LETTERS
Medical School Funding: R. W. Berliner; Chemical Carcinogenesis: Dose-Response Extrapolation: D. B. Clayson; Chimpanzee Task Force Report: A. N. Rowan

EDITORIAL
International Cooperation in Earth Sciences

ARTICLES
Submarine Thermal Springs on the Galápagos Rift: J. B. Corliess et al.
Mobilizing Technology for Developing Countries: C. Weiss, Jr.

NEWS AND COMMENT
EPA Halts Most Use of Herbicide 2,4,5-T.
Another Successful Quake Forecast
Scholarly Exchanges with China
The Phenformin Ban: Is the Drug an Inminent Hazard?
Soviet Jailings Hit by 2400
Briefing: Yankee Know-How and the Oil of Olé; Save the Bureaucracy or the Sea Turtle?; Lab at Memphis State Hit by Xylene Killer.

RESEARCH NEWS
Blood Sugar and the Complications of Diabetes

BOOK REVIEWS
Black-Body Theory and the Quantum Discontinuity, reviewed by R. McCormmach; The Genetics of the Jews, A. G. Motulsky; The Reptile Ear, M. J. Mulroy; Social Play in Primates, C. Coe; Books Received

REPORTS
Molybdenum Disulfide in the Poorly Crystalline "Rag" Structure: R. R. Chianelli et al.
Defects of Bile Acid Synthesis in Zellweger’s Syndrome: R. F. Hanson et al.  
Cryptic Bioluminescence in a Midwater Shrimp: J. A. Warner, M. I. Latz,  
J. F. Case  
Phosphorylation of Isocitrate Dehydrogenase of Escherichia coli: M. Garnak  
and H. C. Reeves  
Cone Inputs to Ganglion Cells in Hereditary Retinal Degeneration:  
C. M. Cicerone, D. G. Green, L. J. Fisher  
DNA Repair and Longevity Assurance in Paramecium tetraurelia:  
J. Smith-Sonneborn  
Hybrid Myelomas Producing Antibodies Against a Human Neuroblastoma Antigen  
Present on Fetal Brain: R. H. Kennett and F. Gilbert  
Chemical Characterization of a Hormone That Promotes Cell Arrest in G2 in  
Complex Tissues: L. S. Evans et al.  
Multiple Sclerosis: Presence of Lymphatic Capillaries and Lymphoid  
Tissue in the Brain and Spinal Cord: J. W. Prineas  
Semliki Forest Virus: Cause of a Fatal Case of Human Encephalitis:  
W. R. Willems et al.  
Opioid Peptides Modulate Luteinizing Hormone Secretion During Sexual  
Maturation: M. S. Blank, A. E. Panerai, H. G. Friesen  
A Test of Some Models of Hemispheric Speech Organization in the Left- and  
Right-Handed: P. Satz  
Enduring Changes in Dopamine Receptor Cells of Pups from Drug Administration  
to Pregnant and Nursing Rats: H. Rosengarten and A. J. Friedhoff  
Technical Comments: HCN Did Not Condense to Give Heteropolypeptides on the  
Primitive Earth: J. P. Ferris, C. N. Matthews; Infant Perception of  
Visually Presented Objects: T. G. R. Bower, J. Dunkeld, J. G. Wishart;  
P. C. Dodwell, D. W. Muir, D. DiFranco; Primate Olfactory Behavior:  
D. F. Hennessy; B. M. Slotnick; D. A. Goldfoot et al.  

MEETING  
Gordon Research Conferences: A. M. Cruickshank  

COVER  
Polyoma virus protein coat model as seen in a false color x-ray radiograph.  
The icosahedrally symmetric capsid structure is viewed along a twofold  
axis. The negative was exposed successively through a red and blue filter to  
produce a shamrock green combination of cyan and yellow in the print. See  
page 1117. [William Saunders and D. L. D. Caspar, Rosenstiel Center, Brandeis University, Waltham, Mass.]