



Correction to: Effects of rearing temperature manipulation on oocyte maturation progress in Japanese eel

Toshiomi Tanaka^{1,2} · Shinji Adachi² · Kazuharu Nomura³ · Hideki Tanaka⁴ · Tatsuya Unuma⁵ 

Published online: 13 August 2021
© Japanese Society of Fisheries Science 2021

Correction to: Fisheries Science
<https://doi.org/10.1007/s12562-021-01531-8>

In this article the black down arrows in Fig. 2a, that should indicate white letters ‘20 °C’ inside the arrows have disappeared. It should have appeared as shown below. The original article has been corrected.

The original article can be found online at <https://doi.org/10.1007/s12562-021-01531-8>.

✉ Tatsuya Unuma
unuma@fra.affrc.go.jp

Toshiomi Tanaka
toshiomi1_tanaka@pref.shizuoka.lg.jp

Shinji Adachi
s-adachi@fish.hokudai.ac.jp

Kazuharu Nomura
nomurak@fra.affrc.go.jp

Hideki Tanaka
hideki_tanaka@kindai.ac.jp

² Graduate School of Fisheries Sciences, Hokkaido University, Hakodate, Hokkaido 041-8611, Japan

³ Nansei Field Station, Fisheries Technology Institute, Japan Fisheries Research and Education Agency, Minami-ise, Mie 516-0193, Japan

⁴ Aquaculture Research Institute, Kindai University, Urugami, Wakayama 649-5145, Japan

⁵ Kushiro Field Station, Fisheries Resources Institute, Japan Fisheries Research and Education Agency, Katsurakoi, Kushiro, Hokkaido 085-0802, Japan

¹ Hamanako Branch, Shizuoka Prefectural Research Institute of Fishery and Ocean, Hamamatsu, Shizuoka 431-0214, Japan

