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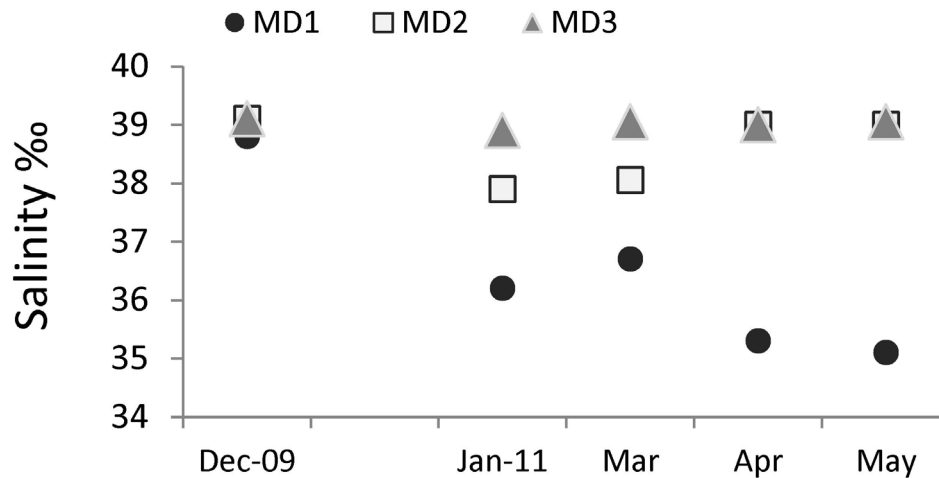
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Supplementary Data

Temporal variability of the microbial food web (viruses to ciliates) under the influence of the Black Sea Water inflow (N. Aegean, E. Mediterranean)

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Supp. Fig. S.1. Temporal variability of salinity at the surface layer of the three stations in North Aegean Sea (mean integrated values for the layer 0.20m).

Supp. Table S.1. Integrated biomass (calculated down to 50 m, $\mu\text{gC L}^{-1}$) of microbial populations in the North Aegean Sea, at all stations (MD1, MD2, MD3) during sampling months. HBA: heterotrophic bacteria, CYANO: cyanobacteria *Synechococcus* and *Prochlorococcus*, AF: autotrophic flagellates, HF: heterotrophic flagellates, CIL: ciliates.

	HBA	CYANO	AF	HF	CIL
MD1					
Dec 09	306.9	212.6	84.9	33.9	-
Jan 11	586.3	222.4	129.5	79.4	14.6
Mar 11	482.2	51.7	48.2	41.2	10.0
Apr 11	687.4	173.5	275.3	122.9	22.5
May 11	829.4	247.1	154.7	82.2	21.1
MD2					
Dec 09	-	118.7	49.5	23.4	-
Jan 11	445.5	131.7	99.2	50.4	30.5
Mar 11	438.8	84.2	80.7	38.2	12.8
Apr 11	670.9	166.6	89.2	61.7	18.6
May 11	465.8	325.2	102.6	110.2	31.5
MD3					
Dec 09	258.2	177.3	29.9	11.5	-
Jan 11	436.9	96.4	83.8	55.1	39.8
Mar 11	355.4	64.5	66.7	35.2	3.4
Apr 11	639.1	248.4	89.0	53.4	26.0
May 11	410.0	258.4	82.3	58.5	45.9