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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

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The Distrust of Nuclear Power: C. Hohenemser, R. Kasperon, R. Kates

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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


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


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.


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


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. See page 19. [U.S. Department of Agriculture, Agricultural Research Service; Con Keyes, Tempe, Arizona]