**S11 Table. Tissue concentrations (in μg kg-1 dry weight) of six organotins (OTs): monobutyltin (MBT), dibutyltin (DBT), tributyltin (TBT), monophenyltin (MPT), diphenyltin (DPT) and triphenyltin (TPT) in *Reishia clavigera* collected in 2004–06 (site 1–27 from Leung et al. (2006) and site 28–29 from Qiu et al. (2011, summer data only)), 2010 and 2015 from Hong Kong.** Total butyltins (total BTs; sum of MBT, DBT and TBT), total phenyltins (total PTs; sum of MPT, DPT and TPT) and total OTs (sum of all six OTs) were listed. All values have been transformed into the unit of μg kg-1 dry weight. N.A. means data not available, N.E. means not evaluated and B.D.L. means data below detection limit.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Site** | **2004–06** |  | **2010** |  |  |  |  |  |  |  |  |  |  | **2015** |
| **MBT** | **DBT** | **TBT** | **Total BTs** |  | **MBT** | **DBT** | **TBT** | **Total BTs** | **MPT** | **DPT** | **TPT** | **Total PTs** |  | **Total OTs** |  | **MBT** | **DBT** | **TBT** | **Total BTs** | **MPT** | **DPT** | **TPT** | **Total PTs** | **Total OTs** |
| 1 | Kat O | 44.8  | 63.6  | 22.7  | 131.1  |  | 6.4  | 21.5  | 9.5  | 37.4  | 88.4  | 17.0  | 1077.6  | 1183.0  |  | 1220.4  |  | N.E. |
| 2 | Pak Sha Chau | 31.3  | 39.8  | 20.8  | 91.9  |  | 5.9  | 21.1  | 16.0  | 43.1  | 41.7  | 16.3  | 1195.2  | 1253.2  |  | 1296.3  |  | N.E. |
| 3 | Chek Chau | B.D.L.  | B.D.L.  | B.D.L.  |  B.D.L.  |  | 5.1  | 18.8  | 8.0  | 31.9  | 34.0  | 268.0  | 279.5  | 581.6  |  | 613.5  |  | N.E. |
| 4 | Wu Kwai Sha | 159.5  | B.D.L.  | 9.3  | > 168.8 |  | 3.8  | 25.7  | 12.3  | 41.7  | 24.0  | 25.9  | 2164.7  | 2214.6  |  | 2256.4  |  | N.E. |
| 5 | Heng On | B.D.L. | 33.2 | B.D.L. | > 33.2 |  | N.A. |  |  | N.A. |
| 6 | Wong Mau Chau | 106.5  | 23.9  | 4.4  | 134.8  |  | 6.0  | 13.2  | 11.3  | 30.6  | 55.8  | 22.6  | 2603.1  | 2681.4  |  | 2712.0  |  | N.E. |
| 7 | Kong Tau Pai | 48.8  | 12.4  | 4.4  | 65.5  |  | 3.9  | 14.9  | 5.8  | 24.6  | 31.3  | 18.8  | 541.2  | 591.2  |  | 615.8  |  | N.E. |
| 8 | Sai Kung Pier | 65.8  | 108.0  | 36.2  | 209.9  |  | 4.8  | 13.5  | 47.1  | 65.4  | 76.5  | 29.0  | 11108.0  | 11213.5  |  | 11278.9  |  | 58.2 | 23.5 | 6.3 | 88.0 | 64.9 | 25.3 | 15059.6 | 15149.8 | 15304.9 |
| 9 | UST | 24.0  | 36.5  | 12.2  | 72.7  |  | 7.5  | 18.1  | 28.1  | 53.7  | 92.5  | 25.3  | 4216.8  | 4334.7  |  | 4388.4  |  | N.E. |
| 10 | Clear Water Bay | B.D.L.  | B.D.L.  | B.D.L.  | N.A.  |  | 1.4  | 10.4  | 10.3  | 22.1  | 14.0  | 27.5  | 457.8  | 499.3  |  | 521.4  |  | 12.6 | 22.5 | B.D.L. | 35.3 | 40.8 | B.D.L. | 701.1 | 742.3 | 777.6 |
| 11 | Shek Mei Tao | 33.4  | 39.1  | B.D.L.  | > 72.5  |  | 6.3  | 16.7  | 16.6  | 39.5  | 34.4  | 26.5  | 1951.9  | 2012.7  |  | 2052.3  |  | N.E. |
| 12 | Tung Lung Island | 61.1  | 56.9  | 14.2  | 132.2  |  | 2.7  | 8.7  | 19.8  | 31.2  | 69.2  | 60.4  | 881.3  | 1011.0  |  | 1042.2  |  | N.E. |
