LETTERS


EDITORIAL

Paper Mills: A. Etzioni ............................................ 325

ARTICLES

The Emergence of Biochemistry: J. S. Fruton ............................................ 327
Hemerythrin: Alternative Oxygen Carrier: I. M. Klotz, G. L. Klippenstein, W. A. Hendrickson ............................................ 335
Educational Uses of the PLATO Computer System: S. G. Smith and B. A. Sherwood ............................................ 344

NEWS AND COMMENT

Sulfur Pollution: Charges That EPA Distorted the Data Are Examined ............................................ 352
Universities and the Law: Legislation, Regulation, Litigation ............................................ 354
Plutonium: Its Morality Questioned by National Council of Churches ............................................ 356

RESEARCH NEWS

Electron Microscopy: Imaging Molecules in Three Dimensions ............................................ 360
The Coldest Planet: Methane Ice Found on Pluto ............................................ 362

BOOK REVIEWS

The Mackenzie-McNaughton Wartime Letters, reviewed by M. Gowing; Physiological Aspects of Deep Sea Biology, A. A. Yayanos; 'Simple' Nervous Systems, D. Kennedy; Subunit Enzymes, D. E. Atkinson; Books Received ............................................ 363

REPORTS

A Western Boundary Current in the Gulf of Mexico: W. Sturges and J. P. Blaha ............................................ 367
An Inhibitor of Macrophage Chemotaxis Produced by Neoplasms: R. Snyderman and M. C. Pike

Growth Promotion by Homocysteic Acid: P. Clopath, V. C. Smith, K. S. McCully

Peripheral Blood Elements Found in an Egyptian Mummy: A Three-Dimensional View: J. M. Riddle et al.

Leaf Pubescence: Effect on Absorptance and Photosynthesis in a Desert Shrub: J. E. Ehleringer, 0. B. Bjorkman, H. A. Mooney

Peripheral Blood Elements Found in an Egyptian Mummy: A Three-Dimensional View: J. M. Riddle et al.

Sexual Differences in the Auditory System of the Tree Frog Eleutherodactylus coqui: P. M. Narins and R. R. Capranica

Incentive Contrast in Honey Bees: M. E. Bitterman

Hyperphagia and Obesity Following Serotonin Depletion by Intraventricular 5,7-Dihydroxytryptamine: S. T. Breisch, F. P. Zemlan, B. G. Hoebel

Hyperphagia and Increased Growth in Rats After Intraventricular Injection of d-Amphetamine-Induced Inhibition of Central Dopaminergic Neurons: Mediation by a Striato-Nigral Feedback Pathway: B. S. Bunney and G. K. Aghajanian

Stable and Plastic Unit Discharge Patterns During Behavioral Generalization: A. Ramos, E. L. Schwartz, E. R. John

Technical Comments: Hydrogen Produced from Decomposition of Methanol During Engine Compression?: D. L. Hilden and R. F. Stebar; T. B. Reed and R. M. Lerner

PRODUCTS AND MATERIALS

Perfusion Indicator; Pipette for Platelet-Rich Plasma; Anaerobic Workbench; Immunofluorometric System; Refrigerated Low-Speed Centrifuge; Yeast Identification System; Literature

COVER

"Pincushion grid." Note the illusion of criss-crossing diagonal white lines, which are intensified by rotating the cover 45 degrees. See page 389. [R. A. Schachar, Texoma Eye Institute, Denison, Texas 75020]