

***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:

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.

(Prof. M. Zmijewska)

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

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important for the youngest part of new generation because nauplii do not feed, at all.”

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  $Foot_o$  of  $20 \text{ mgC m}^{-3}$  for larger copepodite C3-C5 and adult stages but a lower threshold of  $10 \text{ mgC m}^{-3}$  for smaller copepodities.”

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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**BGD**

3, S536–S537, 2006

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