

$\delta^{18}\text{O}$ of Biogenic Opal and Pollen/Macrofossil Records in Late Glacial to Holocene Sediments, Linsley Pond, Connecticut

Dorothy Peteet, NASA/GISS & Lamont Doherty Earth Observatory, NY
Aida Shemesh, Weizmann institute of Science, Israel

The best continental records of atmospheric variations are stored in long ice cores. However, ice cores are restricted to polar regions or few high altitude sites. Continental lakes offer potentially high resolution, continuous archives of climate change with a wide spatial distribution. Yet sediments of many lakes are devoid of carbonate minerals, the most commonly used phase in paleoclimate studies.