LETTERS  Organic Farming Methods: S. R. Aldrich; Excess of Bladder Cancer in Beauticians?: J. Menkert; Succulent Stalks: G. N. Tsandoulas ................................. 96

EDITORIAL  Grade Inflation: A. Etzioni .................................................. 101

ARTICLES  Manned Submersible Observations in the FAMOUS Area: Mid-Atlantic Ridge: R. D. Ballard et al. ......................................................... 103
Transform Fault and Rift Valley from Bathyscaphe and Diving Saucer: ARCYANA ............. 108
Processing of Newly Synthesized Histone Molecules: A. Ruiz-Carrillo, L. J. Wangh, V. G. Allfrey ........................................................... 117

NEWS AND COMMENT  Solar Research Sweepstakes: States Vie for a Place in the Sun .................. 128
Aircraft Carriers: Pentagon Split on Issue That Will Shape Navy's Future ......................... 130
Zumwalt Decrees Nuclear Theology ............................................................ 131
Zen and the Art of Big Mirror Making .................................................................. 132
Kleppe for Interior: Senators Give an Old Friend Kid Glove Treatment ....................... 134

RESEARCH NEWS  Ribosomes (I): Genetic Studies with Viruses ......................................... 136
Magnetic Monopole Reconsidered: Another Interpretation ............................................. 137

BOOK REVIEWS  The Psychology of Sex Differences, reviewed by W. Emmerich; Cell Patterning, M. A. Russell; Evolution and Extinction Rate Controls, J. W. Valentine; Books Received .................................................. 140
Mantle Plume Mixing Along the Reykjanes Ridge Axis: Leading Isotopic Evidence: S.-S. Sun, M. Tatsumoto, J.-G. Schilling
Flooding Frequency of Hypersaline Coastal Environments Determined by Orbital Imagery: Geologic Implications: S. P. Vonder Haar and D. S. Gorsline
Hydrogen Cyanide Production During Reduction of Nitric Oxide over Platinum Catalysts: R. J. H. Voorhoeve et al.
The Cation H$_3$O$_4^-$: A Short, Symmetric Hydrogen Bond: R. A. Bell et al.
Hyperbaric Hydrogen Therapy: A Possible Treatment for Cancer: M. Dole, F. R. Wilson, W. P. Fife
Implication of Phlebotomus Sand Flies as Vectors of Bartonellosis and Leishmaniasis as Early as 1764: A. Herrer and H. A. Christensen.
Delivery of Quaternary Pyridinium Salt Across the Blood-Brain Barrier by Its Dihydropyridine Derivative: N. Bodor, E. Shek, T. Higuchi
Neurotransmitters Increase Cyclic Nucleotides in Postganglionic Neurons: Immunocytochemical Demonstration: J. W. Kebabian et al.
Genetic Control of Chloroform Toxicity in Mice: R. N. Hill et al.
Somatostatin Suppresses Secretin and Pancreatic Exocrine Secretion: G. Boden et al.
Food Preference and Length of Life: M. H. Ross and G. Bras
Satiety: A Graded Behavioral Phenomenon Regulating Caloric Intake: P. R. McHugh, T. H. Moran, G. N. Barton
Sexual Inhibition Is Reduced by Rostral Midbrain Lesions in Male Rat: T. K. Clark et al.
Technical Comments: Glucose-6-Phosphate Deficiency and Inhibition by NADPH; A Self-Contradictory Argument: H. N. Kirkman and G. D. Gaetani; A. Yoshida

Microprocessor for Spectrometry: Blood Cell Counter; Column Packing Material; Ultracentrifuge; Fume Hood; Blood Lead Screening Fluorimeter; Aerosol Hologram Analyzer; Literature

Portions of a difference map for the H$_3$O$_4^-$ ion and the surrounding C$_5^-$ ions showing the electron density associated with the hydrogen atoms. Contours are drawn at 0.2, 0.3, and 0.4 electron/Å$^3$. See page 151. [R. A. Bell et al., California Institute of Technology, Pasadena, California]
This copy is for your personal, non-commercial use only.

**Editor's Summary**

**Article Tools**  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/190/4210.citation

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