**Supplementary Table S1:** Number of OTUs, number of reads, the richness estimator (SChao1) and the heterogeneity of the α-diversity estimators (Simpson, Shannon and Evenness) of all samples at White Tower sampling site. 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*)** |
| 15 March 2017 | 15MarWT | 143 | 9230 | 166.2 | 0.86 | 0.63 | 1.77 | 0.04 |
| 22 March 2017 | 22MarWT | 44 | 13834 | 59.8 | 0.74 | 0.03 | 0.12 | 0.03 |
| 29 March 2017 | 29MarWT | 216 | 13554 | 232.4 | 0.93 | 0.70 | 1.99 | 0.03 |
| 05 April 2017 | 05AprWT | 182 | 10906 | 194.1 | 0.94 | 0.77 | 2.37 | 0.06 |
| 12 April 2017 | 12AprWT | 163 | 11892 | 208.2 | 0.78 | 0.56 | 1.58 | 0.03 |
| 19 April 2017 | 19AprWT | 223 | 9945 | 233.8 | 0.95 | 0.89 | 3.28 | 0.12 |
| 26 April 2017 | 26AprWT | 262 | 10201 | 274.6 | 0.95 | 0.81 | 3.08 | 0.08 |
| 03 May 2017 | 03MayWT | 281 | 10476 | 290.3 | 0.97 | 0.84 | 3.24 | 0.09 |
| 09 May 2017 | 09MayWT | 259 | 10913 | 275.1 | 0.94 | 0.90 | 3.42 | 0.12 |
| 17 May 2017 | 17MayWT | 205 | 10872 | 227.5 | 0.90 | 0.60 | 1.97 | 0.03 |
| 24 May 2017 | 24MayWT | 162 | 7647 | 166.9 | 0.97 | 0.85 | 2.92 | 0.11 |
| 31 May 2017 | 31MayWT | 158 | 9999 | 171.5 | 0.92 | 0.83 | 2.82 | 0.11 |
| 07 June 2017 | 07JunWT | 146 | 6724 | 160.0 | 0.91 | 0.78 | 2.43 | 0.08 |
| 14 June 2017 | 14JunWT | 208 | 9599 | 242.5 | 0.86 | 0.84 | 2.87 | 0.08 |
| 21 June 2017 | 21JunWT | 242 | 10317 | 258.0 | 0.94 | 0.86 | 2.95 | 0.08 |
| 28 June 2017 | 28JunWT | 94 | 12397 | 100.3 | 0.94 | 0.36 | 0.99 | 0.03 |
| 04 July 2017 | 04JulWT | 292 | 11367 | 307.2 | 0.95 | 0.81 | 3.07 | 0.07 |
| 12 July 2017 | 12JulWT | 256 | 11404 | 280.8 | 0.91 | 0.84 | 2.94 | 0.07 |
| 19 July 2017 | 19JulWT | 294 | 12111 | 317.5 | 0.93 | 0.88 | 3.17 | 0.08 |
| 26 July 2017 | 26JulWT | 292 | 12326 | 299.3 | 0.98 | 0.95 | 3.81 | 0.15 |
| 02 August 2017 | 02AugWT | 325 | 6714 | 338.6 | 0.96 | 0.93 | 4.01 | 0.17 |
| 09 August 2017 | 09AugWT | 202 | 7131 | 249.2 | 0.81 | 0.90 | 3.13 | 0.11 |
| 23 August 2017 | 23AugWT | 378 | 9957 | 418.0 | 0.90 | 0.84 | 3.28 | 0.07 |
| 30 August 2017 | 30AugWT | 292 | 7429 | 300.4 | 0.97 | 0.94 | 3.92 | 0.17 |
| 06 September 2017 | 06SepWT | 331 | 8183 | 346.7 | 0.95 | 0.85 | 3.65 | 0.12 |
| 13 September 2017 | 13SepWT | 243 | 10729 | 254.2 | 0.96 | 0.93 | 3.60 | 0.15 |
| 20 September 2017 | 20SepWT | 127 | 2457 | 145.1 | 0.88 | 0.48 | 1.77 | 0.05 |
| 27 September 2017 | 27SepWT | 376 | 6642 | 402.4 | 0.93 | 0.87 | 3.77 | 0.12 |
| 04 October 2017 | 04OctWT | 269 | 4617 | 325.6 | 0.83 | 0.93 | 3.85 | 0.17 |
| 11 October 2017 | 11OctWT | 331 | 4452 | 422.7 | 0.78 | 0.95 | 4.24 | 0.21 |
| 18 October 2017 | 18OctWT | 278 | 5987 | 361.1 | 0.77 | 0.88 | 3.35 | 0.10 |
| 25 October 2017 | 25OctWT | 276 | 9187 | 321.4 | 0.86 | 0.84 | 3.06 | 0.08 |
| 01 November 2017 | 01NovWT | 215 | 4681 | 230.3 | 0.93 | 0.95 | 3.84 | 0.22 |
| 08 November 2017 | 08NovWT | 252 | 10253 | 287.2 | 0.88 | 0.74 | 2.59 | 0.05 |
| 15 November 2017 | 15NovWT | 264 | 10722 | 302.3 | 0.87 | 0.71 | 2.39 | 0.04 |
| 22 November 2017 | 22NovWT | 313 | 8881 | 330.7 | 0.95 | 0.82 | 3.37 | 0.09 |
| 29 November 2017 | 29NovWT | 335 | 9991 | 360.7 | 0.93 | 0.85 | 3.41 | 0.09 |
| 06 December 2017 | 06DecWT | 267 | 6139 | 279.1 | 0.96 | 0.88 | 3.54 | 0.13 |
| 13 December 2017 | 13DecWT | 154 | 9423 | 173.3 | 0.89 | 0.78 | 2.26 | 0.06 |
| 19 December 2017 | 19DecWT | 202 | 11042 | 210.4 | 0.96 | 0.80 | 2.53 | 0.06 |
| 27 December 2017 | 27DecWT | 297 | 6472 | 306.2 | 0.97 | 0.96 | 4.29 | 0.24 |
| 03 January 2018 | 03JanWT | 257 | 8709 | 274.4 | 0.94 | 0.93 | 3.69 | 0.16 |
| 10 January 2018 | 10JanWT | 245 | 12735 | 253.4 | 0.97 | 0.92 | 3.38 | 0.12 |
| 17 January 2018 | 17JanWT | 520 | 12925 | 591.3 | 0.88 | 0.98 | 4.64 | 0.20 |
| 24 January 2018 | 24JanWT | 220 | 6903 | 232.1 | 0.95 | 0.85 | 3.34 | 0.13 |
| 31 January 2018 | 31JanWT | 319 | 13042 | 341.7 | 0.93 | 0.91 | 3.70 | 0.13 |
| 06 February 2018 | 06FebWT | 210 | 12989 | 232.6 | 0.90 | 0.59 | 1.93 | 0.03 |
| **Total** | | **2256** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Average ± SD** | | **247.2 ± 81** | **9449 ± 2667.6** | N/A | N/A | **0.8 ± 0.17** | **3.09 ± 0.69** | **0.1 ± 0.05** |