Supplementary Material

# Bacterial Community Composition in the Sea Surface Microlayer off the Peruvian Coast

**Birthe Zäncker1\*, Michael Cunliffe2,3, Anja Engel1**

1GEOMAR – Helmholtz Centre for Ocean Research Kiel, Kiel, Germany

2Marine Biological Association of the UK, The Laboratory, Citadel Hill, Plymouth, UK

3Marine Biology and Ecology Research Centre, School of Biological and Marine Sciences, Plymouth University, Plymouth, UK

\***Correspondence:**

Birthe Zäncker

bzaencker@posteo.de

# Supplementary Table

**Table S3:** Concentrations of total and dissolved carbohydrates (T/DCHO) and bacterial abundances across stations during SO243.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Station** | **TCHOSML**  **[nmol l-1]** | **TCHOULW**  **[nmol l-1]** | **DCHOSML**  **[nmol l-1]** | **DCHOULW**  **[nmol l-1]** | **BacteriaSML**  **[105 cells ml-1]** | **BacteriaULW**  **[105 cells ml-1]** |
| 1 | 908.9 | 532.6 | 552.9 | 469.8 | 5.7 | 4.4 |
| 2 | 827.7 | 560.8 | 656.1 | 550.8 | 7.9 | 6.9 |
| 3 | 543.3 | 575.7 | 471.8 | 461.4 | 4.6 | 5.8 |
| 4 | 564.7 | 528.9 | 467.2 | 467.1 | 17.5 | 18.9 |
| 5 | 1204.5 | 1495.0 | 696.3 | 1200.0 | 9.7 | 10.0 |
| 6 | 561.1 | 570.9 | 454.4 | 417.0 | 10.1 | 10.0 |
| 7 | 738.0 | 763.6 | 518.3 | 495.9 | 17.2 | 18.0 |
| 8 | 765.7 | 1389.4 | 351.8 | 529.0 | 6.6 | 6.9 |
| 9 | 654.8 | 672.6 | 385.3 | 500.6 | 5.1 | 6.1 |
| 10 | 550.0 | 463.0 | 416.8 | 455.9 | 7.5 | 7.5 |
| 11 | 592.3 | 767.7 | 384.8 | 288.3 | 5.9 | 6.4 |