

# American Journal of Science

MARCH 2001

## CONTENTS

- The geology of a part of Acadia and the nature of the Acadian orogeny across  
Central and Eastern Maine  
*R.D. Tucker, P.H. Osberg, and H.N. Berry IV* 205
- Chemostratigraphy of the Paleoproterozoic Duitschland Formation, South  
Africa: implications for coupled climate change and carbon cycling  
*Andrey Bekker, Alan J. Kaufman, Juha A. Karhu, Nicolas J. Beukes,  
Quinten D. Swart, Louis L. Coetzee, and Kenneth A. Ericsson* 261
- Volcanic rocks in the Narragansett basin, southeastern New England: petrology  
and significance to early basin formation  
*Anton Maria and O. Don Hermes* 286