LETTERS
Salary Increases: J. S. Dwight, Jr.; Retirement Funds: I. J. Solomon and S. Katz; Criteria of Death: M. G. Robertson; R. V. Lee; R. I. Wolfe

EDITORIAL
After the Stockholm Conference

ARTICLES
The Sulfur Cycle: W. W. Kellogg et al.
Factors Contributing to Current Distress in the Academic Community: T. J. Kennedy, Jr., I. F. Sherman, R. W. Lamont-Havers

NEWS AND COMMENT
TV Violence: Government Study Produces More Evidence, No Verdict
National Science Foundation: Managing Applied Research

RESEARCH TOPICS
Cosmic Rays: Detection with the Eye

BOOK REVIEWS
The Bacteriophage Lambda, reviewed by M. Schwartz; Evolution by Gene Duplication, J. B. Spofford; The Pineal Gland, R. A. Hoffman; Electrophysiology of the Central Nervous System, A. F. Mirsky; Low Temperature Spectroscopy, R. M. Hochstrasser; Absolute Configuration of Metal Complexes, B. Bosnich; Cosmic Gamma Rays, G. M. Frye, Jr.; Relativity and Gravitation, F. J. Zerilli; Volcanic Landforms and Surface Features, G. A. MacDonald

REPORTS
Apollo 12 Lunar Material: Effects on Lipid Levels of Tobacco Tissue Cultures: J. D. Weeke, C. H. Walkinshaw, J. L. Laseter
Calcium Hydroxide: Its Role in the Fracture of Tricalcium Silicate Paste: R. L. Berger
Uranium in Runoff from the Gulf of Mexico Distributive Province: Anomalous Concentrations: R. F. Spalding and W. M. Sackett
Pressure Blades and Total Cutting Edge: An Experiment in Lithic Technology: 
P. D. Sheets and G. R. Muto ........................................................................ 632
Spiral Waves of Chemical Activity: A. T. Winfree ...................................... 634
 Giant Amphipod from the Abyssal Pacific Ocean: R. R. Hessler, J. D. Isaacs, 
E. L. Mills .................................................................................................... 636
Ovulation in Hamster: Induction by \( \beta \) Subunit of Ovine Interstitial Cell Stimulating 
Hormone: W. H. Yang et al. ........................................................................ 637
Ecosystem Alteration by Mosquitofish (Gambusia affinis) Predation: 
S. H. Hurlbert, J. Zedler, D. Fairbanks .............................................................. 639
Cytochalasin B: Effects on Microfilaments and Movement of Melanin Granules 
within Melanocytes: J. McGuire and G. Moellmann .................................... 642
Tetraploid Origin of the Karyotype of Catostomid Fishes: T. Uyeno and G. R. Smith 644
A Fluorescent Modification of Adenosine Triphosphate with Activity in Enzyme Systems: 
1,\( N^2 \)-Ethenoadenosine Triphosphate: J. A. Secrett III, J. R. Barrio, N. J. Leonard 646
Crayfish Muscle Receptor Organ: Role in Regulation of Postural Flexion: 
C. H. Page and P. G. Sokolove ........................................................................ 647
Externally Suppressible Proline Quadruplet CCG\( ^c \): J. Yowno and T. Kohno 650
Membrane Continuity between Plasmalemma and Nuclear Envelope in Spermatogenic 
Cells of Blasta: Z. B. Carothers .................................................................. 652
Growth Retardation in Offspring of Female Rats Treated with Morphine Prior to 
Conception: G. Friedler and J. Cochlin .......................................................... 654
Inhibition of the Renin-Angiotensinogen Reaction by Pepstatin: F. Gross, J. Lazar, 
H. Orth ........................................................................................................... 656
Seminal Vesicle Formation and Specific Male Protein Secretion by Female 
Cells in Allophonic Mice: B. Mintz et al. ....................................................... 657
Parasympathetic Ganglia: Activation of an Adrenergic Inhibitory Mechanism by 
Cholinomimetic Agents: W. R. Saum and W. C. de Groat ............................ 659
Neuronal Correlates of Eye Movements in the Visual Cortex of the Cat: H. Noda, 
R. B. Freeman, Jr., O. D. Creutzfeldt ................................................................ 661
Magnetoecephalography: Detection of the Brain's Electrical Activity with a 
Superconducting Magnetometer: D. Cohen ................................................... 664
Technical Comment: Behavior of B-Chromosomes in Xanthisma texanum DC.: 
A Nonrandom Phenomenon: J. C. Semple .................................................... 666

ASSOCIATION AFFAIRS Water Importation: AAAS Committee on Arid Lands 667

COVER Involute spiral waves propagating after 
disruption of spontaneously formed 
circular waves in a layer (1 millimeter 
in depth) of Zhabotinsky-Zaikin re-
agent. Small circles are carbon di-
oxide bubbles. Rotation period is 60 
seconds; propagation velocity is 3.3 
millimeters per minute at 6°C (actual 
size of dish, 9 centimeters in diam-
eter). See page 634. [Ken Harvey, 
Photographic Section, MRC Labora-
tory of Molecular Biology, Cambridge, 
England]