LETTERS Occupational Health Research: Weill Replies: H. Weill; Lovins' Data Source: J. M. Gallagher; The Chemical Industry and Regulation: S. D. Bailey; D. J. House

EDITORIAL Information Transfer: The Biomedical Model: M. M. Cummings

ARTICLES The Spokane Flood Controversy and the Martian Outflow Channels: V. R. Baker

NEWS AND COMMENT Mexico: The Premier Oil Discovery in the Western Hemisphere
Reactor Sale to Libya Challenged
Environmental Groups Lose Friends in Effort to Control DNA Research
Conference on Nuclear War Not Peaceful

RESEARCH NEWS Estrogens: Hormones' Link to Cancer Disputed
Hair: A Diagnostic Tool to Complement Blood Serum and Urine

BOOK REVIEWS The Evolution of Sex, reviewed by E. G. Leigh, Jr.; Cloning, C. L. Markert; Osmotic and Volume Regulation, R. W. Freif; Freshwater Wetlands, W. A. Niering; Books Received
ANNUAL MEETING

REPORTS

Cloning Human Fetal γ Globin and Mouse α-Type Globin DNA: Preparation and Screening of Shotgun Collections: F. R. Blatner et al. .......................................................... 1279

Cloning Human Fetal γ Globin and Mouse α-Type Globin DNA: Characterization and Partial Sequencing: O. Smithies et al. ......................................................... 1284

Human Leukocyte Interferon Purified to Homogeneity: M. Rubinstein et al. ......................................................... 1289

Design of Liposomes for Enhanced Local Release of Drugs by Hyperthermia: M. B. Yatvin et al. ......................................................... 1290

Nicotinamide Adenine Dinucleotide Splitting Enzyme: A Characteristic of the Mouse Macrophage: M. Artman and R. J. Seeley ................................. 1293

Cell Lineage Analysis by Intracellular Injection of a Tracer Enzyme: D. A. Weisblat, R. T. Sawyer, G. S. Stent ................................. 1295

Social Plasticity in the Acorn Woodpecker: P. B. Stacey and C. E. Bock ................................. 1298

Endoplasmic Reticulum Sequesters Calcium in the Squid Giant Axon: M. P. Henkart, T. S. Reese, F. J. Brinley, Jr. ................................. 1300

Tricyclic Antidepressants: Long-Term Treatment Increases Responsivity of Rat Forebrain Neurons to Serotonin: C. de Montigny and G. K. Aghajanian ................................. 1303


Technical Comments: Stratigraphic Interpretation of the Omo Shungura and Lake Turkana Fossil Suid Record: N. T. Boaz et al.; T. D. White and J. M. Harris ................................. 1309

PRODUCTS AND MATERIALS

Wind Energy Conversion System; Noncontact Measurement of Motion and Position; Electrolytic Conductivity Detector; X-ray Fluorescence Analyzer; Inverted Biological Microscope; Identification of Enterobacteriaceae; Literature .......................................................... 1310

COVER

Female (left) and male acorn woodpeckers. This species usually lives in resident, communally breeding social groups. In an area of southeastern Arizona, most of the woodpeckers migrate during the winter and breed in temporary pairs, indicating that this species can be highly plastic in its behavior. See page 1298. [Harlo Hadaw, Coe College, Cedar Rapids, Iowa]