LETTERS
International Cancer Congress: The View from Argentina: J. Rivera and J. V. Uriburu; Liposomes: European Research: G. Gregoriadis

EDITORIAL
The Golden Age of the Geoscientist: G. M. Friedman

ARTICLES
Volatile Metal Complexes: R. E. Sievers and J. E. Sadlowski
Other Tastes, Other Worlds: V. G. Dethier

NEWS AND COMMENT
The Mystery of the Shroud of Turin Challenges 20th-Century Science
Britain's National Health Service: It Works and They Like It, But—

RESEARCH NEWS
Synchrotron Radiation: New Window on Metalloprotein Structure
Particle Theory: Stanford Electron Experiment Closes Options

BOOK REVIEWS
Plant Relations in Pastures, reviewed by S. K. Jain; Evolution of the Atmosphere, R. M. Garrels; Cancer Invasion and Metastasis, R. Pollack; Books Received

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REPORTS

Mantle Uplifted Block in the Western Indian Ocean: E. Bonatti and P. R. Hamlyn ................................................................. 249

Periodic Freshwater Flooding and Stagnation of the Eastern Mediterranean Sea During the Late Quaternary: D. F. Williams, R. C. Thunell, J. P. Kennett .... 252

Pressure-Adaptive Differences in Lactate Dehydrogenases of Congeneric Fishes Living at Different Depths: J. Siebenaller and G. N. Somero ................. 255

Lα-Edge Anomalous X-ray Scattering by Cesium Measured with Synchrotron Radiation: J. C. Phillips et al. .................................................. 257

Enzyme-Linked Immunosorbent Assay for Identification of Rotaviruses from Different Animal Species: R. H. Yolken et al. .................................. 259

Neuroleptic-Induced “Anhedonia” in Rats: Pimozide Blocks Reward Quality of Food: R. A. Wise et al. .................................................. 262

Physiological Basis of Anisometropic Amblyopia: H. M. Eggers and C. Blakemore .............................................................. 264

Chronically Decerebrate Rats Demonstrate Satiation But Not Bait Shyness: H. J. Grill and R. Norgren ...................................................... 267


Physostigmine: Improvement of Long-Term Memory Processes in Normal Humans: K. L. Davis et al. .............................................. 272

Human Serial Learning: Enhancement with Arecholine and Choline and Impairment with Scopolamine: N. Sitaram, H. Weingartner, J. C. Gillin ........................................... 274

Long-Term Changes in Dopaminergic Innervation of Caudate Nucleus After Continuous Amphetamine Administration: G. Ellison et al. .................. 276


COVER

Sebastolobus alascanus. The muscle-type lactate dehydrogenase of this scorpaenid fish is markedly more sensitive to moderate hydrostatic pressures than is the homologous enzyme of its deeper-living congenor, Sebastolobus altivelis. Such pressure-adaptive differences may be important in establishing species depth zonation patterns in the sea. See page 255. [Thomas W. Okita, Scripps Institution of Oceanography, University of California, San Diego]