LETTERS
Irrked by the IRS: R. A. Day; Beryllium: Carcinogenicity Studies: J. K. Wagoner, P. F. Infante, T. Mancuso; Telecommunications Satellites and Development: B. Cowlan ....... 298

EDITORIAL
The Importance of Marine Affairs: D. A. Ross and E. Miles ............... 305

ARTICLES
Local Moments and Localized States: P. W. Anderson ....... 307
Limits to Growth in World Food Production: N. F. Jensen ........... 317
The Environment Today: R. E. Train .......... 320

NEWS AND COMMENT
Britain’s National Health Service: The Doctors’ Dilemmas ........... 325

Briefing: Federal Court Affirms Pro-Laetrile Ruling; British Scientist Sues over Clone Book; Want the Men to Pass ERA? Grab Them by Their Genes; DuPont Finally Relinquishes Drug Institute Post .......... 326

Biological Warfare Fears May Impede Last Goal of Smallpox Eradicators ....... 329
Budget-Cutting Mood in Congress Begins to Hit Science .......... 330

RESEARCH NEWS
Laser Annealing: Processing Semiconductors Without a Furnace .......... 333

BOOK REVIEWS
Quantum Liquids and Quantum Fluids and Solids, reviewed by P. C. Hohenberg; Production Ecology of Ants and Termites, E. O. Wilson; Quantitative Methods in the Study of Animal Behavior, M. L. Reaka; Books Received ..... 336

REPORTS
Visual Phenomena Induced by Relativistic Carbon Ions With and Without Cerenkov Radiation: P. J. McNulty, V. P. Pease, V. P. Bond ....... 341
Deuterated Methane Observed on Saturn: U. Fink and H. P. Larson .......... 343

ARD OF DIRECTORS
EMILIO Q. DADDARIO
Retiring President, Chairman

EDWARD E. DAVID, JR.
President

KENNETH E. BOULDING
President-Elect

ELLOISE E. CLARK
MARTIN M. CUMMINGS

RENEE C. FOX
BERNARD GIFFORD

ASTRONOMY (D)
Paul W. Hodge
Donal G. Wentzel

ENGINEERING (M)
Robert B. Beckmann
Donald E. Martow

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Eugene Garfield
Madeleine M. Henderson

MATHEMATICS (A)
Mark Kac
Ronald Graham

PHYSICS (B)
D. Allan Bromley
Rolf M. Sinclair

SOCIAL AND ECONOMIC SCIENCES (K)
Kurt W. Back
Gillian Lichten

PHARMACEUTICAL SCIENCES (S)
Shlomo Pearlman
John W. Wagner

DENTISTRY (R)
Shlomo Pearlman
John T. Wagner

ASSESSORIES OF

VIEWS
ALASKA DIVISION
PACIFIC DIVISION
SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

Donald H. Rosenberg
President
Kelly B. Mathis
Executive Secretary
Glenn C. Lewis
President
Alan G. Leviton
Secretary-Treasurer
James W. O’Leary
President
Lora M. Shields
Executive Officer

INCE is published weekly, except the last week in December, but with an extra issue on the third Tuesday in September, by the American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Now combined with The Scientific Monthly; Second-class postage paid at Washington, D.C., and additional entry. Copyright © 1978 by the American Association for the Advancement of Science. Member rates on request. Annual subscriptions $65; foreign postage: Canada $10; other surface $13; air-surface via Amsterdam $30. Single copies $2 by mail (back issues $3) except Guide to Scientific Instruments $6. School year subscriptions: 9 months $50; 10 months $55. Provide 6-weeks' notice for change of address, giving new and old addresses and postal codes. Send a recent address label, including your 7-digit account number. Postmaster: Send Form 3579 to Science, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.