LETTERS

Frequency or Wavelength?: G. Wald; Skeptic: L. Goldstein; Mass Extinctions of Mesozoic Biota: M. N. Bramlette; Extrasensory Induction of Brain Waves:—
T. R. Scott; V. G. Latiee and B. Weiss; E. G. Boring; Evolution in Tennessee:
K. R. Barker; J. T. Tanner; Help Sought with History: R. W. Clark

EDITORIAL

Chemistry: Opportunities and Needs

ARTICLES

Hard-Sphere Fluid: H. L. Frisch
The Ethical Basis of Science: B. Glass
Preserving Vegetation in Parks and Wilderness: E. C. Stone

NEWS AND COMMENT

Chemistry: Academy Study Calls for Increased Support—NDEA Fellowships:
Expansion—HEW: Great Expectations—Education Compact: States Join

BOOK REVIEWS

The Academy of Sciences of the U.S.S.R.: A. Vucinich

Foundations of Plasma Dynamics, reviewed by D. R. Whitehouse; other reviews by
S. R. Gross, M. Ostrofsky, C. D. Hellman, E. Colson, W. Brode, L. C. Dunn,

REPORTS

Structures in Carbonate Rocks Made Visible by Luminescence Petrography:
R. F. Sippel and E. D. Glover
Paleozoic Reef in Pakistan: C. Teichert and K. W. Stauffer
Ultrasound Chemical Effects on Pure Organic Liquids: A. Weissler,
I. Pecht, M. Anbar
Strontium Isotopes: Global Circulation after the Chinese Nuclear Explosion of
Amino Acid Changes Provoked by Streptomycin in a Polypeptide Synthesized in vitro:
D. Old and L. Gorini
Genetic Factors and Polypeptide Chain Subclasses of Human Immunoglobulin G
Detected in Chimpanzee Serums: F. P. Alepa and W. D. Terry
Active Transport of 5,5-Dimethyl-2,4-Oxazolidinedione:
J. M. Dietzchy and N. W. Carter

Adenovirus Multiplication: Genetic Relatedness of Tumorigenic Human Adenovirus Types 7, 12, and 18: S. Lacy and M. Green

Rabbit 19S Antibodies with Allotypic Specificities of the a-Locus Group:
G. W. Stemke and R. J. Fischer

Rotational Symmetry in Foot-and-Mouth Disease Virus and Models:
S. S. Breese, Jr., R. Trautmann, H. L. Bachracli

Hybridization of Glucose-6-Phosphate Dehydrogenase from Rat and Human Erythrocytes: E. Beutler and Z. Collins


Mescaline, 3,4-Dimethoxyphenylethylamine, and Adrenaline: Sites of Electroencephalographic Arousal: Y. Takeo and H. E. Hitwich

Defective RNA Synthesis in Lymphocytes from Patients with Primary Agammaglobulinemia: M. J. Cline and H. H. Fudenberg

Mammalian Retina: Associational Nerve Cells in Ganglion Cell Layer: A. Gallego and J. Cruz

Anopheles balabacensis balabacensis Identified as Vector of Simian Malaria in Malaysia: W. H. Cheong et al.


Color Vision in the Antelope Ground Squirrel: F. Crescielli and J. D. Pollack

Sleep: Changes in Threshold to Electroconvulsive Shock in Rats after Deprivation of “Paradoxical” Phase: H. B. Cohen and W. C. Deinten

Lateral Hypothalamus: Learning of Food-Seeking Response Motivated by Electrical Stimulation: E. E. Coons, M. Levak, N. E. Miller

Comments on Reports: Artificial Sweeteners: W. S. Cox; Hypothalamic Lesions and Disinhibition of Feeding: R. W. Reynolds

ASSOCIATION AFFAIRS
132nd AAAS Annual Meeting, Berkeley, California, 26–31 December 1965

MEETINGS
Forthcoming Events

COVER
Luminescence petrography reveals a vein structure in carbonatite which is not revealed by ordinary petrographic techniques. The vein luminesces brilliant orange, the bladed apatite crystals light violet, and the surrounding calcite dull orange. The upper photograph shows the same area of the thin section under tungsten illumination and between crossed Nicols (width of photograph about 1 centimeter). See page 1283. [R. F. Sippel and E. D. Glover, Socony Mobil Field Research Laboratory]
Editor's Summary