



Figure S1. Phytoplankton bloom intensity and composition varies year to year. Stacked area colors represent cell counts of dominant phytoplankton groups (cells/L) on the left y-axis across Julian days on the x-axis: dark blue = Diatoms (pennales), light blue = Diatoms (centrales), red = Dinoflagellates, green = Coccolithophorids, orange = Ciliates, purple = *Phaeocystis* spp. (prymnesiophyte), yellow = *Chattonella* spp. (raphidophyte). Spring and summer are denoted by the dark and light grey areas, respectively. Black lines denote chlorophyll a concentration ($\mu\text{g/L}$) on the right y-axis. Vertical grey lines below the area plot denote sampling time points.