**Supplementary Table S2:** Number of OTUs, number of reads, the richness estimator (SChao1) and the heterogeneity of the α-diversity estimators (Simpson, Shannon and Evenness) of the common sampling dates at White Tower, Aretsou, Music Hall, and Harbour sampling sites. The total and average number of OTUs, number of reads and average values of the alpha diversity estimators are also shown. N/A: Not Applicable.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample Date / White Tower** | **Sample Code** | **Number of OTUs** | **Number of Reads** | **SChao1** | **Observed / Expected OTUs** | **Simpson (1-*D*)** | **Shannon (*H*)** | **Evenness (*eH/S*)** |
| 12 April 2017 | 12AprWT | 163 | 11892 | 208.2 | 0.78 | 0.56 | 1.58 | 0.03 |
| 09 May 2017 | 09MayWT | 259 | 10913 | 275.1 | 0.94 | 0.90 | 3.42 | 0.12 |
| 07 June 2017 | 07JunWT | 146 | 6724 | 160.0 | 0.91 | 0.78 | 2.43 | 0.08 |
| 28 June 2017 | 28JunWT | 94 | 12397 | 100.3 | 0.94 | 0.36 | 0.99 | 0.03 |
| 26 July 2017 | 26JulWT | 292 | 12326 | 299.3 | 0.98 | 0.95 | 3.81 | 0.15 |
| 23 August 2017 | 23AugWT | 378 | 9957 | 418.0 | 0.90 | 0.84 | 3.28 | 0.07 |
| 20 September 2017 | 20SepWT | 127 | 2457 | 145.1 | 0.88 | 0.48 | 1.77 | 0.05 |
| 18 October 2017 | 18OctWT | 278 | 5987 | 361.1 | 0.77 | 0.88 | 3.35 | 0.10 |
| 15 November 2017 | 15NovWT | 264 | 10722 | 302.3 | 0.87 | 0.71 | 2.39 | 0.04 |
| 13 December 2017 | 13DecWT | 154 | 9423 | 173.3 | 0.89 | 0.78 | 2.26 | 0.06 |
| 10 January 2017 | 10JanWT | 245 | 12735 | 253.4 | 0.97 | 0.92 | 3.38 | 0.12 |
| 06 February 2017 | 06FebWT | 210 | 12989 | 232.6 | 0.90 | 0.59 | 1.93 | 0.03 |
| **Total** | | **1153** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Average ± SD** | | **217.5 ± 82.7** | **9877 ± 3253** | N/A | N/A | **0.73 ± 0.19** | **2.55 ± 0.89** | **0.07 ± 0.04** |
| **Sample Date / Aretsou Beach** | **Sample Code** | **Number of OTUs** | **Number of Reads** | **SChao1** | **Observed / Expected OTUs** | **Simpson (1-*D*)** | **Shannon (*H*)** | **Evenness (*eH/S*)** |
| 12 April 2017 | 12AprAR | 137 | 9015 | 138.5 | 0.99 | 0.73 | 2.42 | 0.08 |
| 09 May 2017 | 09MayAR | 292 | 11376 | 311.4 | 0.94 | 0.89 | 3.48 | 0.11 |
| 07 June 2017 | 07JunAR | 166 | 8470 | 193.8 | 0.86 | 0.77 | 2.48 | 0.07 |
| 28 June 2017 | 28JunAR | 152 | 13147 | 162.6 | 0.93 | 0.51 | 1.60 | 0.03 |
| 26 July 2017 | 26JulAR | 220 | 7677 | 230.3 | 0.96 | 0.92 | 3.37 | 0.13 |
| 23 August 2017 | 23AugAR | 284 | 9425 | 303.9 | 0.93 | 0.74 | 2.61 | 0.05 |
| 20 September 2017 | 20SepAR | 325 | 8163 | 347.5 | 0.94 | 0.96 | 4.19 | 0.20 |
| 18 October 2017 | 18OctAR | 401 | 6023 | 465.2 | 0.86 | 0.96 | 4.30 | 0.18 |
| 15 November 2017 | 15NovAR | 320 | 12336 | 348.9 | 0.92 | 0.89 | 3.37 | 0.09 |
| 13 December 2017 | 13DecAR | 107 | 11981 | 111.2 | 0.96 | 0.60 | 1.59 | 0.05 |
| 10 January 2017 | 10JanAR | 310 | 12194 | 329.8 | 0.94 | 0.94 | 3.86 | 0.15 |
| 06 February 2017 | 06FebAR | 211 | 11189 | 216.8 | 0.97 | 0.82 | 2.60 | 0.06 |
