LETTERS
"Brain Drain" Figures: J. A. Saxton; Mohole: G. Allott; Rhythm Method: R. G. Potter, Jr.; Stating the Problem: M. Bunge

ARTICLES
Earthquake Source Mechanisms: H. Benioff

Although progress has been made in the understanding of earthquakes, many problems remain.

The Bearing of Philosophy on the History of Science: A. Grünbaum

Philosophical mastery of the special theory of relativity is required for unraveling its history.

Soviet-American Exchanges—Tit-for-Tat Goodwill: S. S. Rosenfeld

Carefully regulated flow of people plays a small, but significant, role in East-West relations.

NEWS AND COMMENT
Tobacco: Slow Follow-up on PHS Report; SLAC: Building an Accelerator; Elliott Committee; Hearings Published

BOOK REVIEWS
Anthropometric Survey of Turkey, Greece, and Italy, reviewed by J. L. Angel; other reviews by T. W. Marton, C. Heimsch, D. P. Keily, W. H. Wagner, Jr., F. Fremont-Smith, A. T. McPherson, H. Deason, C. H. Ware, Jr., P. A. Woke

REPORTS
Xenon Fluorosilicate and Related Compounds: A. F. Clifford and G. R. Zeilenga

Origin of Diamonds in the Ureelites: M. E. Lipschutz

Mössbauer Effect for Surface Atoms: Iron-57 at the Surface of $\eta$ AlO: P. A. Flinn, S. L. Ruby, W. L. Kehl

Electrical and Thermal Measurements with Bridgman Anvils: R. S. Kirk and R. J. Vaišnys

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COVER

This branched papillary growth, lined with endocardium, was taken from a
cauliflower-like excrescence in the left atrium of the heart. Such growths
develop at sites which undergo increased friction (hematoxylin-eosin
stain, about × 33). See page 1341.