



Supplementary Figure 3 | Measures of the alpha diversity in the three different compartments: flowing waters (FW, $n=6$), raw waters (RW, $n=8$), and gutter mats (GM, $n=90$). **(a)** First Hill number 0D , *i.e.*, number of observed OTUs; **(b)** Second Hill number 1D , *i.e.*, exponential of Shannon entropy index; **(c)** Third Hill number 2D , *i.e.*, inverse Simpson concentration index. Small letters above the boxplots indicate significantly different distributions (Kruskal-Wallis, $p<0.05$).