LETTERS

Cat Signing?: R. A. Musicant et al.; Diet and Cancer: M. F. Jacobson

EDITORIAL

A Modest Basis for Energy Optimism.

ARTICLES


Receptors for the Age of Anxiety: Pharmacology of the Benzodiazepines: J. F. Tallman et al.

NEWS AND COMMENT

The Pahlavi Problem: A Superficial Diagnosis Brought the Shah into the United States

Briefing: Diesel Makers Win Waiver from EPA; A Clinical Trial for Laetrile This Spring?; Engineers Form a New National Association; Western Efficiency Not Welcome in Boston

For the 1980’s, Beware All Expert Predictions

Trade Bans Are Hard Weapons to Use

RESEARCH NEWS

Venus, Not Simple or Familiar, But Interesting.

Doing Science in an Inferno.

Venus and Science’s Fringe.

BOOK REVIEWS

The Darwinian Revolution, reviewed by J. C. Greene; Demography of the Dobe !Kung, G. A. Collier; The Evolution of the Igneous Rocks, S. A. Morse; Solar System Plasma Physics, M. C. Kelley; Books Received
**Reports**

- **Thermal Evolution of Plutons: A Parameterized Approach:** F. Spera
- **Corotation Lag in Jupiter’s Magnetosphere: Comparison of Observation and Theory:** T. W. Hill
- **Net Energy Analysis of Alcohol Production from Sugarcane:** C. S. Hopkinson, Jr., and J. W. Day, Jr.
- **Graphoglyptid Burrows in Modern Deep-Sea Sediment:** A. A. Ekdale
- **Myosin Heads Do Not Move on Activation in Highly Stretched Vertebrate Striated Muscle:** N. Yagi and I. Matsubara
- **Vesicle Targeting: Timed Release and Specificity for Leukocytes in Mice by Subcutaneous Injection:** M. R. Mauk, R. C. Gamble, J. D. Baldeschwieler
- **Asbestos-Induced Epithelial Changes in Organ Cultures of Hamster Trachea: Inhibition by Retinyl Methyl Ether:** B. T. Mossman, J. E. Craighead, B. V. McPherson
- **Retina-Dependent Activation by Apomorphine of Metabolic Activity in the Superficial Layer of the Superior Colliculus:** J. McCulloch et al.
- **Placental Luteinizing Hormone-Releasing Factor and Its Synthesis:** G. S. Khodr and T. M. Siler-Khodr
- **Toward a Functional Architecture of the Retina: Serial Reconstruction of Adjacent Ganglion Cells:** J. K. Stevens, B. A. McGuire, P. Sterling
- **Reduction of the Isoproterenol-Induced Alterations in Cardiac Adenine Nucleotides and Morphology by Ribose:** H.-G. Zimmer et al.
- **Origin of chi46,XX/46,XY Chimerism in a Human True Hermaphrodite:** J. G. Dewald et al.
- **Stereopsis in Human Infants:** R. Fox et al.
- **Neurotropic Influence on Lobster Skeletal Muscle:** F. Lang et al.
- **Maternal Stress Alters Plasma Testosterone in Fetal Males:** I. L. Ward and J. Weisz
- **Interchangeability of Stress and Amphetamine in Sensitization:** M. Antelman et al.
- **Schizophrenia: Elevated Cerebrospinal Fluid Norepinephrine:** C. R. Lake et al.

**Cover**

Isaacs' wave pump during tests off La Jolla, California. In very low waves, water is ejected continuously some 4 meters high. The pump is simple in design, slack tethered, and responds to waves from all directions. See page 265. [Steven Suess, Scripps Institution of Oceanography, La Jolla, Calif.]