**Table S1.** Moulting incidences of larvae that died in two atyid shrimp species in the genus *Paratya* under different feeding conditions. PT, preserved *Tetraselmis*; CT, cultured *Tetraselmis*; R, rotifers; PTR, preserved *Tetraselmis* and rotifers; CTR, cultured *Tetraselmis* and rotifers. Number of moults was calculated for larvae that moulted

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Brood number | Feeding conditions | Number of dead larvae | Number of moulted larvae | Moulting rate (%) | Number of days to death | | | | Number of moults | | | |
| Mean | SD | Min | Max | Mean | SD | Min | Max |
| *P. compressa* | 1 | PT | 30 | 0 | 0 | 8.8 | 2.2 | 6 | 14 |  |  |  |  |
|  |  | CT | 14 | 13 | 92.9 | 19.9 | 12.8 | 7 | 56 | 4.6 | 2.1 | 1 | 9 |
|  |  | R | 12 | 12 | 100 | 22.3 | 12.7 | 9 | 45 | 3.5 | 2.2 | 1 | 8 |
|  |  | PTR | 18 | 14 | 77.8 | 22.1 | 10.9 | 6 | 44 | 4.0 | 2.8 | 1 | 9 |
|  |  | CTR | 3 | 2 | 66.7 | 9.0 | 1.7 | 8 | 11 | 3.0 | 1.4 | 2 | 4 |
|  | 2 | PT | 30 | 7 | 23.3 | 11.4 | 2.4 | 5 | 16 | 1.0 | 0.0 | 1 | 1 |
|  |  | CT | 12 | 11 | 91.7 | 25.3 | 11.4 | 6 | 40 | 4.1 | 3.0 | 1 | 9 |
|  |  | R | 29 | 12 | 41.4 | 16.3 | 9.8 | 5 | 42 | 2.9 | 2.4 | 1 | 8 |
|  |  | PTR | 27 | 14 | 51.9 | 17.0 | 9.4 | 3 | 42 | 2.2 | 2.3 | 1 | 9 |
|  |  | CTR | 10 | 5 | 50.0 | 12.9 | 7.1 | 5 | 22 | 3.4 | 1.8 | 1 | 5 |
| *P. improvisa* | 1 | PT | 25 | 24 | 96.0 | 10.9 | 2.9 | 3 | 18 | 2.0 | 0.6 | 1 | 3 |
|  |  | CT | 1 | 1 | 100 | 7.0 |  |  |  | 3.0 |  |  |  |
|  |  | R | 14 | 14 | 100 | 15.6 | 2.3 | 11 | 19 | 2.6 | 1.2 | 1 | 4 |
|  |  | PTR | 1 | 1 | 100 | 12.0 |  |  |  | 3.0 |  |  |  |
|  |  | CTR | 0 | 0 |  |  |  |  |  |  |  |  |  |
|  | 2 | PT | 30 | 30 | 100 | 10.4 | 2.3 | 6 | 13 | 2.0 | 0.9 | 1 | 4 |
|  |  | CT | 0 | 0 |  |  |  |  |  |  |  |  |  |
|  |  | R | 25 | 22 | 88.0 | 12.0 | 4.1 | 3 | 21 | 2.2 | 1.0 | 1 | 4 |
|  |  | PTR | 2 | 2 | 100 | 10.5 | 0.7 | 10 | 11 | 2.0 | 0.0 | 2 | 2 |
|  |  | CTR | 0 | 0 |  |  |  |  |  |  |  |  |  |

SD, standard deviation.