**Table S1.** Survey sites, sampling months, and number of specimens for genetically identifying the species of newly landed juvenile crabs belonging to the genus *Coenobita* on the coast of Boso Peninsula, Japan

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Survey site | Sampling month | Number of specimens and percent composition |
| *C. purpureus* | *C. rugosus* |
| 2012 | Banda | August | 15 | 5 |
|  | Shirosaki | September | 9 | 1 |
|  | Total |  | 24 | 6 |
|  | Composition (%) |  | 80.0 | 20.0 |
| 2013 | Banda | August | 26 | 4 |
|  | Okinoshima | August | 10 | 9 |
|  | Total |  | 36 | 13 |
|  | Composition (%) |  | 73.5 | 26.5 |
| 2014 | Banda | August | 15 | 9 |
|  | Okinoshima | August | 14 | 10 |
|  | Shirosaki | August | 6 | 2 |
|  | Katsuura | August | 4 | 0 |
|  | Total |  | 39 | 21 |
| 　 | Composition (%) |  | 65.0 | 35.0 |

In 2013, we collected 50 specimens and successfully identified the species of 49 specimens.