

Elements



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Mineral Magnetism: From Microbes to Meteorites

JOSHUA M. FEINBERG and RICHARD J. HARRISON, Guest Editors

**Providing New Insights into
Geoscience Processes**

**Geodynamo History Preserved
in Single Crystals**

**Magnetism of Extraterrestrial
Materials**

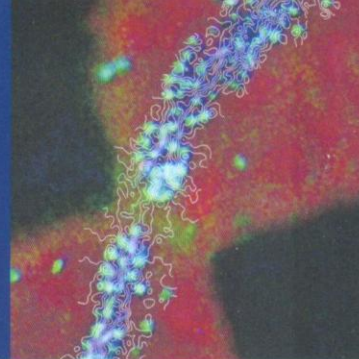
**Magnetic Records of
Climate and Pollution**

**Magnetic Nanocrystals
in Organisms**

Magnetism in the Earth's Crust

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ABOUT THE COVER:

A composite chemical and magnetic image, by Takeshi Kasama, showing a magnetotactic bacterium in the midst of cell division (mitosis). Red, green, and blue indicate the relative abundances of C, S, and Fe, respectively. Contour lines showing the magnetic flux generated by nanoparticles of greigite and magnetite within the cell were obtained using electron holography.

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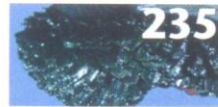
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