LETTERS
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 ...................... 1251

EDITORIAL
Ground-Based Astronomy .......................................................... 1255

ARTICLES
Man's First Encounters with Metallurgy: T. A. Wertime ..................... 1257
Man's discovery of ores and metals helped to shape his sense of science,
technology, and history.

Flip: An Oceanographic Buoy: P. Rudnick .................................. 1268
A novel structure provides a quiet platform of great stability for acoustic
and other research at sea.

The Complex Epidemiology of Respiratory Virus Infections: C. H. Andrews .. 1274
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 .................. 1278
The simplification that comes with expanding knowledge enables teaching to
encompass this knowledge.

NEWS AND COMMENT
Congress: Before the Caucuses—Krebiozen: Grand Jury Indictment .......... 1280

BOOK REVIEWS
Mammals in Review: R. H. Manville ............................................ 1285
Advances in Drug Research, reviewed by L. Lasagna; other reviews by
T. D. Stewart, P. Handler, B. F. Graham, Jr., H. S. M. Coxeter, H. W. Thompson,
W. T. Edmondson, A. V. Crewe, R. R. Wilson ............................... 1286

REPORTS
Orgueil Meteorite: Organic Nitrogen Contents: R. Hayatsu .................. 1291
Transitional Ordovician Bivalve with Both Monoplacophoran and Lucinacea Affinities: A. L. McAlester .. 1293
Electrolytic Growth of Silver Dendrites: W. A. Ainsworth .................. 1294
Pressure-Induced Trapping Phenomenon in Silver Iodide: H. C. Duecker and
E. R. Lippincott ................................................................. 1295
High-Pressure Polymorphism in Cesium: H. T. Hall, L. Merrill, J. D. Barnett .... 1297
Action of Erythromycin on “Protoplasts” in vivo: L. B. Guze and G. M. Kalmanson 1299

Thalidomide Syndrome in Monkeys: C. S. Delahunt and L. J. Lassen 1300

Transplantation Tolerance Induced in Adult Mice by Protein Overloading of Donors: P. Liaycopulos and J. H. Goode 1305

Vitamin K Compounds in Bacteria That Are Obligate Anaerobes: R. J. Gibbons and L. P. Engle 1307

Allosteric Properties of Glutamate Dehydrogenases from Different Sources: N. Talal and G. M. Tomkins 1309

Actinomycin D: An Effect on Rat Liver Homogenates Unrelated to Its Action on RNA Synthesis: M. Revel, H. H. Hiatt, J.-P. Revel 1311


Uricase: Localization in Hepatic Microbodies: Z. Hruban and H. Swift 1316

Catnip: Its Raison d’Être: T. Eisner 1318

Saturation Deficit of the Mesophyll Evaporating Surfaces in a Desert Halophyte: P. C. Whitenian and D. Koller 1320

Genetic Disparity and Cancer Induction by Normal Tissue Implants in Amphibia: L. N. Ruben and M. Balls 1321

Neuromimes: Action of a Reciprocally Inhibitory Pair: L. D. Harmon 1323

Electroencephalographic Correlates of Binocular Rivalry in Man: R. W. Lansing 1325

Paradoxical Phase of Sleep: Its Artificial Induction in the Cat by Sodium Butyrate: M. Matsuzaki, H. Takagi, T. Tokizane 1328

Kollner Effect and Suppression of the View of an Eye: H. F. Crovitz 1329

ASSOCIATION AFFAIRS

131st AAAS Annual Meeting 1331

MEETINGS

Physical Oceanography: Plans for U.S.–Japan Cooperation: M. K. Robinson; Forthcoming Events; Meeting Notes 1371

DEPARTMENTS

New Products 1391

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]