

***Interactive comment on* “Structure of phytoplankton (Continuous Plankton Recorder and SeaWiFS) and impact of climate in the Northwest Atlantic Shelves” by S. C. Leterme and R. D. Pingree**

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First we would like to thank the reviewers for their valuable comments. We modified the manuscript accordingly to the suggestions and comments of the 4 referees.

Referee #5 mentioned that there was a lack of consistency when using letter to refer figures, that is if using capital letters in the figures as is the case here in figures 4, 5, 6, then capital letters should be used in the caption as well. The letters used in the figure captions have been modified accordingly to his comments.

As suggested by Keith Brander, the caption of figure 6 has been changed to avoid the

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repetition in the description of the figures 4 and 6.

S. Losa asks “But what was exactly going on?” A study made by Greene & Pershing (2000), referenced, partly answers her question. But we are not sure what are the specific mechanisms that create the patterns we observed during this study.

Greene, C.H., and Pershing, A.J.: The response of *Calanus finmarchicus* populations to climate variability in the Northwest Atlantic: basin-scale forcing associated with the North Atlantic Oscillation, *ICES J. Mar. Sci.*, 57, 1536-1544, 2000.

Interactive comment on *Ocean Sci. Discuss.*, 3, 1871, 2006.

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