EDITORIAL

A Modest Basis for Energy Optimism........................................... 263

ARTICLES

Receptors for the Age of Anxiety: Pharmacology of the Benzodiazepines: J. F. Tallman et al. .................................................. 274

NEWS AND COMMENT

The Pahlavi Problem: A Superficial Diagnosis Brought the Shah into the United States .......................................................... 282
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 ........................................ 284
For the 1980's, Beware All Expert Predictions ................................ 287
Trade Bans Are Hard Weapons to Use ......................................... 288

RESEARCH NEWS

Venus, Not Simple or Familiar, But Interesting ................................ 289
Doing Science in an Inferno .......................................................... 290
Venus and Science's Fringe ......................................................... 293

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 ...................................................... 294
REPORTS

Thermal Evolution of Plutons: A Parameterized Approach: F. Spera 299

Corotation Lag in Jupiter’s Magnetosphere: Comparison of Observation and Theory: T. W. Hill 301

Net Energy Analysis of Alcohol Production from Sugarcane: C. S. Hopkinson, Jr., and J. W. Day, Jr. 302

Graphoglyptid Burrows in Modern Deep-Sea Sediment: A. A. Ekdale 304

Myosin Heads Do Not Move on Activation in Highly Stretched Vertebrate Striated Muscle: N. Yagi and I. Matsubara 307


Asbestos-Induced Epithelial Changes in Organ Cultures of Hamster Trachea: Inhibition by Retinyl Methyl Ether: B. T. Mossman, J. E. Craighead, B. V. MacPherson 311

Retina-Dependent Activation by Apomorphine of Metabolic Activity in the Superficial Layer of the Superior Colliculus: J. McCulloch et al. 313

Placental Luteinizing Hormone-Releasing Factor and Its Synthesis: G. S. Khodr and T. M. Siler-Khodr 315


Reduction of the Isoproterenol-Induced Alterations in Cardiac Adenine Nucleotides and Morphology by Ribose: H.-G. Zimmer et al. 319

Origin of chi46,XX/46,XY Chimerism in a Human True Hermaphrodite: G. Dewald et al. 321

Stereopsis in Human Infants: R. Fox et al. 323

Neurotropic Influence on Lobster Skeletal Muscle: F. Lang et al. 325

Maternal Stress Alters Plasma Testosterone in Fetal Males: I. L. Ward and J. Weisz 328

Interchangeability of Stress and Amphetamine in Sensitization: S. M. Antelman et al. 329

Schizophrenia: Elevated Cerebrospinal Fluid Norepinephrine: C. R. Lake et al. 331

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.]