LETTERS
The Poor Are Getting Richer: F. S. Barnes; Science Self-Generated: F. E. Hahn; Information Exchange: D. F. Hersey; The Stumptail Macaque as a Laboratory Subject: I. S. Bernstein and N. B. Guilloud; Molecular Mimicry in Biological Adaptation: R. T. Damian 823

EDITORIAL
School Laboratory Supplies 827

ARTICLES
Chemical Background of Silicones: J. F. Hyde 829
The siloxane linkage as a structure-building device gives variety and versatility to the silicones.

Molecules and Monkeys: J. Buettner-Janusch and R. L. Hill 836
Study of primary structure of primate hemoglobin sheds light on organismal and molecular evolution.

NEWS AND COMMENT
Proliferation: Atoms for Peace under Scrutiny—Academic Degrees: Drawing the Line—Congress and Drugs: Interest Waning 843

BOOK REVIEWS
Process and Pattern in Culture: E. A. Hoebel 850

REPORTS
Terrestrial Ratio of Potassium to Rubidium and the Composition of the Earth’s Mantle: P. W. Gast 858
High-Pressure Transitions of Germanium and a New High-Pressure Form of Germanium: C. H. Bates, F. Dachille, R. Roy 860
Stratosphere and Troposphere: Transport of Material between Them: J. L. Kroening 862
Entrainment of a Tidal Rhythm: J. T. Enright 864
Glycoprotein Biosynthesis in Human Reticulocytes: A Lesion in Thalassemia:  
E. H. Eylar and G. T. Matioli ........................................... 869

Paraffinic Hydrocarbons in Pasture Plants: J. Oro, D. W. Noon, S. A. Wikstrom  
...................................................... 870

Contact-Induced Cytotoxicity by Lymphoid Cells Containing Foreign Isoantigens:  
E. Möller .................................................................................. 873

Crystalline Human Urokinase: Some Properties: A. Lesuk, L. Terminiello,  
J. H. Traver ............................................................................. 880

Neurosecretory Processes Extending into Third Ventricle: Secretory or  
Sensory?: C. G. Smoller ........................................................... 882

Species and Geographic Differences in the Transferrin Polymorphism of Macaques:  
M. Goodman et al. .................................................................. 884

5-Hydroxytryptophan Decarboxylase in Rat Brain: Effect of Hypothalamic Lesions:  
A. Heller et al. ......................................................................... 887

Duplication of Evoked Potential Waveform by Curve of Probability of Firing of a  
Single Cell: S. S. Fox and J. H. O'Brien ..................................... 888

Comments on Reports: Duplexity Theory of Taste: R. P. Erickson .................. 890

ASSOCIATION AFFAIRS

Alfred Sherwood Romer, President-Elect: B. Patterson .................. 891

AAAS Council Meeting, 1964: D. Wolfe .................................. 892

AAAS Officers, Committees, and Representatives for 1965 .................. 897


Science Knows No Boundaries: W. Penfield .................................. 900

MEETINGS

Forthcoming Events ................................................................ 961

COVER

Concretions on the rim of the Kharga Oasis depression in the western desert of Egypt were formed by ground water in an Eocene limestone. They remained after the crumbling rock in which they had been embedded had weathered away. Their surfaces are deeply etched by sandblast. See book review of The Earth Beneath Us, page 852. [Tad Nichols, Western Ways Features]
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/147/3660.citation

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