

Bio-optical provinces in the eastern Atlantic Ocean and their biogeographical relevance

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Supplementary material

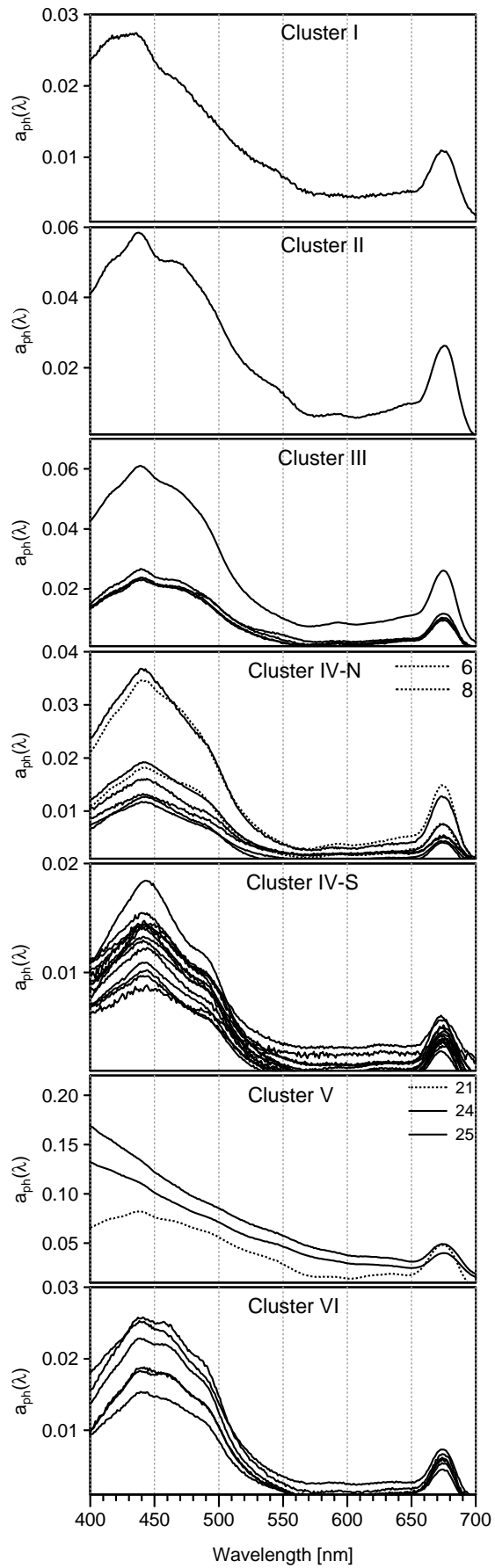


Figure S1: Phytoplankton absorption spectra ($a_{ph}(\lambda)$) of all samples, organised by pigment-based clusters.

