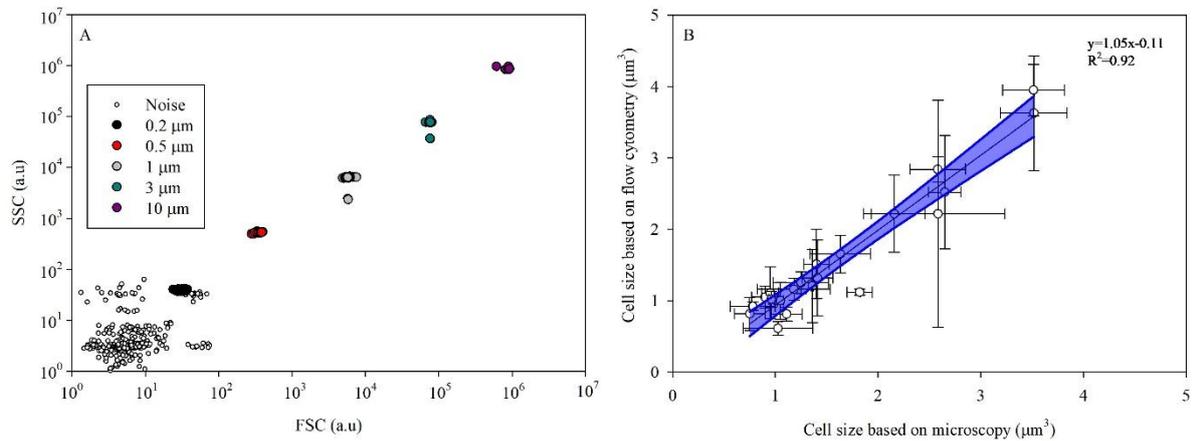


1 **Does size matter? Pico-phytoplankton cell size affects biomass distribution and nutrient**
2 **limitation in the oligotrophic Eastern Mediterranean Sea**

3 **Supplementary material**

4



5

6 **Figure S1:** (A) A forward scatter (FSC) vs. side scatter (SSC) plot showing the distribution of
7 known size-beads in the Attune NxT flow cytometer used in this study; 0.2 μm (black), 0.5 μm
8 (red), 1 μm (grey), 3 μm (cyan) and 10 μm (purple). Electric noise shown in white. (B) A cross
9 calibration between size derived from flow cytometry vs. microscopy brightfield enumeration
10 (n=21). The black line shows the linear fit and the blue area signifies the 95% confidence
11 interval. The two approaches differ from one another by only ~5% (slope = 1.05) with a fit of
12 $R^2=0.92$.