LETTERS
Plant Science Research: E. A. Bell; Leukemia, Radiation, and Hyperthyroidism: E. B. Lewis; Patients' Expectations: J. J. Andujar; V. Goodhill

EDITORIAL
Bipolarity on the Campus: A. B. Grobman

ARTICLES
Ion Binding by Synthetic Macrocyclic Compounds: J. J. Christensen, J. O. Hill, R. M. Izatt
Agricultural Origins: Centers and Noncenters: J. R. Harlan
Equinoxial Rites of the National Research Council: W. Goldschmidt

NEWS AND COMMENT
Britain and the EEC: How Strong Is the Technological Argument?
Human Environmental Conference: Citizen Advisers Muddle Through
Nobel Prize for Economics: Kuznets and Economic Growth

BOOK REVIEWS
Man across the Sea, reviewed by W. Smith; other reviews by A. Kuhn, O. Kuchel and P. Granger, J. C. Melby, W. T. Smith, Jr., R. A. Keller

REPORTS
Madagascar's Paleoposition: New Data from the Mozambique Channel: J. R. Heirtzler and R. H. Burroughs
Motions of Molecules in Liquids: Viscosity and Diffusivity: J. H. Hildebrand
Intercalation Complexes of Lewis Bases and Layered Sulfides: A Large Class of New Superconductors: F. R. Gamble et al. .......................................................... 493

Electron Microscopy and Diffraction of Layered, Superconducting Intercalation Complexes: H. Fernández-Morán et al. .......................................................... 498

Buffer Combination for Mammalian Cell Culture: H. Eagle ........................................... 500

Juvenile Hormone Induces Vitellogenin Synthesis in the Monarch Butterfly: M. L. Pan and G. R. Wyatt .......................................................... 503


Polyadenylic Acid Sequences: Role in Conversion of Nuclear RNA into Messenger RNA: J. E. Darnell et al. .......................................................... 507

Ovulation Induced by Synthetic Luteinizing Hormone–Releasing Hormone in the Hamster: A. Arimitsu et al. .......................................................... 511


Interchangeability of Phosphorylation Coupling Factors in Photosynthetic and Respiratory Energy Conversions: B. A. Melandri et al. .......................................................... 514

Infectious Agent from a Free-Living Soil Amoeba, Naegleria gruberi: T. H. Dunnebacke and F. L. Schuster .......................................................... 516

Potassium Flux: A Common Feature of Albizia Leaflet Movement Controlled by Phytochrome or Endogenous Rhythm: R. L. Satter and A. W. Galston .......................................................... 518

Prolonged Color Blindness Induced by Intense Spectral Lights in Rhesus Monkeys: R. S. Harwerth and H. G. Sperling .......................................................... 520


ASSOCIATION AFFAIRS

Role of Aggression in Human Adaptation: J. A. Arlow; Encounter Groups: K. W. Back; Value and Knowledge Requirements for Peace: V. P. Rock .......................................................... 526

COVER

Electron micrograph of 2H-phase of tantalum disulfide. A high degree of order is evident. The period is 6 angstroms. (about × 2.5 × 10⁶) See page 493. [H. Fernández-Morán, University of Chicago]