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Mark A. Woods, Thijs R.A. Vandenbroucke, Mark Williams, James B. Riding, Stijn De Schepper, Koen Sabbe

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**Complex response of dinoflagellate cyst distribution patterns to cooler early
Oligocene oceans**

Mark A. Woods^a, Thijs R. A. Vandenbroucke^b, Mark Williams^c, James B. Riding^a,
Stijn De Schepper^d, Koen Sabbe^e

^a: British Geological Survey Environmental Science Centre, Keyworth, Nottingham,
NG12 5GG, UK. maw@bgs.ac.uk; jbri@bgs.ac.uk

^b: UMR 8217 du CNRS : Géosystèmes, Université Lille 1, Avenue Paul Langevin,
bâtiment SN5, 59655 Villeneuve d'Ascq Cedex, France. Thijs.Vandenbroucke@univ-
lille1.fr

^c: Department of Geology, University of Leicester, University Road, Leicester, LE1
7RH, UK. mri@leicester.ac.uk

^d: Department of Earth Science, University of Bergen, Allégaten 41, 5007 Bergen,
Norway. stijn.deschepper@geo.uib.no

^e: Protistology and Aquatic Ecology, Department of Biology, Ghent University,
Krijgslaan 281-S8, 9000 Ghent, Belgium. Koen.Sabbe@UGent.be

*: Corresponding author at: British Geological Survey Environmental Science Centre,
Keyworth, Nottingham, NG12 5GG, UK. Tel.: +44 115 9363155. E-mail address:
maw@bgs.ac.uk (M. A. Woods).

Abstract

Previous studies have made extensive use of dinoflagellate cysts to reconstruct past
sea surface temperature (SST). Analysis of associations of dinoflagellate cysts using

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