LETTERS

EDITORIAL
Commission on Federal Paperwork

ARTICLES
Paleoenvironment and Human Settlement in Japan and Korea: R. Pearson
Nepotism and the Evolution of Alarm Calls: P. W. Sherman
The NAS Surveys of Fundamental Research 1962–1974, in Retrospect: W. W. Lowrance

NEWS AND COMMENT
Controls on Trade and Technology: Pentagon Puts Stress on Know-How
McKelvey Ousted as Director of Geological Survey
Nuclear Wastes: Popular Antipathy Narrows Search for Disposal Sites

RESEARCH NEWS
Alternative Astronomy: Experiment in Self-Sufficiency Blossoms
Carcinogens in the Workplace: Where to Start Cleaning Up

BOOK REVIEWS
Evolution and Organismic Evolution, reviewed by H. L. Carson; Family Formation Patterns and Health, T. K. Burch; Books Received

BOARD OF DIRECTORS
WILLIAM D. MC ELROY
Retiring President; Chairman

EMILIO C. DADDARIO
President

EDWARD E. DAVID, JR.
President-Elect

MARTIN B. CUMMINGS
RUTH M. DAVIS

RENEE C. FOX
BERNARD GIFFORD

ASTRONOMY (D)
Beverly T. Lynds
Arlo U. Landolt

ASTRONOMY (D)
Beverly T. Lynds
Arlo U. Landolt

PHYSICS (B)
Norman Ramsey
Rolf M. Sinclair

PHYSICS (B)
Norman Ramsey
Rolf M. Sinclair

SOCIAL AND ECONOMIC SCIENCES (K)
Malinda W. Riley
Daniel Rich

SOCIAL AND ECONOMIC SCIENCES (K)
Malinda W. Riley
Daniel Rich

HISTORY AND PHILOSOPHY OF SCIENCE (L)
Eman McMullen
George Batters

HISTORY AND PHILOSOPHY OF SCIENCE (L)
Eman McMullen
George Batters

ENGINEERING (M)
Ernst Weber
Paul H. Robbins

ENGINEERING (M)
Ernst Weber
Paul H. Robbins

PHARMACEUTICAL SCIENCES (S)
Shalom Pearlman

PHARMACEUTICAL SCIENCES (S)
Shalom Pearlman

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Lawrence P. Heilprin
Joseph Becker

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Lawrence P. Heilprin
Joseph Becker

DIVISIONS
ALASKA DIVISION
PACIFIC DIVISION
SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

David M. Hickok
President

Keith B. Mathar
Executive Secretary

Mildred Mathias
President

Alan E. Leviton
Secretary-Treasurer

Eric K. Brown
President

Max P. Dohler
Executive Offi
Ozone Monitoring with an Infrared Heterodyne Radiometer: R. T. Menzies and R. K. Seals, Jr. .......................................................... 1275
The Prime Meridian of Mars and the Longitudes of the Viking Landers: M. E. Davies ................................................................. 1277
Cholera Toxin Crystals Suitable for X-ray Diffraction: P. B. Sigler et al. ......................................................................................... 1277
Infertility Reacquisition by Trypanosoma brucei brucei Cultivated with Tsetse Salivary Glands: I. Cunningham and B. M. Honigberg .................................................................................. 1279
Sperm Autoantibodies in Vasectomized Rats of Different Inbred Strains: P. E. Bigazzi, L. L. Kosuda, L. L. Harnick .......................................................... 1282
Adenine and Adenosine Are Toxic to Human Lymphoblast Mutants Defective in Purine Salvage Enzymes: M. S. Hershfield, F. F. Snyder, J. E. Seegmiller ........................................ 1284
A Method for Detecting 8-Methoxypsoralen in the Ocular Lens: S. Lerman and R. F. Borkman .......................................................... 1287
Swine Influenza Virus Vaccine: Potentiation of Antibody Responses in Rhesus Monkeys: E. L. Stephen et al. .................................................. 1289
Butylated Hydroxytoluene Protects Chickens Exposed to Newcastle Disease Virus: M. Brugh, Jr. ............................................................. 1291
Sympatric Speciation Based on Allelic Changes at Three Loci: Evidence from Natural Populations in Two Habitats: C. A. Tauber and M. J. Tauber ........................................................................... 1298

Technical Comments: Do Cellular Slime Molds Form Intercellular Junctions?: G. Johnson et al.; Synergism Between Trimethoprim and Sulfamethoxazole: J. J. Burchall; R. Then; M. Poe;Marihuana and Epilepsy: D. M. Feeney; P. Martin and P. Consroe .......................................................... 1300

Cover

The Taj Mahal, located outside Agra in India. Built of pure white Makrana marble and completed in 1654 for the Mogul emperor Shah Jahan in memory of his wife, Mumtaz Mahal, the Taj is near the site of a large oil refinery being built by the Indian government. See page 1232. [Government of India Tourist Office, New York City].