**Table S2.** Larval survival, duration, and growth of 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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Brood number | Feeding conditions | Number of initial larvae | Number of juveniles | Survival rate (%) | Larval duration (days) | Carapace length of juveniles (mm) | Number of moults to juvenile stage |
| Mean | SD | Min | Max | Mean | SD | Min | Max | Mean | SD | Min | Max |
| *P. compressa* | 1 | PT | 30 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | CT | 30 | 16 | 53.3 | 31.0 | 4.7 | 23 | 42 | 0.975 | 0.146 | 0.803 | 1.445 | 9.4 | 1.8 | 6 | 12 |
|  |  | R | 30 | 18 | 60.0 | 31.0 | 7.8 | 21 | 50 | 0.905 | 0.086 | 0.802 | 1.125 | 8.3 | 1.7 | 6 | 12 |
|  |  | PTR | 30 | 12 | 40.0 | 32.5 | 9.2 | 24 | 53 | 0.868 | 0.080 | 0.717 | 0.990 | 8.8 | 2.5 | 5 | 13 |
|  |  | CTR | 30 | 27 | 90.0 | 21.1 | 3.5 | 16 | 31 | 0.974 | 0.049 | 0.846 | 1.083 | 8.0 | 1.6 | 4 | 11 |
|  | 2 | PT | 30 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | CT | 30 | 18 | 60.0 | 33.9 | 6.0 | 26 | 44 | 1.048 | 0.212 | 0.610 | 1.338 | 8.6 | 1.7 | 7 | 13 |
|  |  | R | 30 | 1 | 3.3 | 39.0 |  | 39 | 39 | 0.967 |  | 0.967 | 0.967 | 7.0 |  | 7 | 7 |
|  |  | PTR | 30 | 3 | 10.0 | 40.0 | 3.5 | 38 | 44 | 0.982 | 0.080 | 0.916 | 1.071 | 8.0 | 1.0 | 7 | 9 |
| 　 |  | CTR | 30 | 20 | 66.7 | 24.4 | 2.9 | 20 | 30 | 1.052 | 0.103 | 0.880 | 1.259 | 6.4 | 1.3 | 3 | 8 |
| *P. improvisa* | 1 | PT | 30 | 5 | 16.7 | 17.4 | 3.0 | 13 | 21 | 0.877 | 0.035 | 0.823 | 0.911 | 4.2 | 0.8 | 3 | 5 |
|  |  | CT | 30 | 29 | 96.7 | 8.8 | 0.4 | 8 | 9 | 1.042 | 0.057 | 0.938 | 1.147 | 4.4 | 0.7 | 3 | 6 |
|  |  | R | 30 | 16 | 53.3 | 13.6 | 1.7 | 11 | 16 | 0.860 | 0.042 | 0.759 | 0.940 | 3.6 | 0.8 | 2 | 5 |
|  |  | PTR | 30 | 29 | 96.7 | 10.6 | 0.6 | 10 | 12 | 0.931 | 0.048 | 0.833 | 1.061 | 3.6 | 1.0 | 2 | 6 |
|  |  | CTR | 30 | 30 | 100 | 8.5 | 0.5 | 8 | 9 | 1.112 | 0.051 | 1.018 | 1.209 | 3.5 | 1.0 | 2 | 5 |
|  | 2 | PT | 30 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | CT | 30 | 30 | 100 | 8.9 | 1.0 | 8 | 11 | 1.052 | 0.048 | 0.945 | 1.139 | 3.9 | 0.9 | 2 | 5 |
|  |  | R | 30 | 5 | 16.7 | 17.6 | 4.1 | 14 | 22 | 0.847 | 0.026 | 0.820 | 0.877 | 4.4 | 1.1 | 3 | 6 |
|  |  | PTR | 30 | 28 | 93.3 | 11.4 | 1.9 | 10 | 17 | 0.926 | 0.037 | 0.838 | 0.994 | 4.0 | 1.3 | 2 | 6 |
| 　 |  | CTR | 30 | 30 | 100 | 8.4 | 0.9 | 7 | 11 | 1.070 | 0.044 | 0.972 | 1.167 | 3.5 | 0.7 | 2 | 5 |

SD, standard deviation.