LETTERS


EDITORIAL

Technology and the U.S. Economy .................................................. 823

ARTICLES

Size and Age of the Universe: S. van den Bergh ........................................ 825
Molecular and Cellular Mechanisms of Leukocyte Chemotaxis: R. Snyderman and E. J. Goetzl .................................................. 830
Regulation of Technological Activities: A New Approach: S. Ramo .................. 837

NEWS AND COMMENT

Is Reaganomics Good for Technology? .............................................. 843
FAA Plans to Automate Air Traffic Control ......................................... 845
Limbing Accelerator May Fall to Budget Ax ........................................ 846

Briefing: Antibiotics Misused, 150 Scientists Say; Reagan Endorses Two More Synfuel Loans; Medfly Redivivus; Battle Renewed over Coyote Poison; Caribbean Med Schools: Paradise May Soon Be Lost; OSHA Reverses Itself on Infante Case .............................................. 848

RESEARCH NEWS

Explorer's Ocean Drilling Role Expanded .......................................... 851
Experiments Begin at Daresbury's SRS .............................................. 852
DESY Opens New Synchrotron Light Lab .......................................... 854
Domestick Day of the World's Volcanoes .......................................... 856

BOOK REVIEWS

Cultural Transmission and Evolution, reviewed by C. R. Cloninger; Evolutionary Biology of the New World Monkeys and Continental Drift, S. Cachel; Resource Management and Environmental Uncertainty, J. G. Sutinen; Earthlike Planets, R. E. Arvidson; Comparative Studies of Hearing in Vertebrates, D. B. Webster; Books Received .............................................. 858

ASSOCIATION AFFAIRS

AAAS Annual Elections ................................................................. 863

Phytochemical Deterrence of Snowshoe Hare Browsing by Adventitious Shoots of Four Alaskan Trees: J. P. Bryant ........................................ 889

Origin of Corn: Pollen Evidence: G. W. Beadle .................................. 890

Magnetic Material in the Head of the Common Pacific Dolphin: J. Zoeger, J. R. Dunn, M. Fuller ...................................................... 892

Stromatoporoid Growth Rhythms and Rates: F. O. Meyer ........................ 894

Range of Radiochemical Damage to DNA with Decay of Iodine-125: R. F. Martin and W. A. Haselton ................................................. 896

Fluctuating Responses at a Central Synapse: n of Binomial Fit Predicts Number of Stained Presynaptic Boutons: H. Korn et al. .................... 898

Hyperkeratosis Induced by Sunlight Degradation Products of the Major Polybrominated Biphenyl in Firemaster: D. G. Patterson et al. .... 901

Lateral Diffusion of Surface Molecules in Animal Cells and Tissues: W. E. Gall and G. M. Edelman ..................................................... 903

Pesticides: Insecticides and Fungicides Are Chitin Synthesis Inhibitors: T. Leighton, E. Marks, F. Leighton .............................................. 905


Depolarization- and Ionophore-Induced Release of Octacosa Somatostatin from Stalk Median Eminence Synaptosomes: C. F. Kewley et al. .... 913


Electrical Potentials in Human Brain During Cognition: New Method Reveals Dynamic Patterns of Correlation: A. S. Gevins et al. ................. 918

DDT-Induced Feminization of Gull Embryos: D. M. Fry and C. K. Toone .......... 922

Structural Correlates of Seizure Behavior in the Mongolian Gerbil: L. A. Paul et al. ................................................................. 924

A Test for Responsiveness to Song Structure and Programming in Female Sparrows: W. A. Searcy and P. Marler ..................................... 926

Opioid Inhibition of Dopamine Release from Nervous Tissue of Mytilus edulis and Octopus bimaculatus: G. B. Stefano et al. ................................ 928

Technical Comments: Identifying Experimental Units and Calculating Experimental Error: D. F. Cox; M. H. Teicher et al. .............................. 931

Lisp Computer; Freezer; Surface Profiler; Fraction Collector; Electrophoresis Chamber; DNA Sequencing Kit; Rotary Evaporator; Literature .............. 932
Science 213 (4510), 816-932.