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Identifying Great Teachers: D. A. Mathewes, Jr., H. T. Walsh, S. H. Bauer; Biomedical Sciences in Europe: R. K. Appleyard; Empiricism in Engineering and Science: H. J. Gray; For Complexity: W. F. Battig

ARTICLES

Microorganisms from the Gunflint Chert: E. S. Barghoorn and S. A. Tyler

These structurally preserved Precambrian fossils from Ontario are the most ancient organisms known.

Radio Frequency Stimulation: A Research and Clinical Tool: L. Eisenberg et al.

Stimulation of excitable tissues by radio frequency induction methods is discussed.

NEWS AND COMMENT

Congress and Science: Less Tension This Year—Arms Control Agency: President Seeks Bigger Budget

Report from Europe: West Germany Debates a “Cultural Crisis”: V. K. McElheny

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Environments of the Geologic Past: E. S. Deevey


REPORTS

Potassium Content of Illite: C. E. Weaver

Crystal Packing of Molecules: D. E. Williams


Late-Wisconsin End Moraines in Northern Canada: G. Falconer, J. T. Andrews, J. D. Ives


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COVER
Fossil forms discovered in the 18th century by German geologist Johann Bartholomew Adam Beringer, a transitional figure in the history of geology. Unaware that these exotic "fossils" had been placed in his dig by colleagues, Beringer published a treatise to interpret them. His discovery of a "fossil" bearing his own name made him aware of the hoax. See book review of Approaches to Paleoecology, p. 592. [From The Lying Stones of Dr. Beringer, Melvin E. Jahn and Daniel J. Wolff, University of California Press, Berkeley]