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Reprints: A Proposal: A. F. Hofmann et al.; Scientist-Astronauts: Applications
Invited: D. K. Slayton; Basement Science: I. Warshawsky and H. L. Rosenthal;
Standardized Tests: A Third Possibility: J. W. Haslett

EDITORIAL

Ground-Based Astronomy

ARTICLES

Man's First Encounters with Metallurgy: T. A. Wertme
Man's discovery of ores and metals helped to shape his sense of science,
technology, and history.

Flip: An Oceanographic Buoy: P. Rudnick

The Complex Epidemiology of Respiratory Virus Infections: C. H. Andrewes

We do not yet understand how seasonal and other factors affect the incidence
of colds and influenza.

Teaching and the Expanding Knowledge: A. Szent-Györgyi

The simplification that comes with expanding knowledge enables teaching to
encompass this knowledge.

NEWS AND COMMENT

Congress: Before the Caucuses—Krebiozen: Grand Jury Indictment

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W. T. Edmondson, A. V. Crewe, R. R. Wilson

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Transitional Ordovician Bivalve with Both Monoplacophorans and Lucinacean
Affinities: A. L. McAlester

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Pressure-Induced Trapping Phenomenon in Silver Iodide: H. C. Duecker and
E. R. Lippincott

High-Pressure Polymorphism in Cesium: H. T. Hall, L. Merrill, J. D. Barnett

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COVER

Prancing Achaemenid horses from the ancient Persian capital of Persepolis exemplify the synthesis of technology, art, and life possible through the medium of metals. The breed may well be that of a famous Median steed. However, the liquid style of presentation—so unlike the usual Persian bas-reliefs—is Greek. See page 1257. [Archeological Museum Tehran]