**S1 Table.** **Geographical and morphological information of *Reishia clavigera* collected in Hong Kong in 2010.** N.A. means data not available.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site** | **GPS coordinates** | ***N*** | **(Male:Female)** | **Sampling date** |
|  |  | **Latitude** | **Longitude** |  |  |  |
| 1 | Kat O | 22°33'03.8"N  | 114°17'50.1"E | 40 | (15:25) | 2010.8.9 |
| 2 | Pak Sha Chau | 22°32'31.0"N  | 114°19'52.1"E | 40 | (26:14) | 2010.8.9 |
| 3 | Chek Chau | 22°30'14.5"N  | 114°21'44.6"E | 40 | (19:21) | 2010.8.9 |
| 4 | Wu Kwai Sha | 22°26'04.9"N  | 114°14'49.3"E | 40 | (22:18) | 2010.7.29 |
| 5 | Heng On | 22°24'26.4"N  | 114°13'09.1"E | 0 | N.A. | 2010.7.29 |
| 6 | Wong Mau Chau | 22°26'54.4"N  | 114°23'42.7"E | 17 | (6:11) | 2010.8.9 |
| 7 | Kong Tau Pai | 22°20'21.1"N  | 114°22'28.3"E | 40 | (14:26) | 2010.9.8 |
| 8 | Sai Kung Pier | 22°23'01.5"N  | 114°16'38.0"E | 40 | (22:18) | 2010.7.29 |
| 9 | UST | 22°20'18.7"N | 114°16'01.1"E | 36 | (16:20) | 2010.8.6 |
| 10 | Clear Water Bay | 22°17'24.9"N | 114°17'25.2"E | 40 | (19:21) | 2010.8.6 |
| 11 | Shek Mei Tao | 22°16'40.7"N  | 114°17'51.9"E | 40 | (16:24) | 2010.8.6 |
| 12 | Tung Lung Island | 22°15'29.8"N | 114°17'34.3"E | 40 | (15:25) | 2010.9.6 |
| 13 | Waglan Island | 22°10'58.6"N | 114°18'10.0"E | 40 | (7:33) | 2010.9.6 |
| 14 | Po Toi | 22°09'47.6"N | 114°15'12.4"E | 40 | (23:17) | 2010.9.6 |
| 15 | Shek O | 22°13'43.5"N | 114°15'12.7"E | 40 | (23:17) | 2010.6.14 |
| 16 | Turtle Cove | 22°13'57.0"N | 114°13'26.7"E | 40 | (20:20) | 2010.6.14 |
| 17 | Chung Hum Kok | 22°13'00.5"N  | 114°12'05.9"E | 40 | (22:18) | 2010.6.15 |
| 18 | Repulse Bay | 22°14'04.4"N | 114°11'52.9"E | 40 | (10:30) | 2010.6.15 |
| 19 | Deep Water Bay | 22°14'31.5"N | 114°11'14.2"E | 40 | (20:20) | 2010.6.15 |
| 20 | Aberdeen | 22°14'11.5"N | 114°09'14.7"E | 40 | (19:21) | 2010.7.26 |
| 21 | Sok Kwu Wan | 22°12'13.2"N | 114°07'44.5"E | 35 | (20:15) | 2010.6.24 |
| 22 | Ha Mei Wan | 22°12'13.1"N | 114°07'18.7"E | 40 | (13:27) | 2010.6.24 |
| 23 | Mui Wo | 22°16'18.3"N  | 114°00'13.7"E | 40 | (21:19) | 2010.6.11 |
| 24 | Cheung Sha | 22°13'54.2"N  | 113°57'26.3"E | 40 | (21:19) | 2010.6.11 |
| 25 | Tai O | 22°14'45.6"N | 113°51'37.1"E | 40 | (17:23) | 2010.6.11 |
| 26 | Butterfly Beach | 22°22'22.4"N | 113°57'36.4"E | 40 | (17:23) | 2010.5.27 |
