

Interactive
Comment

Interactive comment on “A dynamic climate and ecosystem state during the Paleocene-Eocene Thermal Maximum – inferences from dinoflagellate cyst assemblages at the New Jersey Shelf” by A. Sluijs and H. Brinkhuis

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AUTHOR COMMENT We thank Dr. Riding for his/her positive review and constructive comments. Below we discuss all points raised.

Appy Sluijs and Henk Brinkhuis

REFEREE #3 J. B. Riding (Referee)

Received and published: 27 July 2009

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This is an excellent paper which is well constructed and well-argued. It will be read wisely and cited often. I especially liked the author's use of techniques such as magnetic susceptibility and BIT index. These were mentioned only briefly on p. 5169 and largely comprise simply the provision of references. I would like to see this small subsection slightly expanded in order to allow the authors to explain and justify the use of these techniques. I would like to see that authors explain clearly their choice of techniques. Only one or two sentences per technique will suffice. I recommend this in order to make the paper more complete in itself and self-contained.

Reply: For all proxies we have formulated what they indicate and we have also included why we chose this technique.

Interactive comment on Biogeosciences Discuss., 6, 5163, 2009.

BGD

6, C1364–C1365, 2009

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