| 13 | Waglan Island | 17.8  | 11.0  | 5.9  | 34.6  |  | 2.6  | 9.1  | 17.5  | 29.2  | 29.8  | 29.0  | 498.0  | 556.9  |  | 586.2  |  | N.E. |
| 14 | Po Toi | 56.0  | 34.5  | 9.8  | 100.4  |  | 10.0  | 22.0  | 52.9  | 84.8  | 48.6  | 31.8  | 1482.4  | 1562.8  |  | 1647.7  |  | 18.0 | 21.2 | 17.2 | 56.4 | 27.8 | B.D.L. | 1079.1 | 1107.4 | 1163.9 |
| 15 | Shek O | B.D.L.  | B.D.L.  | 10.5  | > 10.5  |  | 4.1  | 14.6  | 22.1  | 40.8  | 18.8  | 31.0  | 227.9  | 277.7  |  | 318.5  |  | B.D.L. | B.D.L. | 4.4 | 5.5 | 25.7 | B.D.L. | 612.4 | 638.6 | 643.9 |
| 16 | Turtle Cove | 40.5  | 12.6  | 14.7  | 67.7  |  | 4.5  | 14.0  | 23.2  | 41.7  | 52.7  | 44.8  | 3081.7  | 3179.2  |  | 3220.9  |  | 12.9 | 27.1 | B.D.L. | 40.1 | 23.3 | 1.8 | 1264.6 | 1289.8 | 1329.9 |
| 17 | Chung Hum Kok | 31.6  | 25.9  | 7.8  | 65.3  |  | 14.7  | 67.1  | 38.1  | 120.0  | 87.3  | 45.0  | 6133.4  | 6265.7  |  | 6385.7  |  | N.E. |
| 18 | Repulse Bay | 499.0  | 64.8  | 24.2  | 588.0  |  | 10.3  | 21.7  | 35.7  | 67.6  | 35.5  | 14.6  | 456.6  | 506.6  |  | 574.2  |  | N.E. |
| 19 | Deep Water Bay | 41.7  | 65.9  | 32.0  | 139.6  |  | 10.1  | 25.3  | 44.7  | 80.1  | 40.3  | 30.9  | 1244.3  | 1315.5  |  | 1395.6  |  | 16.5 | 21.2 | 23.0 | 60.7 | 49.0 | B.D.L. | 2589.9 | 2639.4 | 2700.0 |
| 20 | Aberdeen | 1038.9  | 387.3  | 40.8  | 1466.9  |  | 12.1  | 33.1  | 51.5  | 96.7  | 78.6  | 43.5  | 3751.0  | 3873.0  |  | 3969.7  |  | 137.6 | 48.7 | 38.2 | 224.5 | 63.4 | 17.4 | 8607.1 | 8687.9 | 8912.3 |
| 21 | Sok Kwu Wan | 57.5  | 96.2  | 30.3  | 184.0  |  | 9.2  | 25.4  | 90.8  | 125.4  | 56.4  | 32.4  | 7315.2  | 7404.0  |  | 7529.4  |  | 85.6 | 24.8 | 20.5 | 130.9 | 80.6 | 5.4 | 3644.6 | 3730.6 | 3861.5 |
| 22 | Ha Mei Wan | 160.7  | 77.3  | 44.7  | 282.8  |  | 0.8  | 5.3  | 16.2  | 22.4  | 14.7  | 19.8  | 579.8  | 614.3  |  | 636.7  |  | N.E. |
| 23 | Mui Wo | 40.3  | 283.0  | 26.6  | 350.0  |  | 8.0  | 38.5  | 43.0  | 89.5  | 33.6  | 31.5  | 1731.3  | 1796.4  |  | 1885.9  |  | N.E. |
| 24 | Cheung Sha | 21.1  | 70.1  | 14.2  | 105.3  |  | 3.1  | 10.7  | 38.2  | 52.0  | 35.0  | 22.2  | 1075.2  | 1132.5  |  | 1184.5  |  | N.E. |
| 25 | Tai O | 31.1  | 111.5  | 38.6  | 181.2  |  | 3.2  | 24.6  | 39.0  | 66.8  | 17.0  | 26.0  | 635.2  | 678.2  |  | 744.9  |  | N.E. |
| 26 | Butterfly Beach | 63.2  | 258.5  | 44.7  | 366.4  |  | 8.1  | 36.0  | 240.1  | 284.2  | 68.6  | 30.1  | 1951.8  | 2050.5  |  | 2334.8  |  | 37.0 | 48.4 | 117.3 | 202.7 | 30.6 | 8.6 | 7467.6 | 7506.8 | 7709.4 |
| 27 | Kadoorie Beach | 60.9  | 114.8  | 37.6  | 213.4  |  | 7.5  | 52.2  | 422.0  | 481.7  | 35.0  | 15.5  | 2373.2  | 2423.7  |  | 2905.4  |  | 66.0 | 49.4 | 112.9 | 228.4 | 26.8 | 6.3 | 5198.5 | 5231.6 | 5460.0 |
| 28 | Pak Sha Wan | 18.0  | 125.1  | 59.2  | 202.3  |  | 1.7  | 18.4  | 49.3  | 69.4  | 18.0  | 39.3  | 1610.5  | 1667.8  |  | 1737.2  |  | N.E. |
| 29 | Waterfall Bay | 7.8  | 102.9  | 53.3  | 164.1  |  | 17.8  | 47.3  | 147.6  | 212.7  | 113.5  | 54.3  | 4359.5  | 4527.4  |  | 4740.1  |  | N.E. |