| 27 | Kadoorie Beach | 22°22'32.9"N | 113°58'56.4"E | 36 | (15:21) | 2010.5.27 |
| 28 | Pak Sha Wan | 22°21'45.7"N | 114°15'35.5"E | 40 | (21:19) | 2010.7.29 |
| 29 | Waterfall Bay | 22°15'08.1"N | 114°07'58.8"E | 40 | (25:15) | 2010.7.26 |

**S1 Table**. (continued)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Site** | **Male** |   |   |   |   |   |   |   |   |   | **Female** |   |   |   |   |   |  |  |  |
|  |  | **Shell length (mm)** | **Tissue weight (g)** | **Penis length (mm)** |  | **Shell length (mm)** | **Tissue weight (g)** | **Penis length (mm)** |
|  |  | **Mean** | ± | **SD** | **Mean** | ± | **SD** | **Mean** | ± | **SD** |  | **Mean** | ± | **SD** | **Mean** | ± | **SD** | **Mean** | ± | **SD** |
| 1 | Kat O | 29.2  | ± | 2.8  | 0.868 | ± | 0.308 | 13.03  | ± | 2.13  |  | 30.0  | ± | 2.8  | 0.923 | ± | 0.238 | 5.91 | ± | 1.76 |
| 2 | Pak Sha Chau | 24.9  | ± | 2.3  | 0.620 | ± | 0.177 | 12.41  | ± | 2.59  |  | 26.0  | ± | 3.1  | 0.714 | ± | 0.211 | 5.38 | ± | 1.07 |
| 3 | Chek Chau | 28.6  | ± | 4.0  | 0.902 | ± | 0.403 | 14.27  | ± | 4.02  |  | 29.0  | ± | 4.3  | 0.941 | ± | 0.434 | 5.16 | ± | 1.74 |
| 4 | Wu Kwai Sha | 27.8  | ± | 2.3  | 0.903 | ± | 0.262 | 13.32  | ± | 4.41  |  | 29.6  | ± | 2.1  | 0.966 | ± | 0.211 | 5.21 | ± | 2.31 |
| 5 | Heng On | N.A. |
| 6 | Wong Mau Chau | 28.2  | ± | 5.1  | 0.669 | ± | 0.328 | 11.83  | ± | 6.55  |  | 30.1  | ± | 3.6  | 1.005 | ± | 0.364 | 4.1 | ± | 1.61 |
| 7 | Kong Tau Pai | 22.9  | ± | 1.9  | 0.460 | ± | 0.082 | 10.89  | ± | 4.62  |  | 24.7  | ± | 2.2  | 0.622 | ± | 0.188 | 4.35 | ± | 1.34 |
| 8 | Sai Kung Pier | 28.9  | ± | 3.1  | 0.723 | ± | 0.287 | 10.83  | ± | 2.98  |  | 28.6  | ± | 2.7  | 0.744 | ± | 0.172 | 10.63 | ± | 2.81 |
| 9 | UST | 25.4  | ± | 3.4  | 0.634 | ± | 0.279 | 10.90  | ± | 2.24  |  | 26.7  | ± | 3.9  | 0.692 | ± | 0.239 | 8.57 | ± | 1.25 |
| 10 | Clear Water Bay | 25.2  | ± | 2.7  | 0.598 | ± | 0.217 | 13.25  | ± | 4.78  |   | 25.4  | ± | 2.8  | 0.660 | ± | 0.216 | 3.41 | ± | 2.38 |
| 11 | Shek Mei Tao | 29.4  | ± | 2.9  | 0.937 | ± | 0.283 | 13.19  | ± | 3.48  |  | 28.9  | ± | 3.8  | 0.879 | ± | 0.430 | 4.24 | ± | 1.86 |
| 12 | Tung Lung Island | 29.8  | ± | 2.9  | 0.876 | ± | 0.247 | 14.93  | ± | 4.69  |  | 28.8  | ± | 2.3  | 0.806 | ± | 0.227 | 7.58 | ± | 2.51 |
