



Supplementary Figure 3. Ordination diagrams from canonical correspondence analysis (CCA) of bacterial (**A**), archaeal (**B**) and eukarya (**C**) abundances, and geochemical parameters. Arrows indicate the direction and magnitude of geochemical parameters associated with community structures. Each sample is represented by colored circles according to the collection sites. Abbreviations: PotR, Potential Redox; LUX, Luminance; Temp, Temperature; Cond, Conductivity.