| **Total** | | **1195** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Average ± SD** | | **243.8 ± 87.4** | **10083 ± 2151.6** | N/A | N/A | **0.81 ± 0.14** | **2.99 ± 0.88** | **0.1 ± 0.05** |
| **Sample Date / Music Hall coast** | **Sample Code** | **Number of OTUs** | **Number of Reads** | **SChao1** | **Observed / Expected OTUs** | **Simpson (1-*D*)** | **Shannon (*H*)** | **Evenness (*eH/S*)** |
| 12 April 2017 | 12AprMH | 204 | 10748 | 226.9 | 0.90 | 0.89 | 2.97 | 0.10 |
| 09 May 2017 | 09MayMH | 279 | 9017 | 308 | 0.91 | 0.88 | 3.53 | 0.12 |
| 07 June 2017 | 07JunMH | 271 | 8337 | 294.5 | 0.92 | 0.93 | 3.57 | 0.13 |
| 28 June 2017 | 28JunMH | 226 | 12157 | 235.7 | 0.96 | 0.86 | 2.87 | 0.08 |
| 26 July 2017 | 26JulMH | 246 | 9672 | 263.1 | 0.94 | 0.91 | 3.39 | 0.12 |
| 23 August 2017 | 23AugMH | 256 | 7602 | 273.8 | 0.93 | 0.76 | 2.74 | 0.06 |
| 20 September 2017 | 20SepMH | 238 | 8111 | 252.4 | 0.94 | 0.83 | 3.16 | 0.10 |
| 18 October 2017 | 18OctMH | 368 | 5291 | 472.8 | 0.78 | 0.94 | 4.08 | 0.16 |
| 15 November 2017 | 15NovMH | 420 | 12664 | 478 | 0.88 | 0.84 | 3.31 | 0.07 |
| 13 December 2017 | 13DecMH | 251 | 12887 | 263.4 | 0.95 | 0.77 | 2.40 | 0.04 |
| 10 January 2017 | 10JanMH | 175 | 9782 | 178.6 | 0.98 | 0.84 | 2.79 | 0.09 |
| 06 February 2017 | 06FebMH | 215 | 12860 | 231.7 | 0.93 | 0.86 | 2.85 | 0.08 |
| **Total** | | **1362** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Average ± SD** | | **262.4 ± 65.8** | **9927 ± 2311.9** | N/A | N/A | **0.86 ± 0.05** | **2.64 ± 1.26** | **0.1 ± 0.03** |

**Table S2 (continue):**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample Date / Harbour** | **Sample Code** | **Number of OTUs** | **Number of Reads** | **SChao1** | **Observed / Expected OTUs** | **Simpson (1-*D*)** | **Shannon (*H*)** | **Evenness (*eH/S*)** |
| 12 April 2017 | 12AprHB | 183 | 13317 | 219 | 0.84 | 0.61 | 2.00 | 0.04 |
| 09 May 2017 | 09MayHB | 291 | 12479 | 324.6 | 0.90 | 0.90 | 3.35 | 0.10 |
| 07 June 2017 | 07JunHB | 204 | 9793 | 219.8 | 0.93 | 0.71 | 2.47 | 0.06 |
| 28 June 2017 | 28JunHB | 162 | 13343 | 178.6 | 0.91 | 0.64 | 1.95 | 0.04 |
| 26 July 2017 | 26JulHB | 299 | 11840 | 311.7 | 0.96 | 0.94 | 3.79 | 0.15 |
| 23 August 2017 | 23AugHB | 286 | 5055 | 293.1 | 0.98 | 0.90 | 3.66 | 0.14 |
| 20 September 2017 | 20SepHB | 218 | 7624 | 242.1 | 0.90 | 0.66 | 2.40 | 0.05 |
| 18 October 2017 | 18OctHB | 150 | 5186 | 201.2 | 0.75 | 0.49 | 1.64 | 0.03 |
| 15 November 2017 | 15NovHB | 111 | 12171 | 120.5 | 0.92 | 0.81 | 2.19 | 0.08 |
| 13 December 2017 | 13DecHB | 268 | 13496 | 331.1 | 0.81 | 0.73 | 2.21 | 0.03 |
| 10 January 2017 | 10JanHB | 199 | 12439 | 223.1 | 0.89 | 0.83 | 2.77 | 0.08 |
| 06 February 2017 | 06FebHB | 152 | 11091 | 161.2 | 0.94 | 0.80 | 2.52 | 0.08 |
| **Total** | | **1071** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Average ± SD** | | **210.3 ± 60.3** | **10653 ± 2943.7** | N/A | N/A | **0.75 ± 0.13** | **2.58 ± 0.66** | **0.07 ± 0.04** |