LETTERS

EDITORIAL
The Federal Science Advisory Apparatus

ARTICLES
Freedom for Science in the Oceans: G. Cadwallader
Depressive Disorders: Toward a Unified Hypothesis: H. S. Akiskal and W. T. McKinney, Jr.
Computer and Information Networks: M. Greenberger et al.

NEWS AND COMMENT
Center for Atmospheric Research: Monument to Science’s Old Life-Style
One Breeder for the Price of Two?
The Seed: Reforming Drug Abusers with Love

RESEARCH NEWS
Dry Geothermal Wells: Promising Experimental Results
Singlet Oxygen: A Unique Microbicidal Agent in Cells

BOOK REVIEWS
Population Growth, reviewed by C. Renfrew; Flesh of the Gods, O. C. Stewart; Science and Society, 1600–1900, R. Hahn; Developmental Nephrology, T. W. Torrey; Atmospheric Energetics, S. K. Kao; Solar Activity Observations and Predictions, J. M. Wilcox; The Chemistry of Platinum and Palladium, R. Heck; The Science and Technology of Superconductivity, D. M. Ginsberg

REPORTS
Asteroidal Source of Meteorites: P. D. Zimmerman and G. W. Wetherill
An Atmosphere on Ganymede from Its Occultation of SAO 186800 on 7 June 1972: R. W. Carlson et al.
Mammalian Cells in Culture Frequently Release Type C Viruses: M. M. Lieber et al.
Glucodynamic Hormones Modify the Recovery Period after Lateral Hypothalamic Lesions: S. Balagura, L. Harrell, T. Ralph ................................................................. 59

Dopa and Dopamine in Glusulase: Possible Artifact in Studies on Catecholamine Metabolism: A. H. Anton et al. .................................................. 60

Peroxisomal and Mitochondrial Defects in the Cerebro-Hepato-Renal Syndrome:
S. Goldfischer et al. .......................................................... 62

Velocity and Displacement Responses in Auditory-Nerve Fibers: J. J. Zwislocki
and W. G. Sokolich ......................................................... 64

Experimental Subacute Sponigiform Virus Encephalopathies in Primates and
Other Laboratory Animals: C. J. Gibbs, Jr., and D. C. Gajdusek .......................... 67

Induction of an Enzyme in Genetically Deficient Rats after Grafting of
Normal Liver: A. B. Mukherjee and J. Krasner ....................................... 68

Gelatin: A Poor Substrate for a Mammalian Collagenase: P. A. McCroskery,
S. Wood, Jr., E. D. Harris, Jr. ...................................................................... 70

Brain Tryptophan Hydroxylation: Dependence on Arterial Oxygen Tension:
J. N. Davis et al. .................................................................................... 72

Methyltetrahydrofolic Acid Mediates N- and O-Methylation of Biogenic Amines:
S. P. Banerjee and S. H. Snyder .................................................................. 74

Prevention of Murine Lupus Nephritis by Carrier Dependent Induction of Immunologic Tolerance to Denatured DNA: Y. Borel, R. M. Lewis, B. D. Stollar ............. 76

Vitamin B12 and the Megaloblastic Development: F. I. Haurani ......................... 78

Nerve Growth Factor: Relationship to the Cyclic AMP System of Sensory
Ganglia: D. B. Hier, B. G. W. Arnason, M. Young ........................................ 79

Gamma-Aminobutyric Acid Antagonism in Visual Cortex: Different Effects on Simple,
Complex, and Hypercomplex Neurons: J. D. Pettigrew and J. D. Daniels ... 81

Student Ratings of Teaching: Validity of Several Rating Factors: P. W. Frey ............. 83

Technical Comments: Origin of Mitochondria: C. de Duve; Internal Gravity

EDWARD E. DAVID, JR.
WARD H. GOODENOUGH
CARYL P. HASKING
PHYLLIS V. PARKINS
WILLIAM T. GOLDEN
WILLIAM BEVAN
TREASURER
EXECUTIVE OFFICER

GEOLGY AND GEOGRAPHY (E)
Helmut Landsberg
Ramon E. Briage

ENGINEERING (M)
Raynor L. Duncombe
C. Towner French

INFORMATION AND
COMMUNICATION (T)
Jordan Baruch
Scott Adams

BIOLOGICAL SCIENCES (G)
Dorothy Bliss
Richard J. Goss

MEDICAL SCIENCES (N)
Robert A. Good
F. Douglas Lawrason

STATISTICS (U)
Frederick Mosteller
Ezra Glaser

ANTHROPOLOGY (H)
Richard N. Adams
Anthony Leeds

AGRICULTURE (O)
Ray L. Loworn
Michael A. Farrell

ATMOSPHERIC AND HYDROSPHERIC SCIENCES (W)
Max A. Kohler
Louis J. Battan