**Table S6.** Shield length of age-0 juveniles of coenobitid crabs at four survey sites (Banda, Okinoshika, Shirosaki, and Katsuura) on the coast of the Boso Peninsula, Japan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | Month | Banda | Okinoshima | Shirosaki | Katsuura |
| 　 | 　 | *n* | Mean | SD | *n* | Mean | SD | *n* | Mean | SD | *n* | Mean | SD |
| 2012 | 8 | 34 | 0.83  | 0.07  | ‒ |  |  | 1 | 0.81  | 　 | ‒ |  |  |
|  | 9 | 82 | 0.95  | 0.10  | 10 | 1.01  | 0.23  | 43 | 1.20  | 0.17  | ‒ |  |  |
|  | 10 | 51 | 1.49  | 0.20  | 13 | 1.35  | 0.32  | 43 | 1.76  | 0.31  | ‒ |  |  |
|  | 11 | 38 | 1.35  | 0.26  | 40 | 1.62  | 0.30  | 108 | 1.56  | 0.31  | ‒ |  |  |
|  | 12 | 75 | 1.44  | 0.19  | 59 | 1.48  | 0.25  | 110 | 1.58  | 0.32  | ‒ |  |  |
| 2013 | 1 |  |  |  | 18 | 1.50  | 0.29  | 76 | 1.67  | 0.23  | ‒ |  |  |
|  | 2 |  |  |  |  |  |  | 62 | 1.83  | 0.24  |  |  |  |
|  | 3 |  |  |  |  |  |  | 25 | 2.05  | 0.24  |  |  |  |
|  | 4 |  |  |  |  |  |  | 23 | 1.99  | 0.19  |  |  |  |
|  | 5 |  |  |  |  |  |  | 20 | 1.87  | 0.21  |  |  |  |
|  | 6 |  |  |  |  |  |  | 16 | 1.94  | 0.18  |  |  |  |
|  | 7 |  |  |  | 1 | 1.68  |  | 3 | 2.34  | 0.19  | 2 | 1.56  | 0.04  |
|  | 8 | 30 | 0.85  | 0.09  | 20 | 0.89  | 0.09  | 3 | 2.37  | 0.17  | 2 | 0.95  | 0.04  |
|  | 9 | 33 | 1.26  | 0.15  | 10 | 1.42  | 0.17  |  |  |  |  |  |  |
|  | 10 | 19 | 1.33  | 0.22  | 39 | 1.64  | 0.35  |  |  |  |  |  |  |
|  | 11 | 8 | 1.16  | 0.12  | 9 | 1.38  | 0.38  |  |  |  |  |  |  |
|  | 12 | 4 | 1.52  | 0.23  | 4 | 1.15  | 0.08  |  |  |  | 1 | 2.11  |  |
| 2014 | 1 |  |  |  | 8 | 2.24  | 0.23  |  |  |  |  |  |  |
|  | 2 | ‒ |  |  | ‒ |  |  | ‒ |  |  | ‒ |  |  |
|  | 3 |  |  |  | 1 | 1.66  |  |  |  |  |  |  |  |
|  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 8 | 24 | 0.89  | 0.09  | 1 | 2.34  |  | 9 | 1.05  | 0.07  | 4 | 0.90  | 0.09  |
|  | 30 | 0.95  | 0.05  |
|  | 9 | 26 | 1.20  | 0.13  | 32 | 1.48  | 0.22  |  |  |  | 10 | 1.38  | 0.08  |
|  | 10 | 7 | 1.52  | 0.26  | 38 | 1.47  | 0.30  | 8 | 1.58  | 0.18  | 16 | 1.37  | 0.16  |
|  | 11 | 16 | 1.45  | 0.15  | 59 | 1.52  | 0.21  | 1 | 1.77  |  | 10 | 1.38  | 0.08  |
| 　 | 12 | 5 | 1.58  | 0.18  | 8 | 1.55  | 0.13  | 　 | 　 | 　 | 1 | 1.39  | 　 |

Age-0 crabs born in the same year were shown by the same cell colors; Dash, surveys were not conducted; Open space, crabs were not found. *n*, number of crabs measured; SD, standard deviation.