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

EDITORIAL

School Laboratory Supplies

ARTICLES

Chemical Background of Silicones: J. F. Hyde

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

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

BOOK REVIEWS

Process and Pattern in Culture: E. A. Hoebel


REPORTS

Terrestrial Ratio of Potassium to Rubidium and the Composition of the Earth's Mantle: P. W. Gast

High-Pressure Transitions of Germanium and a New High-Pressure Form of Germanium: C. H. Bates, F. Dachille, R. Roy

Stratosphere and Troposphere: Transport of Material between Them: J. L. Kroening

Entrainment of a Tidal Rhythm: J. T. Enright

Glycoprotein Biosynthesis in Human Reticulocytes: A Lesion in Thalassemia: E. H. Eylar and G. T. Matioli ................................. 869
Contact-Induced Cytotoxicity by Lymphoid Cells Containing Foreign Isoantigens: E. Moller ............................................................... 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 ........................................ 895

Science Knows No Boundaries: W. Penfield ........................................ 908
Reports of Symposia ........................................ 910
Reports of Sections and Societies ........................................ 918

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]