| 13 | Waglan Island | 27.4  | ± | 4.4  | 0.847 | ± | 0.300 | 16.12  | ± | 4.72  |  | 28.0  | ± | 3.5  | 0.899 | ± | 0.350 | 3.68 | ± | 1.34 |
| 14 | Po Toi | 27.9  | ± | 2.2  | 0.764 | ± | 0.159 | 14.51  | ± | 2.60  |  | 27.5  | ± | 2.9  | 0.748 | ± | 0.203 | 4.06 | ± | 1.68 |
| 15 | Shek O | 25.8  | ± | 3.5  | 0.788 | ± | 0.278 | 14.66  | ± | 2.66  |   | 28.0  | ± | 3.4  | 0.982 | ± | 0.295 | 8.29 | ± | 2.83 |
| 16 | Turtle Cove | 27.5  | ± | 2.8  | 0.785 | ± | 0.259 | 12.80  | ± | 3.44  |  | 26.9  | ± | 3.7  | 0.778 | ± | 0.384 | 4.36 | ± | 1.37 |
| 17 | Chung Hum Kok | 25.4  | ± | 2.8  | 0.728 | ± | 0.245 | 14.06  | ± | 2.45  |  | 25.1  | ± | 2.3  | 0.665 | ± | 0.195 | 6.7 | ± | 1.79 |
| 18 | Repulse Bay | 24.2  | ± | 1.8  | 0.618 | ± | 0.141 | 12.77  | ± | 2.11  |  | 25.7  | ± | 3.9  | 0.779 | ± | 0.349 | 6.12 | ± | 1.64 |
| 19 | Deep Water Bay | 29.2  | ± | 4.3  | 0.706 | ± | 0.293 | 11.42  | ± | 3.26  |  | 29.5  | ± | 4.0  | 0.678 | ± | 0.293 | 4.73 | ± | 2.64 |
| 20 | Aberdeen | 26.9  | ± | 4.0  | 0.746 | ± | 0.408 | 12.20  | ± | 2.37  |   | 28.3  | ± | 3.5  | 0.931 | ± | 0.376 | 7.79 | ± | 1.72 |
| 21 | Sok Kwu Wan | 32.6  | ± | 2.9  | 1.288 | ± | 0.340 | 15.81  | ± | 3.02  |  | 35.4  | ± | 4.4  | 1.570 | ± | 0.454 | 11.42 | ± | 2.47 |
| 22 | Ha Mei Wan | 26.4  | ± | 3.4  | 0.821 | ± | 0.318 | 14.09  | ± | 2.57  |  | 28.6  | ± | 4.4  | 1.072 | ± | 0.470 | 7.76 | ± | 1.67 |
| 23 | Mui Wo | 24.8  | ± | 2.5  | 0.770 | ± | 0.230 | 11.78  | ± | 3.03  |  | 25.6  | ± | 2.4  | 0.860 | ± | 0.231 | 5.23 | ± | 2.32 |
| 24 | Cheung Sha | 31.4  | ± | 6.1  | 1.057 | ± | 0.696 | 13.63  | ± | 6.66  |  | 35.7  | ± | 9.9  | 1.745 | ± | 1.500 | 7.03 | ± | 3.98 |
| 25 | Tai O | 31.1  | ± | 2.9  | 1.004 | ± | 0.291 | 14.07  | ± | 2.51  |   | 31.6  | ± | 3.6  | 1.056 | ± | 0.344 | 8.84 | ± | 2.31 |
| 26 | Butterfly Beach | 24.0  | ± | 2.6  | 0.628 | ± | 0.244 | 11.48  | ± | 4.70  |  | 25.7  | ± | 2.7  | 0.799 | ± | 0.236 | 8.04 | ± | 1.97 |
| 27 | Kadoorie Beach | 26.8  | ± | 3.4  | 0.954 | ± | 0.500 | 15.30  | ± | 2.10  |  | 28.0  | ± | 2.6  | 1.197 | ± | 0.386 | 9.1 | ± | 3.70  |
| 28 | Pak Sha Wan | 32.0  | ± | 3.3  | 1.273 | ± | 0.444 | 11.25  | ± | 3.19  |  | 32.0  | ± | 2.5  | 1.251 | ± | 0.343 | 8.72 | ± | 2.78 |
| 29 | Waterfall Bay | 28.6  | ± | 5.3  | 1.112 | ± | 0.631 | 14.95  | ± | 2.87  |   | 27.5  | ± | 3.4  | 0.352 | ± | 0.352 | 7.29 | ± | 2.06 |