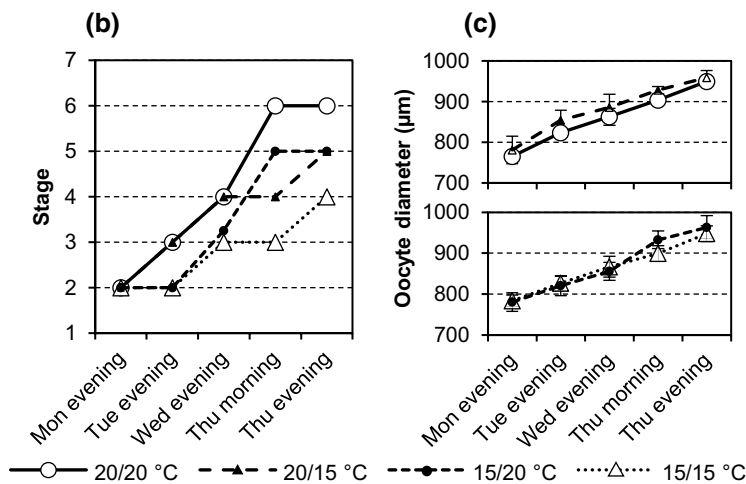
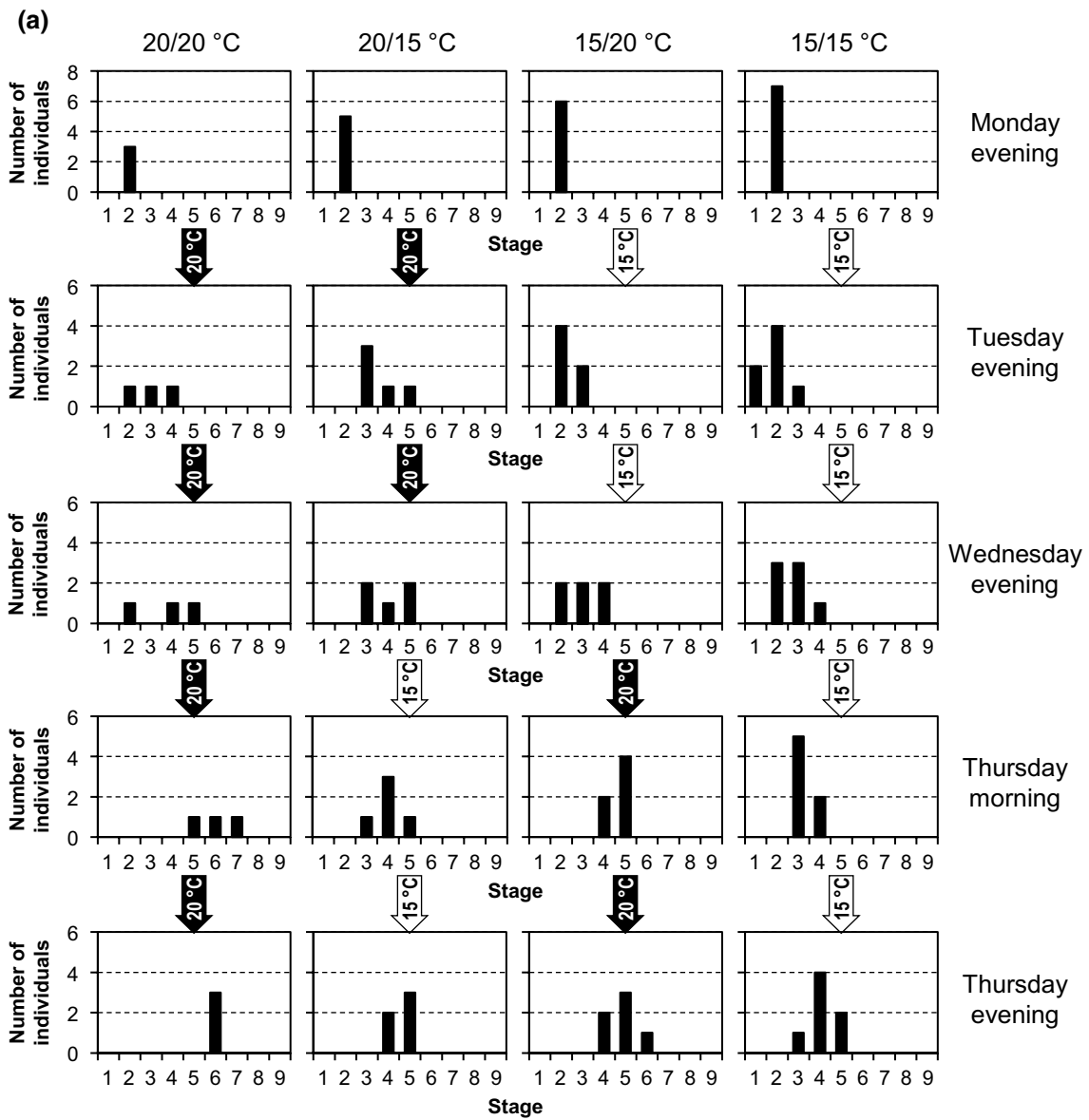


Fig. 2 a–d Progress of oocyte maturation in Japanese eel *Anguilla japonica* reared at 15 and/or 20 °C for 3 days before 17 α -hydroxyprogesterone (17 α -OHP) injection (Experiment 1). The females with >5% increase in body weight were randomly reared at 20/20 °C ($n=3$), 20/15 °C ($n=5$), 15/20 °C ($n=6$), and 15/15 °C ($n=7$) from Monday to Wednesday and from Wednesday to Thursday. The oocytes were collected from the gonopore with a cannula on Monday, Tuesday, and Wednesday evenings, and Thursday morning and evening. The lipid droplet stage and oocyte diameter were determined using 10 oocytes from each female at each cannulation. **a** Frequency distribution of the lipid droplet stage from Monday to Thursday. **b** Changes in the lipid droplet stage. Values are the median of those for 3–7 females. **c** Changes in the oocyte diameter. Upper panel shows 20/20 °C and 20/15 °C groups, and lower panel 15/20 °C and 15/15 °C groups. Values are the mean \pm standard deviation of those for 3–7 females. **d** Rate of increase in oocyte diameter. Values are the mean \pm standard deviation of those for 3–7 females

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.