1 *Supporting Information for:*

2 **Potential of optical and ecological proxies to quantify phytoplankton**

3 **carbon in oligotrophic waters**

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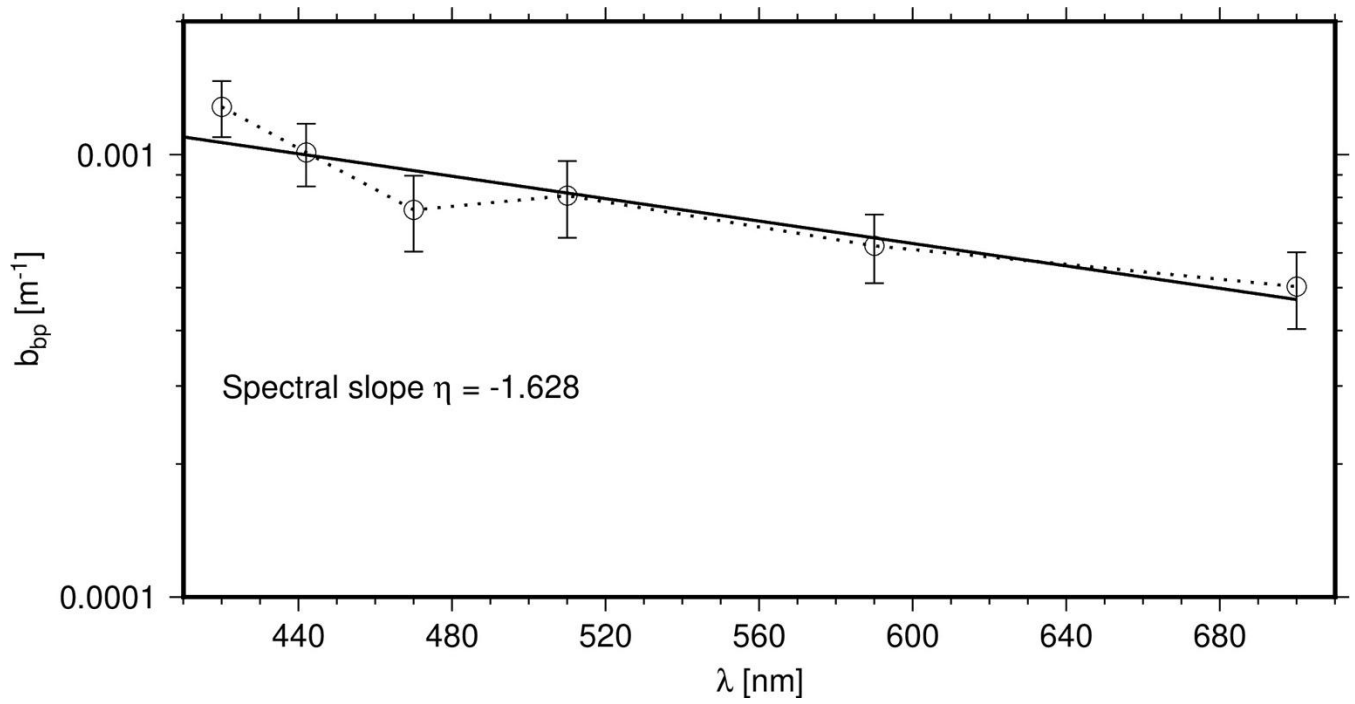
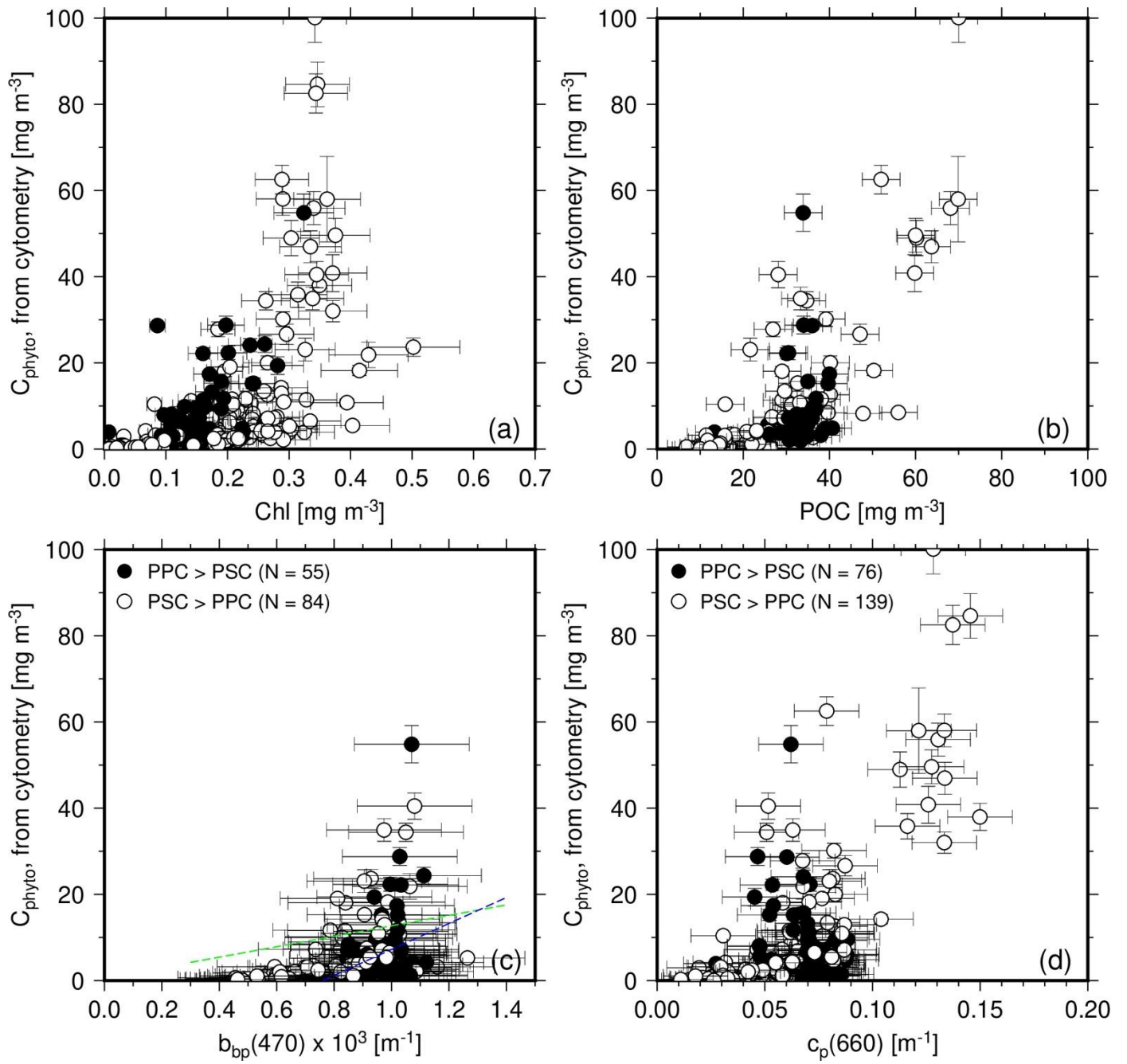

13 **Fig. S1**. Particulate backscattering coefficient at the 6 wavelengths of the Hydroscat-6 instrument. The
14 open circles and vertical bars are average values and standard deviation for all data for depths < 150 m. The
15 solid black line is the fit of the logarithm of b_{bp} against wavelength, with the slope reported on the panel.

16   **Fig. S2**. The same data as plotted in Fig. 6b,d and Fig7b,d yet using here linear scales.