7 December 1973

Volume 182, No. 4116

LETTERS
Automotive Emissions: A. C. Nixon; Energy Conservation: A. Blair; F. A. Ford; A. S. Denholm; S. S. Bretsky; C. A. Berg .............................................. 967

EDITORIAL
Prevention of Cancer ........................................................................... 973

ARTICLES
Seaweeds: Their Productivity and Strategy for Growth: K. H. Mann .......... 975
The Relative Operating Characteristic in Psychology: J. A. Swets .......... 990

NEWS AND COMMENT
Sloan-Kettering: The Trials of an Apricot Pit—1973 ............................ 1000
Protection Sought for Satirists and Whistle Blowers ......................... 1002
Lexington Narcotics Hospital: A Special Sort of Alma ....................... 1004
RANN Symposium: NSF Puts Its Brainchild on Display ...................... 1006

RESEARCH NEWS
Repeated DNA: Molecular Genetics of Higher Organisms ..................... 1009

BOOK REVIEWS
The Settlement of Polynesia, reviewed by J. Terrell; Natural Environments, P. H. Pearse; History of Entomology, R. A. Crowson; Ectomycorrhizae, I. Major; Protein-Protein Interactions, M. L. Hackett; The Enzymes of Glutamine Metabolism, P. M. Anderson; Radiation Processes in the Atmosphere, J. Gille; Books Received .............................................. 1018

REPORTS
Glacier in Chile Ended a Major Readvance about 36,000 Years Ago: Some Global Comparisons: J. H. Mercer and C. A. Laugenie ......................... 1017
Radiation Belts of Jupiter: K. G. Stansberry and R. S. White 1020
Hyperactivity and Brain Catecholamines in Lead-Exposed Developing Rats: M. W. Sauerhoff and I. A. Michaelson 1022
Electrophoretic Variation in Escherichia coli from Natural Sources: R. Milkman 1024
Hepatitis A: Detection by Immune Electron Microscopy of a Viruslike Antigen Associated with Acute Illness: S. M. Feinstone, A. Z. Kapikian, R. H. Purcell 1026
Color Changes, Unusual Melanosomes, and a New Pigment from Leaf Frogs: J. T. Bagnara, J. D. Taylor, G. Prota 1034
Neural Correlate of Perceptual Adaptation to Gratings: L. Maffei, A. Fiorentini, S. Bisti 1036
Stimulus Change Contemporaneous with Food Presentation Maintains Responding in the Presence of Free Food: R. F. Wallace et al. 1038
Long-Term Sensitization of a Defensive Withdrawal Reflex in Aplysia: H. M. Pinsker et al. 1039

Challenges for Science Education: D. I. Phillips 1048
Editor's Summary