LETTERS

Canadian Saccharin Study: D. L. Arnold et al.; Drinking Water: Sources and Treatment: D. A. Oken; D. J. Baumgartner; Energy and Inspiration: J. H. Gibbons; L. S. Hyman

EDITORIAL

Last Resorts

ARTICLES


Biological Nitrogen Fixation for Food and Fiber Production: H. J. Evans and L. E. Barber

An Economic Appraisal of President Carter's Energy Program: W. J. Mead

NEWS AND COMMENT

U.S. Foreign Medical Students: After the "Guadalajara Clause"

Gene Splicing: Senate Bill Draws Charges of Lysenkoism

Soviets Turn Deaf Ear to Pleas for Levich

Engineer's Memo Stirs Doubts on Clinch River Breeder

RESEARCH NEWS

Solar Thermal Electricity: Power Tower Dominates Research

Electron Probe Microanalysis: New Uses in Physiology

BOOK REVIEWS

Where Hunters Gathered, reviewed by G. P. Rightmire; The Stone Circles of the British Isles, B. Wailes; Theory of Turbulent Plasma, J. E. Walsh; Tree Rings and Climate, T. Webb III; Books Received and Book Order Service

REPORTS

Mining the Apollo and Amor Asteroids: B. O'Leary

Antibody-Induced Antigen Redistribution and Shedding from Human Breast Cancer Cells: R. E. Nordquist, J. H. Anglin, M. P. Lerner

Impaired Regulation of Alveolar Ventilation and the Sudden Infant Death Syndrome: D. C. Shannon and D. Kelly
**AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE**

Goblet Cells in Embryonic Intestine: Accelerated Differentiation in Culture: *B. L. Black and F. Moog* .......................................................... 368

Stimulation by Immune Complexes of Mucus Release from Goblet Cells of the Rat Small Intestine: *W. A. Walker, M. Wu, K. J. Bloch* .................. 370

Circulation of H+ and K+ Across the Plasma Membrane Is Not Obligatory for Bacterial Growth: *F. M. Harold and J. Van Brunt* .................. 372

Formation of a Serine Enzyme in the Presence of Bovine Factor VIII (Antihemophilic Factor) and Thrombin: *G. A. Vehar and E. W. Davie* .......... 374

Antigenic Shift of Visna Virus in Persistently Infected Sheep: *O. Narayan, D. E. Griffin, J. Chase* .......................................................... 376

New Genetic Marker in Human Parotid Saliva (Pm): *S. Ikemoto et al.* .................. 378

In Vitro Growth of *Mycobacterium leprae* , an Obligate Intracellular Microbe: *A. M. Dhople and J. H. Hanks* .......................................................... 379

Stimulation of in vitro Translation of Messenger RNA by Actinomycin D and Cordycepin: *L. Leinwand and F. H. Ruddle* .................. 381


An Effective Immunization of Experimental Monkeys Against a Human Malaria Parasite, *Plasmodium falciparum*: *W. A. Siddiqui* ............ 388

North American Egg Parasite Successfully Controls a Different Host Genus in South America: *A. T. Drooz et al.* .......................................................... 390

Adipose Tissue Regeneration Following Lipectomy: *I. M. Faust, P. R. Johnson, J. Hirsch* .......................................................... 391

Surgical Removal of Adipose Tissue Alters Feeding Behavior and the Development of Obesity in Rats: *I. M. Faust, P. R. Johnson, J. Hirsch* .......................................................... 393

A Critical Period for Acoustic Trauma in the Hamster and Its Relation to Cochlear Development: *G. R. Bock and J. C. Saunders* ............ 396


Fright Posture of the Plesiopid Fish *Calloplesiops altivelis*: An Example of Batesian Mimicry: *J. E. McCosker* .......................................................... 400

The Development of Language-Like Communication Without a Language Model: *S. Goldin-Meadow and H. Feldman* .......................................................... 401

Relative Fecundity and Parental Effort in Communally Nesting Anis, *Crotaphaga sulcirostris*: *S. L. Vehrencamp* .......................................................... 403

**COVER**

When frightened, the plesiopid fish *Calloplesiops altivelis* adopts a posture and appearance which mimics the head of *Gymnothorax meleagris*, a noxious moray eel. The plesiopid is about 15 centimeters in length, whereas the moray eel is nearly a meter in length. See page 400 [T. McHugh/Photo Researchers, Steinhart Aquarium, San Francisco, California]