LETTERS

Engineers' Role: R. G. Maguire; W. C. Orthwein; The Space Shuttle: T. A. Heppenheimer; Treatment of Laboratory Animals: L. Procita

EDITORIAL

Training Scientists for New Jobs

ARTICLES

Gardens on Swamps: P. Armillas
Sanity in Research and Evaluation of Environmental Health: H. E. Stokinger
Obsidian Trade at San Lorenzo Tenochtitlan, Mexico: R. H. Cobean et al.

RESEARCH TOPICS

Nobel Prize for Chemistry: Herzberg and Molecular Spectroscopy: A. E. Douglas
Nobel Prize for Physics: Gabor and Holography: W. E. Kock

NEWS AND COMMENT

The Open University: Breakthrough for Britain
Scientists and the Press: Cancer Scare Story That Wasn't
Britain: Nuclear Power Industry Faces Critical Choice on Reactor

BOOK REVIEWS

Decision and Stress:; reviewed by R. W. Pew; other reviews by F. E. Bloom, O. Biddulph, C. Ellenby; Books Received

REPORTS

Moonquakes: G. Latham et al.
Mercury in a Greenland Ice Sheet: Evidence of Recent Input by Man: H. V. Weiss, M. Koide, E. D. Goldberg
Viral RNA Polymerases: Electron Microscopy of Reovirus Reaction Cores: S. Gillies, S. Bullivant, A. R. Bellamy
Acridine Orange Potentiation of Actinomycin D Uptake and Activity: E. F. Roth, Jr., and J. Kochen ........................................... 696
Adult Hemoglobin Synthesis by Reticulocytes from the Human Fetus at Mid trimester: M. D. Hollenberg, M. M. Kaback, H. H. Kazazian, Jr. .................................................. 698
Polymorphism of Human Constitutive Heterochromatin: A. P. Craig-Holmes and M. W. Shaw .............................................. 702
Herpesvirus Type 2 Isolated from Cervical Tumor Cells Grown in Tissue Culture: L. Aurelian et al. ............................................. 704
Mendelian and Uniparental Alterations in Erythromycin Binding by Plastid Ribosomes: L. J. Meis and L. Bogorad ................................ 707
Mammalian Motor Units: Physiological-Histochemical Correlation in Three Types in Cat Gastrocnemius: R. E. Burke et al. .......... 709
Creation of "Amyloid" Fibrils from Bence Jones Proteins in vitro: G. G. Glenner et al. ............................................................... 712
DNA Constancy in Heteroploidy and the Stem Line Theory of Tumors: P. M. Kraemer, D. F. Petersen, M. A. Van Dilla .................. 714
Junctions between Cancer Cells in Culture: Ultrastructure and Permeability: R. G. Johnson and J. D. Sheridan .......................... 717
The Brain as a Parallel Coherent Detector: A. Trehub ................................................. 722
Phenothiazine Effects on Auditory Signal Detection in Paranoid and Nonparanoid Schizophrenics: M. Rappaport et al. ................. 723

ASSOCIATION AFFAIRS
Senticity, Brain Function, and Sources of Human Values: M. Clynes; Regulation of Organ and Tissue Growth: R. J. Goss; Looting the Past: An International Scandal: R. I. Ford ....................................................... 726

MEETINGS
Gordon Research Conferences: Winter Program, 1972: A. M. Cruickshank; Forthcoming Events ......................................................... 730

COVER
Aerial view of the northwestern slopes and foothills of the Pico de Orizaba, (snow-capped mountain on left, 5511 meters) in Mexico. In the foreground can be seen Guadalupe Victoria, principal source of obsidian exploited by the Olmec of San Lorenzo Tenochtitlan. See page 666. [Michael D. Coe, Yale University]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**
Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/174/4010.citation

**Permissions**
Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl