

Dear Prof. Hoppema:

Thank you very much for your careful editing of our manuscript. We feel that the paper became much better than the original preprint.

Please, find below a point-by-point reply to your comments. Notice that our revised manuscript contains the figures where we also made changes such as the usage of acronym LT for the local time, and the date format as you suggested.

My best regards on behalf of our team of the paper authors,
Alexander Ostrovskii

Point-by-point response to the comments:

L10 [O2] means the concentration of oxygen. So here it should be either: for the concentration of dissolved oxygen [O2] or: ... for dissolved oxygen (O2).

Author's response - "The concentration of dissolved oxygen" was used.

L18 „diapausing CV C. euxinus“ This is not clear. CV C.? This may be sound knowledge for planktologists, but in the abstract please explain.

Author's response - Replaced by "the diapausing fifth copepodite stages of Calanus euxinus"

L25 Is polluted the right word here? It is not caused by anthropogenic activity, is it?

Author's response - Replaced by "contaminated".

L30 Please define CTD here as it is used for the first time

Author's response - The CTD was defined.

L31-32 Vinogradov and Nalbandov, 1990; L49 Erkan and Gücü ; please add "and" between the names in all cases in the manuscript where the citation concerns two authors.

Author's response - Modified in all cases in the manuscript.

L223 21-22 June 2010 (format) Please change to this format through the manuscript at many places

Author's response - Modified in all cases in the manuscript.

L232 58±14% Is this standard deviation or standard error? Please explain for all results.

Author's response - The explanation was given.

Fig 11 (and other places) Please use LT for local time.

Author's response - Modified in all cases in the manuscript.

L425 species not spices

Author's response - Corrected.

L579 Please correct: 3÷10 µM What is meant here?

Author's response - Corrected.