Java fossil redates human history

R.M. Russo and P. G. Silver

Trench-Parallel Flow Beneath the Nazca Plate from Seismic Anisotropy

Iron Fertilization: A Tonic, but No Cure for the Greenhouse
Cliffs of the Miocene Monterey Formation, Naples Beach, California. These finely laminated sedimentary rocks rich in organic matter were deposited during a period of worldwide cooling about 14 million years ago. A record of this climate change is revealed by the carbon isotopic signatures of certain molecules synthesized by organisms, such as marine algae and bacteria, and subsequently fossilized after the sediments were deposited. See page 1122. [Photo: Kevin Irwin, Chevron Petroleum Technology Company]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/263/5150

**Permissions**  Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl