



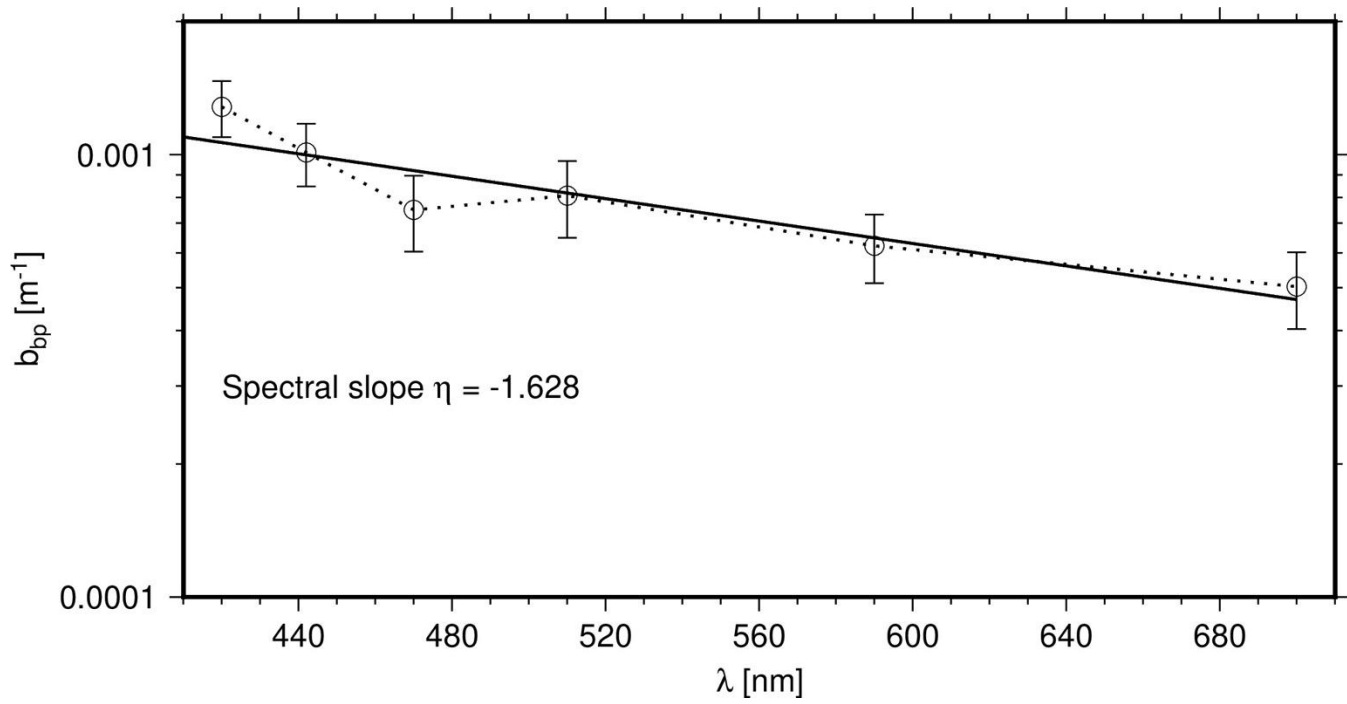
*Supplement of*

## **Potential of optical and ecological proxies to quantify phytoplankton carbon in oligotrophic waters**

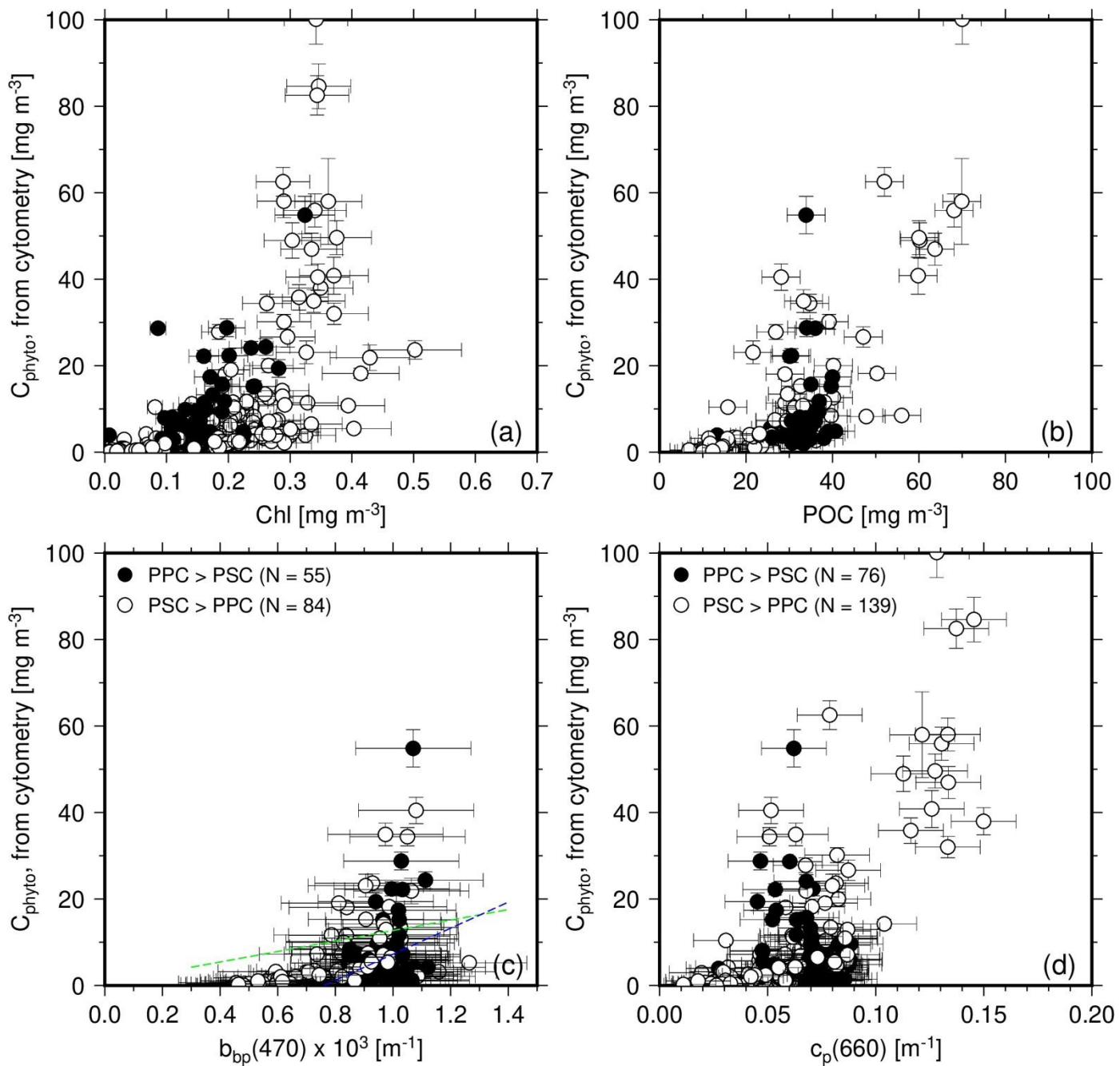
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13 **Fig. S1.** Particulate backscattering coefficient at the 6 wavelengths of the Hydrosat-6 instrument. The  
14 open circles and vertical bars are average values and standard deviation for all data for depths < 150 m. The  
15 solid black line is 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.