LETTERS

When Should the Gas Guzzler Go?: R. G. Chamberlain; Brown’s Administrative Philosophy: C. Pope

EDITORIAL

Diversion of Funds from Research

ARTICLES

Computer Models of Crystal Growth: G. H. Gilmer

Immunomicrospheres: Reagents for Cell Labeling and Separation: A. Rembaum and W. J. Dreyer

The Proliferation of Scientific Literature: A Natural Process: J. M. Ziman

Comment on Societal Risk: D. Okrent

NEWS AND COMMENT

Antibiotics in the Barnyard

Discovery by Decree

Rain Forests Vanishing

NMC Thrives Selling Dialysis

Insider’s Account of Pollution in U.S.S.R.

Briefing: Commissioner Gilinsky Challenges New NRC Plan; MX Missile: A Step Backward for Metric; NSF Finds Slower Growth in Scientific Work Force

Voyager Beguiled by Jovian Carrousel

Gene Transfer Given a New Twist

100 Years of SCIENCE: The X-Rays; Scientific Literature; Scientific Investigation and Progress

BOOK REVIEWS

Wildlife and America, reviewed by R. D. Taber; Fungal Walls and Hyphal Growth, R. Storch; Physiology of Movements, B. G. Pickard; Hormones and Cell Culture, R. Pollack; Lithostratigraphic Analysis of Sedimentary Basins, C. J. Mann; Books Received

OARD OF DIRECTORS

KENNETH E. BOULDING
HARLEY D. GILMAN
Ralph M. T. Mustin
President

FREDERICK MOSTELLER
HARLEY D. GILMAN
Ralph M. T. Mustin
President

D. ALLAN BROMLEY
ELOISE E. CLARK
MARTIN M. CUMMINGS
RENEE C. FOX
ELECTION-ELECTION

MATHEMATICS (A)
Herbert B. Keller
Ronald Graham

PHYSICS (B)
William M. Fairbank
Rolf M. Sinclair

CHEMISTRY (C)
H. S. Gutowsky
William L. Jolly

ASTRONOMY (D)
Tobias Owen
Donal G. Wirtz

PSYCHOLOGY (E)
Lloyd G. Humphreys
Meredith P. Crawford

SOCIAL AND ECONOMIC SCIENCES (F)
Kingsley Davis
Gillan Lindt

HISTORY AND PHILOSOPHY OF SCIENCE (G)
Brooke Hindle
Diana L. Hall

ENGINEERING (H)
H. Norman Abramson
Donald E. Marlowe

EDUCATION (I)
Joseph D. Novak
Roger G. Olstad

PHARMACEUTICAL SCIENCES (J)
Robert J. Gerco
Harold M. Fuller

INFORMATION, COMPUTING, AND COMMUNICATION (K)
Henry M. Kisman
Madeline M. Henderson

IVISIONS

ALASKA DIVISION
E. Lee Gorsuch
T. Neil Davis
William L. Sims

PACIFIC DIVISION
Executive Secretary
President
Executive Director
Sam Shushan
President
M. Michelle
Executive Director
Seasonal Movements in a Salt Glacier in Iran: C. J. Talbot and E. A. Rogers

Sounding the Stratosphere and Mesosphere by Infrared Limb Scanning from Space:
J. C. Gille et al.

Corrections in the Pioneer Venus Sounder Probe Gas Chromatographic Analysis of
the Lower Venus Atmosphere: V. I. Oyama, G. C. Carle, F. Woeller

Enhancement of Superconductivity through Lattice Softening:
B. T. Matthias et al.

Tumor-Promoting Phorbol Esters Stimulate Hematopoietic Colony Formation in
vivo: R. K. Stuart and J. A. Hamilton

Hydralazine-Pyrimidine Interactions May Explain Hydralazine-Induced Lupus
Erythematosus: L. M. Dubroff and R. J. Reid, Jr.

Allele Increasing Susceptibility to Human Breast Cancer May Be Linked to the
Glutamate-Pyruvate Transaminase Locus: M.-C. King et al.

Survival of Mice Receiving Melanoma Transplants Is Promoted by Hydroquinone:
W. Chavin et al.

Somatomedin C: Restoration in vivo of Cycle Traverse in G0/G1, Blocked Cells of
Hypophysectomized Animals: H. Rothstein et al.

Alcoholic Rhabdomyolysis: An Experimental Model in the Rat: R. G. Haller
and D. B. Drachman

Regression of Tumors in Guinea Pigs After Treatment with Synthetic Muramyl
Dipeptides and Trehalose Dimycolate: C. A. McLaughlin et al.

Visual Aftereffects Derived from Inspection of Orthogonally Moving Patterns:
L. A. Riggs and R. H. Day

An “Inhibitory” Influence on Brainstem Population Responses: R. R. Stanny
and L. F. Elsner

Interspecific Chimeras in Mammals: Successful Production of Live Chimeras
Between Mus musculus and Mus caroli: J. Rossant and W. I. Frels

Unequal Alternating Monocular Deprivation Causes Asymmetric Visual Fields in
Cats: N. Tumosa, S. B. Tieman, H. V. B. Hirsch


RIA Kit for Prostate Diagnosis; Monoclonal Antibodies; Anaerobic Chamber;
Ion Pair Chromatography; Solidification of Liquid Radioactive Waste;
Automated Pipetting Station for RIA; Detector for Liquid Chromatography;
Catalysis for Asymmetric Hydrogenation; Literature

Glacier of salt flowing right to left around (honey-colored) ridge of Eocene limestone in southern Iran. See page 395 [C. J. Talbott, The University, Dundee, United Kingdom]