LETTERS

EDITORIAL
The Relation of Science and Technology: E. E. David, Jr.

ARTICLES
Education and Science in China: E. Signer and A. W. Galston
Health Care Experiment at Many Farms: W. McDermott, K. W. Deuschle, C. R. Barnett
Technological “Shortcuts” to Social Change: A. Etzioni and R. Remp

NEWS AND COMMENT
City College of New York: Bearing the Brunt of Open Admissions
Ethics: Biomedical Advances Confront Public, Politicians, as well as Professionals with New Issues
AAAS Meeting: Pro Forma Protest and Constitutional Reform
Pollution: Military’s Cleanup Stresses Plumbing, Not R&D

RESEARCH TOPICS
Ecosystem Analysis: Biome Approach to Environmental Research

BOOK REVIEWS
Chance and Necessity, reviewed by Th. Dobzhansky; Science and Civilisation in China, D. Pong; The Sea, C. G. A. Harrison; The Nature of Ball Lightning, M. A. Uman; The Conceptual Foundations of Contemporary Relativity Theory, D. R. Brill; Physics of Crystalline Dielectrics, J. D. Dow

REPORTS
Atmospheric Oxygen: Isotopic Composition and Solubility Fractionation: P. Kroopnick and H. Craig
Moon: Possible Nature of the Body That Produced the Imbrian Basin, from the Composition of Apollo 14 Samples: R. Ganapathy et al.
Chondrules in Apollo 14 Samples: Implications for the Origin of Chondritic Meteorites: E. A. King, Jr., M. F. Carman, J. C. Butler
X-ray Structure of Racemic Glycerol 1,2-(Di-11-bromoundecanoate)-3- (p-Toluenesulfonate): P. H. Watts, Jr., W. A. Pangborn, A. Hybl ........ 60
Gametogony of Sarcozystis sp. in Cell Culture: R. Fayer .......... 65
Mechanism of Gonadotropin Action in Amphibia: Involvement of Mitochondria: J. P. Wiebe .......... 67
Isovaleric and α-Methylbutyric Acidemias Induced by Hypoglycin A: Mechanism of Jamaican Vomiting Sickness: K. Tanaka, K. J. Isselbacher, V. Shih .......... 69
Circadian Rhythm in Uptake of Tritiated Thymidine by Kidney, Parotid, and Duodenum of Isoproterenol-Treated Mice: E. R. Burns, L. E. Scheving, T. Tsai .......... 71
Cyclic Adenosine Monophosphate Stimulation of Axonal Elongation: F. J. Roisen et al. .......... 73
Prehistory of the Formosan Uplands: J. M. Triestman .......... 74
Systemic Activity of a Juvenile Hormone Analog: T. H. Babu and K. Sláma .......... 78
Thyroid State: Effects of Pre- and Postsynaptic Central Noradrenergic Mechanisms: W. Emlen, D. S. Segal, A. J. Mandell .......... 79
Prenatal Stress Feminizes and Demasculinizes the Behavior of Males: I. L. Ward .......... 82
Olfactory Bulb Units: Activity Correlated with Inhalation Cycles and Odor Quality: F. Macrides and S. L. Chorover .......... 84
Theta Rhythm: A Temporal Correlate of Memory Storage Processes in the Rat: P. W. Landfield, J. L. McGaugh, R. J. Tusa .......... 87
Voluntary Control of Human Cardiovascular Integration and Differentiation through Feedback and Reward: G. E. Schwartz .......... 90
Backward Enhancement?: W. N. Dember and M. Steff .......... 93


Three-dimensional response surface which analyzes the firing pattern of a single neuron in the olfactory bulb of Poromyscus maniculatus bairdii. See page 84. [Foteos Macrides, Massachusetts Institute of Technology, Cambridge]
175 (4017)

Science 175 (4017), 8-96.