LETTERS
Cell Line Origins: R. E. Stevenson; Energy Demand Forecasts: A. B. Lovins

EDITORIAL
A Way to Stimulate Technological Innovation: R. F. Dee

ARTICLES
From Little Acorns to Tall Oaks: From Boranes Through Organoboranes: H. C. Brown
Neural Basis of Rhythmic Behavior in Animals: F. Delcomyn
Aztec Arithmetic: Positional Notation and Area Calculation: H. R. Harvey and B. J. Williams

NEWS AND COMMENT
Gene Splicing Company Wows Wall Street
Iraqi Nuclear Program Halted by Bombing
UCLA Gene Therapy Racked by Friendly Fire
Study Group Agrees to Voluntary Restraints
Policy on Cryptography Proposals
Briefing: Public Scores Low on Environmental Test; Scientists’ Boycott Grows; Love Canal Reviewed

RESEARCH NEWS
Asteroid Theory of Extinctions Strengthened.
How Safe Is Bendectin?

ANNUAL MEETING
Meeting Program—Part II: Registration, Hotel, and Air Travel Reservation Forms

BOOK REVIEWS
A Centennial History of the American Society of Mechanical Engineers and Seven Decades That Changed America, reviewed by J. E. Brittain;

Human Monoclonal Antibody Against Forssman Antigen: R. Nowinski et al.

Antibody Targeting of Liposomes: Cell Specificity Obtained by Conjugation of F(ab')2 to Vesicle Surface: T. D. Heath, R. T. Fraley, D. Papahadjopoulos

Adrenocorticotropic Hormone May Be Transported Directly from the Pituitary to the Brain: R. Bergland et al.


Nonpineal Melatonin in the Alligator (Alligator mississippiensis): J. J. Roth et al.

Neuronal Control of Acetylcholine Receptor Turnover Rate at a Vertebrate Neuromuscular Junction: T. A. Levitt, R. H. Loring, M. M. Salpeter

Maternal Glucocorticoid Hormones Influence Neurotransmitter Phenotypic Expression in Embryos: G. M. Jonakait, M. C. Bohn, I. B. Black

Differential Development of Brainstem Potentials in Healthy and High-Risk Infants: A. Salamy et al.

Goal Orientation by Blindfolded Humans After Long-Distance Displacement: Possible Involvement of a Magnetic Sense: R. R. Baker

Medial Nucleus of the Amygdala Mediates Chemosensory Control of Male Hamster Sexual Behavior: M. N. Lehman, S. S. Winans, J. B. Powers

Ecology of Colors of Firefly Bioluminescence: A. B. Lall et al.


Hormone Accumulation in a Sexually Dimorphic Motor Nucleus of the Rat Spinal Cord: S. M. Breedlove and A. P. Arnold

Juvenile Alligator mississippiensis, order Crocodilia, the last living reptiles in the subclass Archosaurus to which dinosaurs belong. Alligators naturally lack pineal bodies but do have the putative pineal hormone melatonin. The implications of pineal loss but melatonin retention may provide certain clues to pineal function in living and fossil reptiles. See page 548. [Lesley A. Marvel, Science]