

Description of Supplementary Data Files

File name: Supplementary Data File 1

Description: Results of Last Glacial Maximum dust fraction samples (<5 µm) from the South Pacific.

File name: Supplementary Data File 2

Last Glacial Maximum average values calculated from individual sample results reported in Supplementary Data File 1.

File name: Supplementary Data File 3

Description: Results of Holocene dust fraction samples (<5/10 µm) from the South Pacific.