**Supplementary Table S4:** Differences in taxa number, cell abundance, and the diversity indexes among the different sites [White Tower (WT); Aretsou Beach (AR); Music Hall coast (MH) and Harbour (HB)] as revealed by paired t-test. (d.f.: degrees of freedom. (\*: *P* < 0.05, \*\*: *P* < 0.01, \*\*\*: *P* < 0.001, ns: non-significant; for all cases *n*=12).

|  |  |  |  |
| --- | --- | --- | --- |
| **Paired Comparisons** | **d.f.** | ***t value*** | ***p value*** |
|  | **Taxa Number** | | |
| WT – AR | 11 | 4.06 | \*\* |
| WT – MH | 11 | 3.61 | \*\* |
| WT – HB | 11 | 1.68 | ns |
| AR – MH | 11 | 0.53 | ns |
| AR – HB | 11 | -1.90 | ns |
| MH – HB | 11 | -3.52 | \*\* |
|  | **Cell Abundance (mL-1)** | | |
| WT – AR | 11 | 3.90 | \*\* |
| WT – MH | 11 | 5.22 | \*\*\* |
| WT – HB | 11 | 1.73 | ns |
| AR – MH | 11 | 1.75 | ns |
| AR – HB | 11 | -1.74 | ns |
| MH – HB | 11 | -2.59 | \* |
|  | **Simpson (1-*D*)** | | |
| WT – AR | 11 | 0.98 | ns |
| WT – MH | 11 | -0.31 | ns |
| WT – HB | 11 | -0.40 | ns |
| AR – MH | 11 | -1.43 | ns |
| AR – HB | 11 | -1.15 | ns |
| MH – HB | 11 | -0.13 | ns |
|  | **Shannon (*H*)** | | |
| WT – AR | 11 | 1.17 | ns |
| WT – MH | 11 | 0.15 | ns |
| WT – HB | 11 | -0.73 | ns |
| AR – MH | 11 | -1.34 | ns |
| AR – HB | 11 | -1.48 | ns |
| MH – HB | 11 | -0.88 | ns |
|  | **Equitability (*H/Hmax*)** | | |
| WT – AR | 11 | 0.71 | ns |
| WT – MH | 11 | -0.77 | ns |
| WT – HB | 11 | -1.02 | ns |
| AR – MH | 11 | -1.60 | ns |
| AR – HB | 11 | -1.19 | ns |
| MH – HB | 11 | -0.15 | ns |
|  | **Evenness (*eH/S*)** | | |
| WT – AR | 11 | -0.26 | ns |
| WT – MH | 11 | -1.36 | ns |
| WT – HB | 11 | -1.36 | ns |
| AR – MH | 11 | -1.26 | ns |
| AR – HB | 11 | -0.64 | ns |
| MH – HB | 11 | 0.28 | ns |

**Table (continued):**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Berger-Parker (*BP*)** | | |
| WT – AR | 11 | -0.83 | ns |
| WT – MH | 11 | 0.35 | ns |
| WT – HB | 11 | 0.60 | ns |
| AR – MH | 11 | 1.48 | ns |
| AR – HB | 11 | 1.17 | ns |
| MH – HB | 11 | 0.21 | ns |