LETTERS

Leopard Frog Supply: J. T. Bagnara and J. S. Frost; Engineering Ph.D.'s: J. D. Kemper; "Kerfuffle" Identified: P. B. Jordain; M. L. Lesser; S. A. Korff; The U.S. Birthrate: J. Sklar and B. Berkov; C. Gibson

EDITORIAL

The Tris Controversy

ARTICLES

The Ecology of Early Man in Southern Africa: R. G. Klein
The Vertebrate Eye Lens: H. Bloemendal

NEWS AND COMMENT

Central Crime Computer Project Draws Mixed Reviews
Crime Computer Abused
Panel Calls for Global Food and Nutrition Research Drive
Science in Europe/Mr. Justice Parker and Plutonium
Thomas S. Kuhn: Revolutionary Theorist of Science

RESEARCH NEWS

Gene Transfer in Mammalian Cells: Mediated by Chromosomes
Synchrotron Radiation: Large Demand Spurs New Facilities

BOOK REVIEWS

The Behavior of Law, reviewed by K.-F. Koch; Theory of Simple Liquids and Atomic Dynamics in Liquids, B. J. Alder; Gamma-Ray Astronomy, R. C. Haymes; Sexual Interactions in Plants, G. van den Ende and H. F. Linskens; Metabolic Compartmentation and Neurotransmission, J. Diamond; Books Received and Book Order Service

REPORTS

Relation Between Earthquakes, Weather, and Soil Tilt: M. D. Wood and N. E. King
Transmutation Products May Influence Radiotracer Diffusion Rates in an Ionic Solid: G. C. T. Wei and B. J. Wuensch .................................................. 157
Comparison of Radioactive and Stable Tl⁺ Diffusion in Potassium Chloride: Demonstration of a Transmutation Effect: G. C. T. Wei and B. J. Wuensch ............. 159
Ammonia in the Human Airways: Neutralization of Inspired Acid Sulfate Aerosols: T. V. Larson et al. ........................................... 161
Clomid or Nafoxidine Administered to Neonatal Rats Causes Reproductive Tract Abnormalities: J. H. Clark and S. McCormack .................................. 164
Adriamycin: The Role of Lipid Peroxidation in Cardiac Toxicity and Tumor Response: C. E. Myers et al. ........................................... 165
Experimental Infarct Sizing Using Computer Processing and a Three-Dimensional Model: M. Lewis et al. ........................................... 167
Transport Interaction of Cystine and Dibasic Amino Acids in Renal Brush Border Vesicles: S. Segal, P. D. McNamara, L. M. Pepe .......................................................... 169
Angiotensin: Physiological Role in Water-Deprivation–Induced Thirst of Rats: R. L. Malvin, D. Mouw, A. J. Vander ........................................... 171
Nude Mouse: A New Experimental Model for Pneumocystis carinii Infection: P. D. Walzer et al. .......................................................... 177
Pineal Vasotocin: Release into Cat Cerebrospinal Fluid by Melanocyte-Stimulating Hormone Release-Inhibiting Factor: S. Pavel et al. ........................................... 179
Haloperidol: Effect of Long-Term Treatment on Rat Striatal Dopamine Synthesis and Turnover: P. Lerner et al. ........................................... 181
Pain Relief by Electrical Stimulation of the Central Gray Matter in Humans and Its Reversal by Naloxone: Y. Hosobuchi, J. E. Adams, R. Linchitz ........................................... 183
Electrically Coupled, Photosensitive Neurons Control Swimming in a Jellyfish: P. A. V. Anderson and G. O. Mackie ........................................... 186

Acrylic Cranial Window; Laser Reflectors; Reference Reagent for Glucose Determinations; Flowmeters; Chromatography Columns; Iodine-Labeled DNA; Literature. ........................................... 190

COVER
Excavation in Boomplaas Cave, Oudtshoorn District, South Africa, showing an occupation floor with fruit storage pits and stone hearth features which have been radiocarbon dated to between 1900 and 1700 years ago. The hanging strings, attached to the ceiling of the cave, demarcate 1-meter squares. See page 115. [H. J. Deacon, University of Stellenbosch, Stellenbosch, South Africa]