



**Supplementary Figure S2** | Boxplots showing alpha diversity indices for compartment and month in the water column. Individual data are given by black points, boxplots show the median values (line), interquartile range (box), and range of the data (whiskers). Alpha diversity indices were calculated as number of OTUs, Chao1 and ACE abundance-based richness, Shannon and inverse Simpson diversity indices, Pielou's index for evenness, and rare biosphere as singletons (SSO) (number of OTUs occurring only once in the sample after rarefaction). ACE (not shown) followed the same trend as Chao1. Posthoc Dunn's test was performed on Kruskal-Wallis tests: \*\*\*\*  $p \leq 0.0001$ , \*\*\*  $p \leq 0.001$ , \*\*  $p \leq 0.01$ , \*  $p \leq 0.05$  (FDR-corrected  $p$ -values).