LETTERS


EDITORIAL

Science: Too Much Accountability: E. A. Shneour ................. 939

ARTICLES

Paleogeographic Reconstructions of Coastal Aegean Archaeological Sites: J. C. Kraft, S. E. Aschenbrenner, G. Rapp, Jr. .................. 941


NEWS AND COMMENT

Carter's Budget: Little Biomedical Growth; Energy Conservation Pushed; Breeder and Other Long-Term Energy Projects Cut Back .......... 961

Science in Europe/Nuclear Wastes Stymie West Germans .......... 962

AAAS Meeting: Drought Was the Topic of the Week .......... 964

Brzezinski: Role of Science in Society and Foreign Policy .......... 966

RESEARCH NEWS

The EAE Model: A Tentative Connection to Multiple Sclerosis .......... 969

The Breeder: French Prototype Shut Down for Repairs .......... 972

BOOK REVIEWS

The Professor, the Institute, and DNA, reviewed by A. W. Ravin; Multiplication and Division in Mammalian Cells, H. Rubin; Ant Larvae, E. O. Wilson; The Physics of Electronic and Atomic Collisions and Electron and Photon Interactions with Atoms, A. Dalagorno; Books Received and Book Order Service .......... 973
REPORTS

Lunar Soil: Iron and Titanium Bands in the Glass Fraction: *E. Wells* and *B. Hapke* 977

Sulfate Aerosol: Its Geographical Extent in the Midwestern and Southern United States: *R. E. Weiss* et al. 979

A Cheetah-Like Cat in the North American Pleistocene: *L. D. Martin*, *B. M. Gilbert*, *D. B. Adams* 981

Possible Cyclic Nucleotide Regulation of Calcium Mediating Myocardial Contraction: *A. Schwartz* et al. 982

First Occurrence of the Garnet-Ilmenite Transition in Silicates: *L.-G. Liu* 990

Reduced Warfarin Binding of Albumin Variants: *G. W. Wilding*, *B. S. Blumberg*, *E. S. Vesell* 991

25-Hydroxycholecalciferol to 1,25-Dihydroxycholecalciferol: Conversion Impaired by Systemic Metabolic Acidosis: *S. W. Lee*, *J. Russell*, *L. V. Avioli* 994

Aequorin Luminescence: Relation of Light Emission to Calcium Concentration—A Calcium-Independent Component: *D. G. Allen*, *J. R. Blinks*, *F. G. Prendergast* 996

Conjugal Transfer of the Gonococcal Penicillinase Plasmid: *B. I. Eisenstein* et al. 998

Conditioned Narcotic Withdrawal in Humans: *C. P. O'Brien* et al. 1000

Species Identification in the North American Cowbird: Appropriate Responses to Abnormal Song: *A. P. King* and *M. J. West* 1002

Phenylethanolamine: A New Putative Neurotransmitter in Aplysia: *J. M. Saavedra* et al. 1004

Ecdysis: Neural Orchestration of a Complex Behavioral Performance: *J. R. Carlson* and *D. Bentley* 1006

MEETINGS

Gordon Research Conferences: *A. M. Cruickshank* 1009

PRODUCTS AND MATERIALS

Gas Chromatograph–Mass Spectrometer; Automated Peptide Synthesizer; Separatory Funnel Shaker; Hand Pump System for Membrane Filtration; Fume Hood; Image Display System; Dissolved Oxygen Meter; Literature 1036

COVER

Two species of North American cats. (Top) Restoration of extinct, cheetah-like cat (*Felis trumani*), late Pleistocene, North America; (bottom) living mountain lion (*Felis concolor*), late Pleistocene and recent of North and South America. See page 981. [Drawings by D. Adams]