

Supplementary Table S3: Relative contribution (%) of diatoms, dinoflagellates (Dinophyceae), Pico- nanophytoplankton, and Prymnesiophytes (Prymnesiophyceae) to total phytoplankton biomass, estimated from the percent of group-specific pigments to total chlorophyll *a* (Chl *a*). Percent contributions are calculated for the mixed layer of each station (mean±SD).

	Diatoms	Dinoflagellates	Pico- nanophytoplankton	Prymnesiophytes
R-2	27.1±1.7	7.9±3	51.8±1.8	22.3±3.7
A3-1	38.5±2	7±0.3	21.3±3.8	6.8±0.8
A3-2	44.1±4.5	13.7±3.6	5.1±0.7	1.4±0.2
A3-3	63.6±1.9	11.9±3.4	6.3±1.3	4.3±1.0
A3-4	55.4±2.7	10.9±1.5	11.8±1.1	6.9±0.7
F-L	48.3±3.6	3.2±0.43	4±1.3	1.6±0.6
E-1	44.1±6.3	7.4±2.7	23±6	8.9±2.2
E-3	37.2±6.5	7.6±4	22.4±13.3	11.8±4.5
E-4E	42¶	5.9¶	13.2¶	4.6¶
E-4W	44.9±2.7	7.9±2.1	11±3.2	2.4±0.8

Diatom: sum of Fucoxanthin and Diatoxanthin. Dinophyceae: sum of Peridin and Diadinoxanthin. Pico- and nanophytoplankton: sum of the pigments used as biomarkers of Chlorophyceae, Cyanobacteries, Pelagophyceae, Prymnesiophyceae, and Prasinophyceae (listed in detail in Supplementary Table 4). Prymnesiophyceae: 19'-Hexanoyloxyfucoxanthin. Pigment data are from Lasbleiz et al. (2014).

¶ Only one data point available for the ML.

