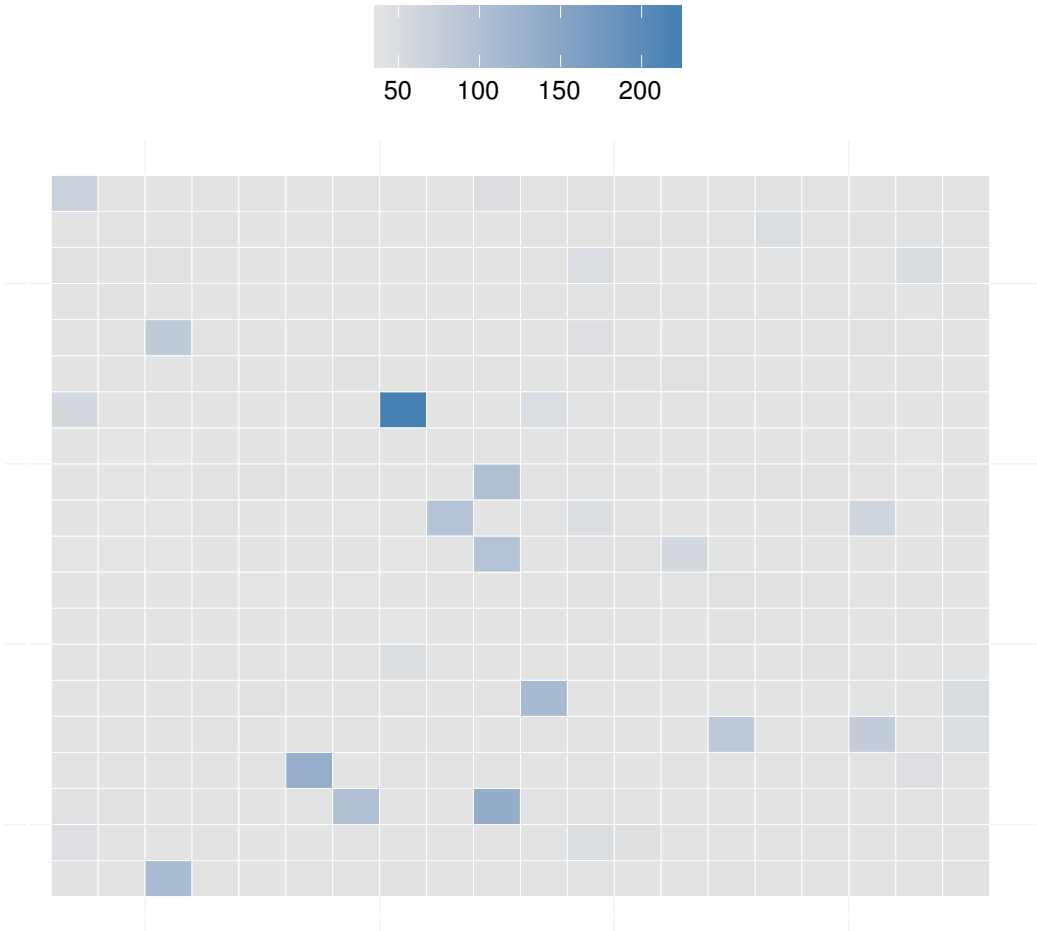methane concentration in mM