LETTERS

Oil Spills: Effects of Petroleum on Marine Organisms: J. F. Payne; Natural Gas and Science Paper: B. D. Hays; W. P. Pratt; J. M. Price; Editors

EDITORIAL

Alaskan Oil

ARTICLES

Devon Island Ice Cap: Core Stratigraphy and Paleoclimate: R. M. Koerner
Remote-Sensing of Crop Yields: S. B. Idso, R. D. Jackson, R. J. Reginato
The Distrust of Nuclear Power: C. Hohenemser, R. Kasper, R. Kates

NEWS AND COMMENT

Polio: Salk Challenges Safety of Sabin’s Live-Virus Vaccine
Academics in New York and California Fight Disclosure Policies
Frank Press Nominated
Gene-Splicing: Congress Starts Framing Law for Research
Lobbying Rules for Nonprofits: New Option Sets Specific Limits
Ford-MITRE Study: Nuclear Power Yes, Plutonium No

RESEARCH NEWS

Reprocessing: How Necessary Is It for the Near Term?

AAAS NEWS

AISLE Conference Aids Massachusetts Lawmakers: R. A. Scribner; Subcommittee on Infringements of Scientific Freedom: H. B. Glass; Conference on American Indian Science and Health Education; Resource Management Theme of Indian Science Congress; Job Market Report Released by SMC; Women in Research to Be Studied by OOS; Two Public Sector Books Out of Stock
BOOK REVIEWS

A History of Engineering and Science in the Bell System, reviewed by K. Birr;
Protein Crystallography, H. M. Berman; Biomechanics and Energetics of
Muscular Exercise, R. E. Davies; Theoretical Ecology, J. Roughgarden;
Books Received

REPORTS

Deep Western Boundary Current in the Eastern Indian Ocean: B. A. Warren
Wood Versus Fossil Fuel as a Source of Excess Carbon Dioxide in the Atmosphere: A

Prevention of Autoimmunity in Experimental Lupus Erythematosus by Soluble
Immune Response Suppressor: R. S. Krakauer et al.

Morphologies of Cells from 1-Day Chick Embryos: A. R. Gingle and A. Robertson
Characterization of a New Human Diploid Cell Strain, IMR-90: W. W. Nichols et al.

Amplitude Spectrum Representation in the Doppler-Shifted-CF Processing Area of
the Auditory Cortex of the Mustache Bat: N. Suga

Babesia rodhaini: Requirement of Complement for Penetration of Human
Erythrocytes: W. E. Chapman and P. A. Ward

N-Nitrosodiethanolamine in Synthetic Cutting Fluids: A Part-Per-Hundred Impurity:
T. Y. Fan et al.

Perception of Impossible Limb Positions Induced by Tendon Vibration: B. Craske

Cortical Potentials Associated with the Detection of Visual Events: R. Cooper et al.

Reading Disability: An Information-Processing Analysis: F. J. Morrison,
B. Giordani, J. Nagy

Homeostasis During Hypoglycemia: Central Control of Adrenal Secretion and
Peripheral Control of Feeding: E. M. Stricker et al.


Inflammatory Effects of Endotoxin-Like Contaminants in Commonly Used Protein
Preparations: L. Z. Bito

An Analog of Enkephalin Having Prolonged Opiate-Like Effects in vivo:
J. M. Walker et al.

Angiotensin Injected into the Neostriatum After Learning Disrupts Retention
Performance: J. M. Morgan and A. Routtenberg

COVER

Aircraft of National Aeronautics and Space Administration, carrying a thermal scanner, passes over an experimental field at the U.S. Water Conservation Laboratory in Phoenix, Arizona. The scanner maps canopy temperatures that are used to predict grain yield on the basis of a "stress degree day" concept. (U.S. Department of Agriculture, Agricultural Research Service; Con Keyes, Tempe, Arizona)