LETTERS

EDITORIAL
Education and the Job Market: C. R. Wharton

ARTICLES
Arene Oxides: A New Aspect of Drug Metabolism: D. M. Jerina and J. W. Daly
Immigration Composition and Population Policy: C. B. Keely

NEWS AND COMMENT
American Medical Students Abroad: Group Finds Way in French System
Social Science at NSF Needs Pruning, Says Proxmire
Robert L. Heilbroner: Portrait of a World without Science
The Destroying Angel: A Story of a Search for an Antidote

RESEARCH NEWS
Uranium Enrichment: Laser Methods Nearing Full-Scale Test
Control of Protein Synthesis (II): RNA in the Nucleus

BOOK REVIEWS
The Use of Time, reviewed by H. Hymen; Gamma-Ray Astrophysics, M. Harwit; Currents in Hadron Physics, A. Zee; Symbiosis in the Sea: E. R. Noble; Genetics and Mutagenesis of Fish: J. W. Atz
REPORTS

Ammonia Flux into the Atmosphere from a Grazed Pasture: O. T. Denmead, J. R. Simpson, J. R. Freney .............................................................. 609

Photosynthetic Mechanisms and Paleocology from Carbon Isotope Ratios in Ancient Specimens of C4 and CAM Plants: J. H. Troughton, P. V. Wells, H. A. Mooney .......................................................... 610

Genetic Variation in Coumarin Hydroxylase Activity in the Mouse (Mus musculus): A. W. Wood and A. H. Conney ........................................ 612

Sex Pheromones and Reproductive Isolation of the Lesser Peachtree Borer and the Peachtree Borer: J. H. Tumlinson et al. ........................................ 614

Raman Spectroscopic Investigation of Gramicidin A' Conformations: K. J. Rothschild and H. E. Stanley ...................................................... 616

Chromosomes of the Chocolate Gourami: A Cytogenetic Anomaly: M. S. Calton and T. E. Denton ......................................................... 618

Control of Membrane K+ Permeability in a Hyperpolarizing Photoreceptor: Similar Effects of Light and Metabolic Inhibitors: A. L. F. Gorman and J. S. McReynolds 620

Blepharmone: A Conjugation-Inducing Glycoprotein in the Ciliate Blepharisma: A. Miyake and J. Beyer ......................................................... 621

Neurochemical Correlate of a Spatial Preference in Rats: B. Zimmerberg, S. D. Glick, T. P. Jerussi ................................................................. 623

Enduring Learning Deficits and Cerebral Synaptic Malformation from Exposure to 10 Parts of Halothane per Million: K. L. Quimby et al. ........... 625

Technical Comments: Interpreting the Failures to Confirm the Depression of Cerebellar Purkinje Cells by Cyclic AMP: F. E. Bloom, G. R. Siggins, B. J. Hoffer; The Tuned-Receptor Paradigm: P. Hillman; G. S. Wassereman; Mitochondrial Morphology: G. W. Grimes, H. R. Mahler, P. S. Perlman; H.-P. Hoffmann and C. J. Avers .......................................................... 627

COVER

"... Give me your tired, your poor, Your huddled masses yearning to breathe free, The wretched refuse of your teeming shore, Send these, the homeless, tempest-tossed, to me: I lift my lamp beside the golden door." See page 587. [Drawing by Richard Pelliacci, Pelham, New York]