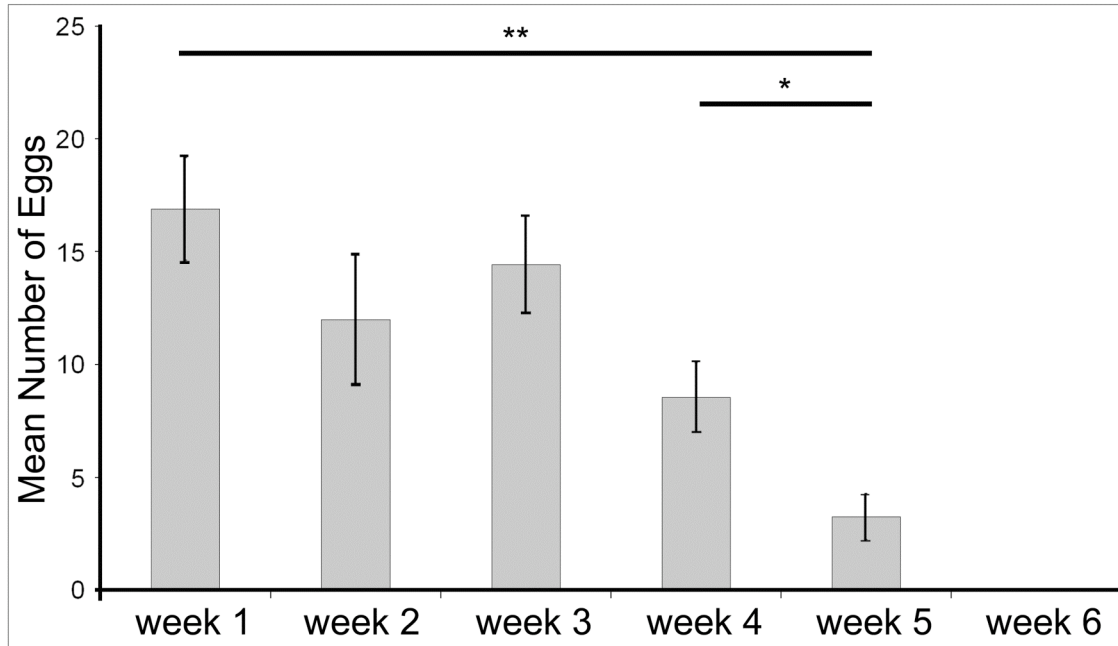


Supplementary Fig. 1: Mean (\pm S.E.) representative number of eggs collected weekly during the experiment. The mean decreased significantly until the last collecting day, indicating that the reproductive period has finished until week 6. Significant differences between the first and last week, and between the last two are depicted by solid horizontal lines.



Supplementary Table 1: Number of reproducing sticklebacks recaptured from each enclosure at the end of the experiment (from eight fish per sex and enclosure originally introduced) and mean number of analysed eggs assigned to them.

| | $N_{\text{♂}}$ survived and reproduced | $N_{\text{♀}}$ survived and reproduced | Mean $N_{\text{♂}}$ eggs \pm St dev | Mean $N_{\text{♀}}$ eggs \pm St dev |
|-------------|--|--|--|--|
| Enclosure 1 | 7 | 5 | 38.4 \pm 26.2 | 49.6 \pm 16.4 |
| Enclosure 2 | 5 | 5 | 69.8 \pm 47.6 | 66.8 \pm 24.8 |
| Enclosure 3 | 6 | 4 | 47.6 \pm 44.6 | 45.0 \pm 11.9 |
| Enclosure 4 | 2 | 3 | 52.5 \pm 19.1 | 44.3 \pm 12.5 |
| Enclosure 5 | 2 | 6 | 25.0 \pm 9.9 | 60.0 \pm 17.0 |
| Enclosure 6 | 3 | 5 | 81.3 \pm 44.6 | 44.8 \pm 34.5 |

Mean $N_{\text{♂}}$ eggs \pm St dev: Mean number of egg fathered per male \pm standard deviation.

Mean $N_{\text{♀}}$ eggs \pm St dev: Mean number of egg mothered per female \pm standard deviation.