Paleoceanography

Supporting Information for

Mid-Piacenzian variability of Nordic Seas surface circulation linked to terrestrial climatic change in Norway

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Additional Supporting Information (Files uploaded separately)

Captions for Datasets S1 to S3.

Introduction

This supporting information contains the data from Ocean Drilling Program Hole 642B in the Norwegian Sea collected for this study and illustrated in Figure 2 and 3 in the main manuscript. The data is presented in three different tables (ds01 to ds03) and uploaded in a single file. Three samples have been previously published by De Schepper et al. [2015]; therefore, the analyst who counted the sample has been indicated in the tables.

Dataset S1 contains the abundance data of all dinoflagellate (dinocyst) species encountered in this study, with abundances of selected species shown in Figure 2.

Dataset S2 includes the dinocyst concentrations for each species and the samples, and the total dinocyst burial flux presented in Figure 2.

Dataset S3 includes the acritarch concentrations of each species and the sample, and the total acritarch burial flux, which is shown in Figure 3.

Data Set S1. Abundance data (%) of dinoflagellate cyst species in samples from ODP Hole 642B between 66.95 and 68.45 meter below sea floor (mbsf). Age model from Risebrobakken et al. [2016].

Data Set S2. Concentration of dinoflagellate cyst species and the total dinocyst burial flux in samples from ODP Hole 642B between 66.95 and 68.45 meter below sea floor (mbsf). Age model from Risebrobakken et al. [2016].

Data Set S3. Concentration of acritarch species and the total acritarch burial flux in samples from ODP Hole 642B between 66.95 and 68.45 meter below sea floor (mbsf). Age model from Risebrobakken et al. [2016].