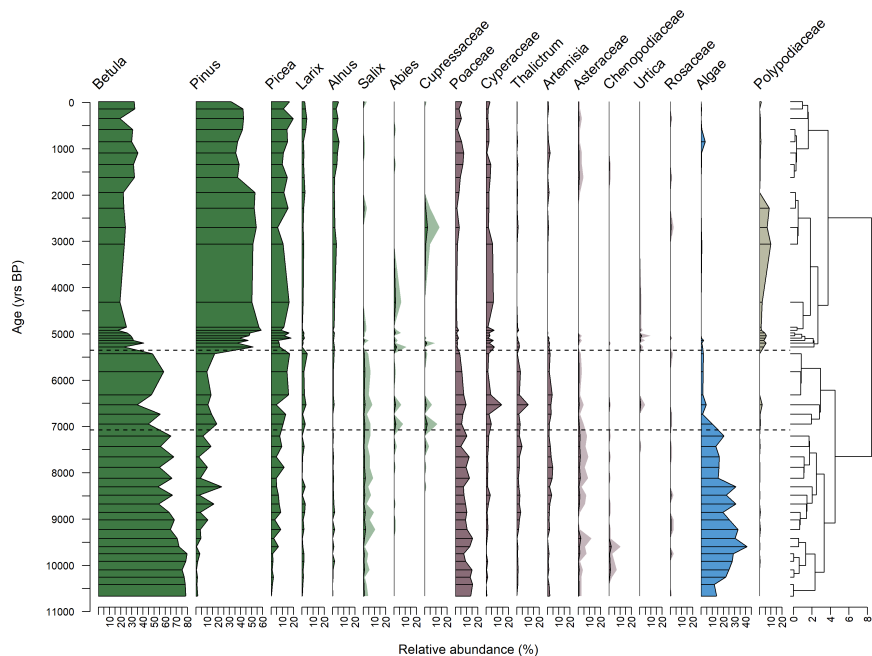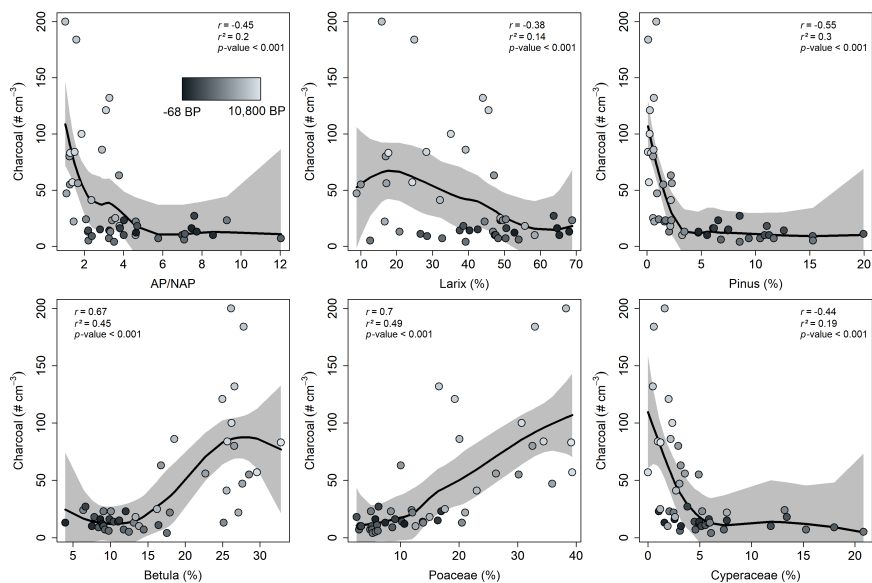# Supplementary material

Supplementary Figure 1. Original age-depth model output for sediment core EN18224-4, applying Bacon (Blaauw and Christen, 2011) to ^{14}C dated bulk sediment samples. (A) Model iteration log. (B, C) Prior (green line) and posterior (grey area) distributions for accumulation rate and memory. (D) Age-depth model (blue distributions = calibrated ages of ^{14}C dated samples; red distribution = outlier among dated samples; grey lines = 2σ range; red line = median).

Supplementary Figure 2. Pollen and non-pollen palynomorph percentage diagram for sediment core EN18224-2, with zone separations from cluster analysis. Shaded area represents a visual exaggeration, added to pollen types of lower abundance.

Supplementary Figure 3. Scatterplots of macroscopic charcoal concentration and different REVEALS-transformed pollen types from sediment core EN18224-4, with LOESS-smoothing (grey area = 2σ range, black line = mean). Colors of the dots represent their age (dark = modern; white = Early Holocene at c. 10,800 yrs BP).

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