LETTERS
Jargon and "The Juice"; W. Spindel; Obstetrical Medication Study: S. H. Broman; G. B. Kolata; Y. Brackbill

EDITORIAL
International Oil Prices

ARTICLES
Nucleotide Sequence Specificity of Restriction Endonucleases: H. O. Smith
Chemotherapy of Parasitic Worms: New Biochemical Strategies: T. E. Mansour

NEWS AND COMMENT
Institute Idea Divides Mathematicians
Environmentalists Chide Carter
Patent Bill Returns Bright Idea to Inventor
Briefing: FDA Bans Speed in Diet Pills; Costs Still Climbing at Three Mile Island; Selling SALT Among the Scientists
Whistle Blower Reinstated at HEW

RESEARCH NEWS
Making Nondestructive Evaluation a Science

AAAS NEWS
Nineteen Media Fellows in 1979 Program; Chautauqua-Type Short Courses for Nonacademic Scientists and Engineers; Arkansas Energy Seminar Planned; Mellon Foundation Grants Award to AAAS; AAAS Climate Project Under Way; 1979 SWARM Meeting; Workshop on Women and Development Held: K. Ehrlich; Local MWIS Plan Career Days; 1978 AAAS Summary Financial Statements

BOOK REVIEWS
Diversity of Insect Faunas, reviewed by R. B. Root; Contrasts in Behavior, R. E. Thresher; Cyclic Nucleotides, Phosphorylated Proteins, and Neuronal
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

Function, C. R. Creveling; Ions Lourds et Mésions en Physique Nucléaire, K. W. McVoy; Reactive Intermediates, D. Seyferth; Books Received

REPORTS

Oil and Gas in Offshore Tracts: Estimates Before and After Drilling: M. F. Uman, W. R. James, H. R. Tomlinson

Magnetospheres of the Galilean Satellites: M. G. Kivelson, J. A. Slavin, D. J. Southwood

Solitons in a Reaction-Diffusion System: H. C. Tuckwell

Microcracking and Healing in Granites: New Evidence from Cathodoluminescence: E. S. Sprunt and A. Nur

Histofluorescence Techniques Provide Evidence for Dopamine-Containing Neuronal Elements in Canine Kidney: R. J. Dinerstein et al.

Heparin Neutralization of PGI2: Effects upon Platelets: H. I. Saba et al.

Iodide-Induced Hypothyroidism: A Potential Hazard During Perinatal Life: T. Theodoropoulos, L. E. Braverman, A. G. Vagenakis

Giant Interneurons Mediating Equilibrium Reception in an Insect: H. B. Hartman et al.

Platelet Aggregation Induced by Ultrasound Under Specialized Conditions in vitro: D. L. Miller, W. L. Nyborg, C. C. Whitcomb

Prevention of Fungal Infection of Plants by Specific Inhibition of Cutinase: I. B. Maiti and P. E. Kolattukudy

A Relationship Between DNA Helix Stability and Recognition Sites for RNA Polymerase: H. J. Vollenweider, M. Fiedler, W. Szybalski


Stress and Coping Factors Influence Tumor Growth: L. S. Sklar and H. Anisman

Dissociations Between the Effects of LSD on Behavior and Raphe Unit Activity in Freely Moving Cats: M. E. Trulson and B. L. Jacobs

6-Hydroxydopamine Potentiates Acute Herpes Simplex Virus Infection of the Superior Cervical Ganglion in Mice: R. W. Price

Technical Comments: Normal Levels of 5'-Nucleotidase Activity in Lymphocytes from Patients with X-Linked Agammaglobulinemia: P. J. Edelson and J. Schwaber; N. L. Edwards and I. H. Fox; Mechanism of Brain Growth by Environmental Stimulation: P. A. Perchmin and V. A. Eterovic; R. A. Cummins et al.}

COVER

Photomicrograph of formaldehyde-induced catecholamine fluorescence of canine renal arcuate artery in cross section (about × 350). The punctate fluorescence in the periadventitia is derived from predominantly norepinephrine-containing neuronal elements, while the elastic layer of the artery as well as the renal tubules exhibit autofluorescence. In contrast, the catecholamine fluorescence associated with the glomerular vascular poles is shown to be primarily derived from dopamine. See page 497. [Robert J. Dinerstein, University of Chicago, Chicago, Illinois]