



Interactive comment on “Seasonal dynamics of *Pseudocalanus minutus elongatus* and *Acartia* spp. in the southern Baltic Sea (Gdańsk Deep) – numerical simulations” by L. Dzierzbicka-Głowacka et al.

L. Dzierzbicka-Głowacka et al.

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Answers to the referee comments (Prof. M. Zmijewska):

All the comments of the Referee were exhausted in detail in the corrected manuscript.

I hope that the rewritten manuscript demonstrates less of the topographical, grammatical and spelling errors.

I agree with reviewer that in Abstract should be make a note at Page 1158/22: “Phytoplankton bloom is very important in diet of adults females of copepods, but it does not important for the youngest part of new generation because nauplii do not feet, at all.”

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Page 1161/15 I agree that should be: "Phytoplankton in water either grazed by zooplankton, small fish or else dies and sink."

Page 1166/17-19 I agree that this sentence should be without nauplii, hence: "We chose a Foot, of 20 mgC m⁻³ for larger copepodite C3-C5 and adult stages but a lower threshold of 10 mgC m⁻³ for smaller copepodites."

Fig.5 I agree that it is not very clear - too small size

Page 1172/20-21 I'm sorry in this sentence is error; it should be without mortality, hence: "This increase was mainly by growth in successive stages and egg production."

Technical corrections:

Should be: Page 1161/9 - as possible

Page 1162/3 - heterotrophic protists

Page 1167/20 - Pseudocalanus

Page 1177/11 - for phytoplankton

Page 1181/21 - instead of "My" should be "Our"

I would like to express my thanks to the Referee for her very instructive and profound comments.

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