LETTERS

"Peer" Review: W. E. Stumpf; Appraising Psychotherapy: M. B. Parloff; University-Industry Programs: D. A. Horn

EDITORIAL

Federal Support in the Social Sciences: R. C. Atkinson

ARTICLES

Science: Our Common Heritage: K. E. Boulding

Animal Anorexias: N. Mrosovsky and D. F. Sherry


NEWS AND COMMENT

Assault on Research Secrets at Pentagon

Carter Creates State Radwaste Council

A Prescription for Monitoring Drugs

Army to Lose Overseas Labs

Rand Issues Final Alcoholism Report

Briefing: Citizens Update: Decision on Aspartame Due This Year; Deutch to Leave DOE

RESEARCH NEWS

Bursts of Gamma Rays Baffle Astronomers

AMIS Negative on Aspirin and Heart Attacks

ASSOCIATION AFFAIRS

D. Allan Bromley, President-Elect: J. Weneser

1979 Report of the Executive Officer: W. D. Carey

AAAS Council Meeting, 1980: C. Borras

AAAS Officers, Staff, Committees, and Representatives for 1980

BOOK REVIEWS

Human Sexuality, reviewed by H. H. Lambert; Le Pouvoir et la Science en France, R. Brickman; Placenta, N. B. Atkin; Active Galactic
REPORTS

Radon Anomaly: A Possible Precursor of the 1978 Izu-Oshima-kinkai Earthquake: H. Wakita et al. ................................................................. 882

Heat Transport by Currents Across 25°N Latitude in the Atlantic Ocean: H. L. Bryden and M. M. Hall .................................................. 884

Free-Radical Oxidants in Natural Waters: T. Mill, D. G. Hendry, H. Richardson ............................................................. 886

2-Tridecanone: A Naturally Occurring Insecticide from the Wild Tomato Lycopersicon hirsutum f. glabratum: W. G. Williams et al. .......................... 888


Cryptic Self-Fertilization in the Malpighiaceae: W. R. Anderson ............................................................ 892


Circadian Rhythms in Neurospora crassa: Oligomycin-Resistant Mutations Affect Periodicity: C. Dieckmann and S. Brody ........................................... 896

Feedback Control of Juvenile Hormone Synthesis in Cockroaches: Possible Role for Ecdysterone: B. Stay et al. ............................................................... 898


Sparing of the Brain in Neonatal Undernutrition: Amino Acid Transport and Incorporation into Brain and Muscle: L. S. Freedman et al. ................. 902

Multiple Daily Amphetamine Administration: Behavioral and Neurochemical Alterations: D. S. Segal et al. ............................................................... 904

Mutagenicity of a New Hair Dye Ingredient: 4-Ethoxy-m-phenylenediamine: M. J. Privat, V. D. Mitchell, Y. P. Gomez .................................................. 907

Adapting to Two Orientations: Disinhibition in a Visual Aftereffect: S. Magnusson and W. Kurtenbach ............................................................. 908

PRODUCTS AND MATERIALS

Fume Hood; Conductivity Detector; Field Microscope; Laboratory Freezer; Freeze-Drying Flasks; Computing Integrator for Gas and Liquid Chromatography; Column Fittings for Liquid Chromatography; Refrigerated Circulating Bath; Desiccator Cabinet; Literature ................................................. 910

COVER

Merced River, central California. When sunlight interacts with dissolved humic substances in natural waters, transient free-radical oxidants are formed. These radicals can selectively oxidize the trace amounts of synthetic chemicals commonly found in many lakes and rivers of industrialized countries. See page 886. [Janice D. Mill, Palo Alto, California]