

Fig S1. FTIR spectra for each oxidation type and duration in this study. Spectra represent the mean of six replicates, except in the case of nitric acid at 90°C for 60 minutes, for which only five of the replicates had sufficient material remaining. For each oxidation type the untreated mean spectrum is provided for comparison.

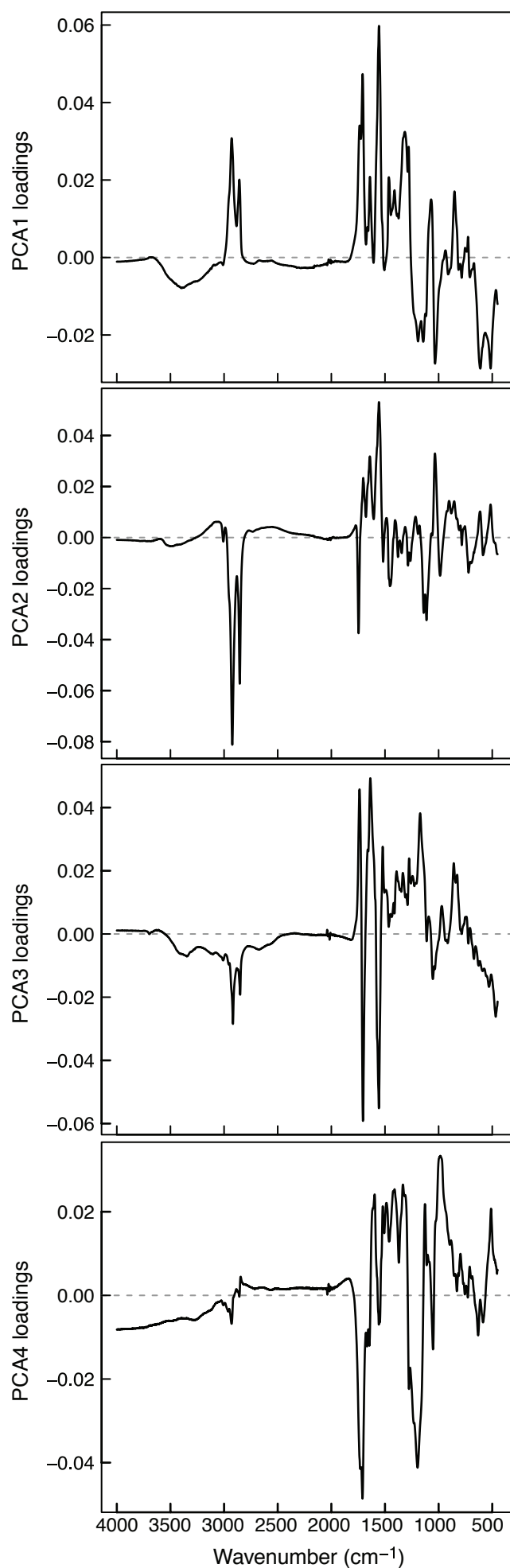


Fig S2. Loadings plots for first four PCA axes, for PCA of oxidised *Lycopodium*. Principal component loadings relate the original variables (IR wavenumbers) to the PCA axes.