**Supplementary Table 1:** The applied age classes distinguished for *P. experimentalis* and based on the selected life history trait analysis. Body length, body width and numbers of eggs were assessed using a stereomicroscope (OLYMPUS SZ61). The calibrated grid of the stereomicroscope was used to measure the body length and body width to an accuracy of 10 µm. ND, no data recorded; n, the number of individuals.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age classes | Age range in days(assigned group name) | Average body length(± SD) [μm] | Average body width(± SD) [μm] | Average number oflaid eggs per female(± SD) |
|  |  | **Females** | **Males** | **Females** | **Males** |  |
| 1 | 30-60 days(growing adults) | 420 ± 20n=25 | 350 ± 30n=25 | 160 ± 20n=25 | 110 ± 10n=25 | 97 ± 18n=100 |
| 2 | 150-180 days(mature adults) | 750 ± 40n=20 | 590 ± 50n=20 | 240 ± 30n=20 | 140 ± 20n=20 | 162 ± 32n=70 |
| 3 | >300 days(old adults) | 750 ± 30n=10 | 600 ± 30n=10 | 250 ± 30n=10 | 150 ± 20n=10 | ND |