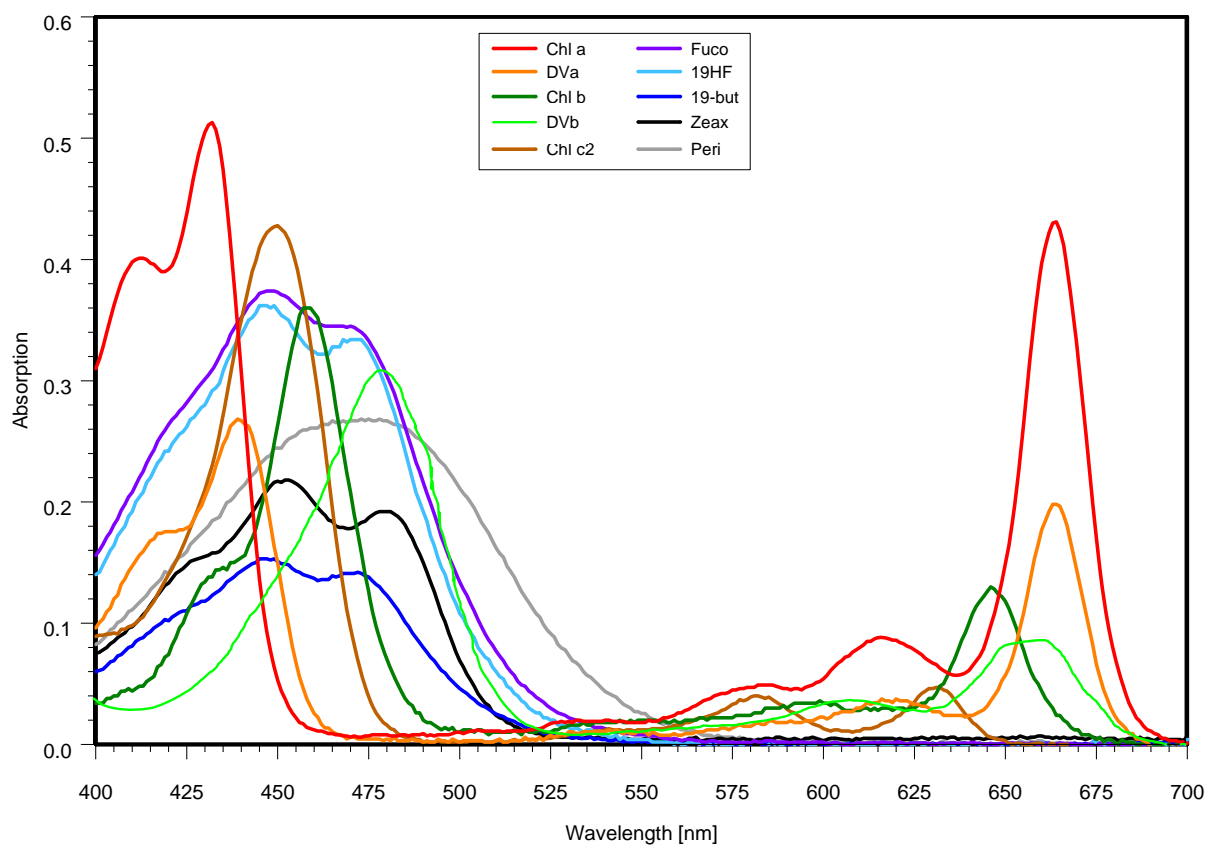


Figure S2: Absorption spectra of pigment standards in solvents. Chl *a* = *Monovinyl*-Chlorophyll *a*, DVa = *Divinyl*-Chlorophyll *a*, Chl *b* = *Monovinyl*-Chlorophyll *b*, DVb = *Divinyl*-Chlorophyll *b*, Chl *c*₂ = Chlorophyll *c*_{1/2}, Fuco = Fucoxanthin, 19HF = 19'-hexanoyloxyfucoxanthin, 19BT = 19'-butanoyloxyfucoxanthin, Zea = Zeaxanthin, Peri = Peridinin.

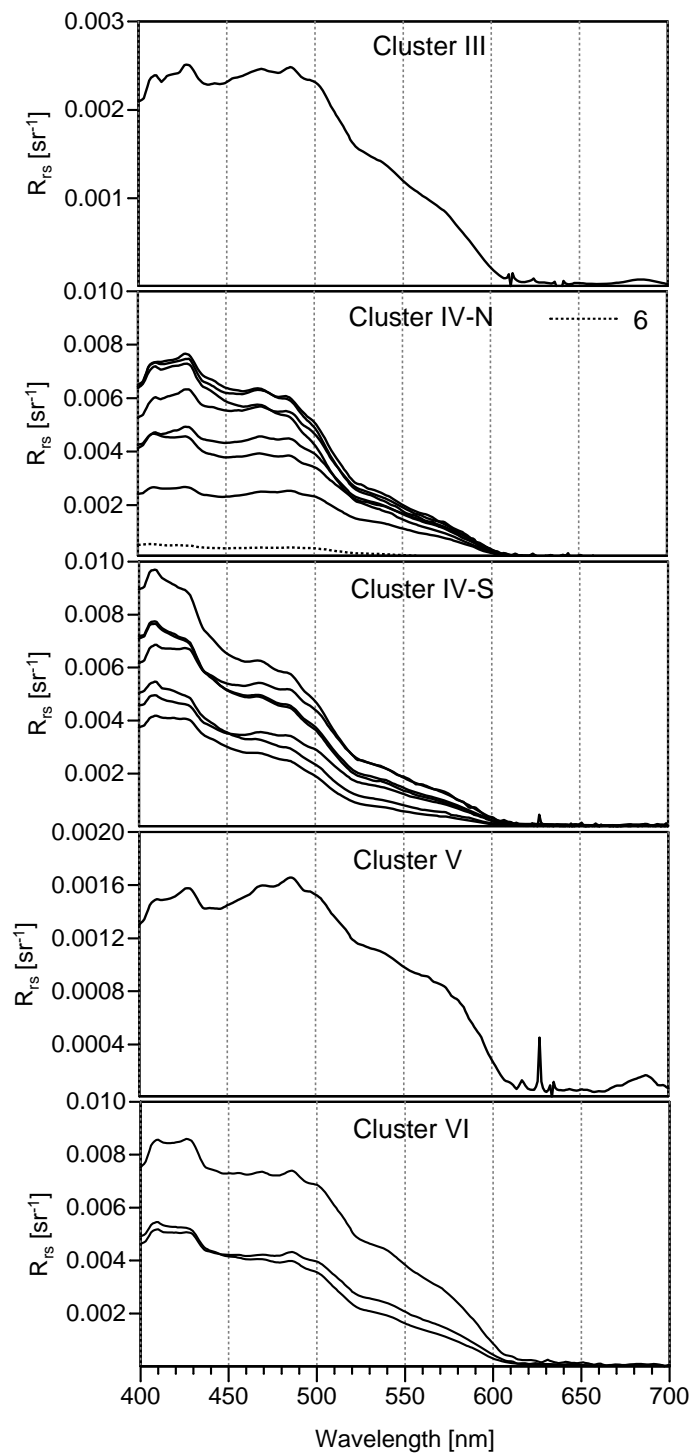


Figure S3: Remote sensing reflectance spectra ($R_{rs}(\lambda)$) of all samples, organised by pigment-based clusters.