

Supplementary Table S2. Organic carbon and biogenic silica stocks and fluxes in the upper 200m of the sampled stations. POC – Particulate Organic Carbon; ¹³C uptake – Primary Production integrated to 0.01% PAR; BSi – Biogenic Silica; Si uptake integrated to 0.01% PAR; NA-data not available.

Station	Date	POC (mmol m ⁻²) ^a	¹³ C uptake (mmol m ⁻² d ⁻¹) ^b	BSi (mmol m ⁻²) ^b	Si uptake (mmol m ⁻² d ⁻¹) ^b
R-2	26/10	610	13	89	3.8
A3-1	20/10	1300	NA	NA	NA
A3-2	16/11	2267	178	713	58.1
A3-3	19/01	NA	88	2132	11.9
A3-4	12/02	NA	81	603	5.5
F-L	07/11	1106	316	314	30.9
E-1	30/10	1101	49	333	19.6
E-3	04/11	1028	62	286	12
E-4E	13/11	1669	87	427	27.9
E-4W	10/11	1162	252	379	43.2

^a Data from Lasbleiz et al. 2014

^b Data from Lefèvre et al., 2008 (KEOPS1) and Cavagna et al., 2014 (KEOPS2)