LETTERS
PCB's in Microscope Immersion Oil: H. S. Bennett and P. W. Albro; Plastic Sandbags: B. F. Molnia; Women in the Job Market: A. C. Dean and R. C. Dean; Invading the Unknown: E. F. Hartree; Scientist in the Senate: A. A. Meyerhoff; PCB Formation: J. R. Plummer and U. J. Klingebiel; Malignant Tumors in Monkeys: R. D. Kimbrough; Correct Formulas: M. Parvin; P. A. Samuelson

EDITORIAL
Agriculture, Research, and Shortages of Funds and Food: E. Epstein

ARTICLES
Thermal Conductivities of the Elements: R. W. Powell and Y. S. Toulokhian
Phototaxis and Sensory Transduction in Euglena: B. Diehn

NEWS AND COMMENT
Medical Evaluation: Design for a Comprehensive System
Law of the Sea Meeting: A Wet Blanket for Ocean Research
Medical Education: Harvard Reverts to Tradition

RESEARCH NEWS
Thin Film Optics: Still in the Exploratory Stage

BOOK REVIEWS
Turning Points in Western Technology, reviewed by L. Layton; The Collected Works of Leo Szilard, D. Hawkins; Insect and Mite Nutrition, H. F. van Emden; The Inorganic Chemistry of Biological Processes, R. H. Garrett; An Introduction to Acoustical Holography and Optical and Acoustical Holography, A. L. Bloom; L'Univers Relativiste, J. Silk; Books Received

REPORTS
Gravitational Evidence for a Low-Density Mass beneath the Galápagos Islands: J. E. Case et al.
Redistribution of Snowfall across a Mountain Range by Artificial Seeding: A Case Study: P. V. Hobbs and L. F. Radke
Montmorillonite: Electron-Optical Observations: N. Givens
Deep-Sea Species Diversity: Decreased Gastropod Diversity at Abyssal Depths:  
M. A. Rex ................................................................. 1051

Two Visual Systems in the Frog: D. Ingle ........................................ 1053

Enhanced Protein Adsorption at the Solid-Solution Interface: Dependence on  
Surface Charge: J. S. Mattson and C. A. Smith .................................. 1055

Breast Cancer: Induction of Differentiation by Embryonic Tissue:  
J. J. DeCosse et al. ........................................................................ 1057

Phenocopies of Pigmentary and Behavioral Effects of the Yellow Mutant in  
Drosophila Induced by α-Dimethyltyrosine: B. Burnet, K. Connolly,  
B. Harrison ................................................................................. 1059

Cytomegalovirus: Conversion of Nonpermissive Cells to a Permissive State  
for Virus Replication: S. St. Jeor and F. Rapp .................................. 1060

Catecholamine and Dibutyryl Cyclic AMP Effects on Myosin Adenosine  
Triphosphatase in Cultured Rat Heart Cells: I. Hawary, F. Hoover,  
B. Farley ...................................................................................... 1061

Thermophilic Ostracod: Aquatic Metazoan with the Highest Known Temperature  
Tolerance: C. E. Wickstrom and R. W. Castenholz ................................. 1063

Synthesis of RNA–Polyadenylic Acid by Isolated Brain Nuclei: S. P. Banks  
and T. C. Johnson ...................................................................... 1064

Kinestosomes in Insect Epidermal Cells and Their Orientation with Respect to  
Cell Symmetry and Intercellular Patterning: J. M. Whitten .................... 1066

Adolescent Marihuana Use: Role of Parents and Peers: D. Kandel ............... 1067

Curvature as a Feature of Pattern Vision: L. A. Riggs ................................ 1070

Technical Comments: Hurricane Seeding Analysis: H. Sundquist; R. A. Howard,  
J. E. Matheson, D. W. North: Stable Limit Cycles in Prey-Predator  
Populations: F. Albrecn, H. Gatzke, N. Wax; R. M. May .................... 1072

Meetings  
Hormonal Regulation of Plant Growth and Morphogenesis: J. G. Torre y;  
Forthcoming Events .................................................................... 1075

Products and  
Materials  
Heavy Metal Analysis; Automatic Thermal Value Determinator; Controlled  
Temperature Optical Bench; Automatic All-Glass Still; Precision Syringe;  
Gamma Counters; Microdensitometer; Recording Osmometer; Literature .... 1091

Cover  
(Upper left) Optical effects produced by water droplets in a cloud photographed 10 minutes prior to seeding with silver iodide. After artificial seeding, optical effects produced by ice crystals appeared (upper right and lower left and right). See page 1043. [Photographs, upper left and right, P. V. Hobbs and L. F. Radke, Atmospheric Sciences Department, University of Washington, Seattle; photographs lower left and right, F. M. Turner, University of Washington]