LETTERS

EDITORIAL
The Research and Development Pork Barrel

ARTICLES
Lasers: A. L. Schawlow
Early Man in East Africa: P. V. Tobias
Cell Division and Cancer: A. Szent-Györgyi

NEWS AND COMMENT
Soviet Bloc Science: Tale of a Defector—Congress: On Research and Higher Education

BOOK REVIEWS
The Barker Index of Crystals, 1951–1964: A. Pabst

REPORTS
Infrared Spectra as a Means of Determining Botanical Sources of Amber: J. H. Langenheim and C. W. Beck
Uranium-Series Ages of Pacific Atoll Coral: D. L. Thurber et al.
Uranium-Series Dating of Corals and Oolites from Bahaman and Florida Key Limestones: W. S. Broecker and D. L. Thurber
Tritium and Phosphorus-32 in High-Resolution Autoradiography: L. G. Caro and M. Schnös
Reduction of Trimethylenedipryidyl with Illuminated Chloroplasts: C. C. Black ........................................ 62
Psychrometric Measurement of Leaf Water Potential: Lack of Error Attributable to Leaf Permeability: H. D. Bars ........................................ 63
Active Uptake of Sodium by Softshell Turtles (Trionyx spinifer): W. A. Dunson and R. D. Weymouth ................ 67
Mutation of the Blue-Green Alga, Anacystis nidulans: C. Van Baalen ........................................ 70
Nature of the Excitatory Sarcoplasmic Reticular Junction: G. Hoyle ........................................ 70
Lipase: Localization in Adipose Tissue: M. S. Moskowitz and A. A. Moskowitz ........................................ 72
Activity in Mammalian Peripheral Nerves during Supercooling: L. K. Miller ........................................ 74
Ultrastructure of Vegetative and Reproductive Apices of Chenopodium album: E. M. Gifford, Jr., and K. D. Stewart ................ 75
Ribosomes from Escherichia coli: Lack of Specificity for Viral RNA: J. E. Dahlberg and R. Haselkorn ................ 78
Alcohol Dehydrogenase in Drosophila melanogaster: Isozymes and Genetic Variants: E. H. Grell, K. B. Jacobson, J. B. Murphy ........................................ 80
Abrogation of Allogeneic Inhibition by Cortisone: K. E. Hellström, I. Hellström, G. Haughton ........................................ 82
Nonspecific Binding of Complement by Digestion Fragments from Antiviral Gamma Globulin: N. E. Cremer et al. ........................................ 84
Stimulus Variables Determining Space Perception in Infants: T. G. R. Bower ........................................ 88
Cerebral Temperature Changes Accompanying Sexual Activity in the Male Rat: C. D. Hull, J. Garcia, E. Craciolo ........................................ 89
Hypothalamic Motivational Processes as Reflected by Their Hippocampal Electrical Correlates: E. Grastyan et al. ........................................ 91

MEETINGS

Colston Symposium: Marine Geology and Geophysics: R. S. Dietz; Forthcoming Events ........................................ 94

COVER

Softshell turtle (Trionyx spinifer spinifer) in a sunning position under a lamp. These aquatic turtles are able to breathe under water because of their pharyngeal villi. The animals regulate sodium concentrations in their body fluids by active uptake of sodium from their fresh-water environment. See page 67. [William A. Dunson, University of Michigan]
Editor's Summary

This copy is for your personal, non-commercial use only.

Article Tools
Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/149/3679.citation

Permissions
Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl