

1 **Supporting Information:**

2 **Table S1.** Phytoplankton community structure assessed by epifluorescence microscopy and
3 expressed as percent of total phytoplankton biomass, in surface waters (2 m) at the time of
4 sampling MBTS stations M1 and M2 in September 2011.

5

6

Phytoplankton Group	M1	M2
<i>Synechococcus</i>	6.4%	19.1%
Red Fluorescing Picoplankton	1.7%	11.1%
Prymnesiophyte	6.4%	5.5%
Autotrophic Flagellate	0.6%	0.0%
Autotrophic Dinoflagellate	26.7%	16.3%
Cryptophyte	5.9%	4.1%
Prasinophyte	0.6%	0.2%
Phaeophyte	2.4%	0.0%
Pennate Diatoms	7.7%	2.5%
Centric Diatoms	41.6%	41.2%

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22