Interactive comment on “Population modelling of Acartia spp. in a water column ecosystem model for the Southern Baltic Sea” by L. Dzierzbicka-Glowacka et al.

Anonymous Referee #1

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General comments: (1) Although I am not skill to this-like simulations, I believe, this MS is equivalent to one of techical reports, because their simulations are not enough to be examined under field observation data except for POC (not enough) data. The authors should make clear to the degree what their simulations are valid under field observation data (usually varied temporally and spatially due to strong patchiness of phyto- and zooplanktons). (2) This paper is very similar to previous studies done by Fennel (2001) and Dzierbicka-Glowacka and his colleagues, I wonder which parts of this paper are new except for dealing with Acartia spp.

Specific comments: (1) In the Discussion section, authors refered to biomass data of
zooplankton, so better to illustrate these data in figures.

Interactive comment on Biogeosciences Discuss., 7, 55, 2010.