LETTERS
Reproducing Results: P. Kark; USDA Security Checks: M. Gent

EDITORIAL
Chemical Abstracts After 75 Years

ARTICLES
Spectroscopy in a New Light: A. L. Schawlow
Molecular Biology of the Sea Urchin Embryo: E. H. Davidson, B. R. Hough-Evans, R. J. Britten
Fluorides and the Changing Prevalence of Dental Caries: D. H. Leverett

NEWS AND COMMENT
Yellow Rain: Filling in the Gaps
The Soviet Elephant Grass Theory
USDA Research Under Fire
Briefing: DOD Official Criticizes Export Control Policies; New Directors at Two Institutes; NASA Cuts Flights, Sets New Shuttle Price; OSHA’s New Thoughts on Cancer Policy

RESEARCH NEWS
“Cancer Is Not Inevitable”
Acoustic Tomography of the Ocean
Mathematician Solves Simplex Problem
LEP Revolution Under Way at CERN
Can Genes Jump Between Eukaryotic Species?

AAAS NEWS

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Primary Sulfates in Atmospheric Sulfates: Estimation by Oxygen Isotope Ratio Measurements: B. D. Holt, R. Kumar, P. T. Cunningham ............ 51
Juvenile-Adult Habitat Shift in Permin Fossil Reptiles and Amphibians: R. T. Bakker ........................................................................ 53
Carbon Functionalities in Amber: J. B. Lambert and J. S. Frye ................. 55
Spiroplasmas: Diversity of Arthropod Reservoirs and Host-Parasite Relationships: T. B. Clark .................................................................. 57
Differential Breakdown of Phylogenetically Diverse Ribosomal RNA's Inserted via Liposomes into Mammalian Cells: D. Lavelle, M. J. Ostro, D. Giacomoni ...... 59
Corticotropin-Releasing Factor Stimulates Secretion of Melanocyte-Stimulating Hormone from the Rat Pituitary: L. Proulx-Ferland et al. .............. 62
Rat Pro-Opiomelanocortin Contains Sulfate: H. Hoshina, G. Hortin, J. Boime ............... 63
Polar Lipids of Archaebacteria in Sediments and Petroleum: B. Chappe, P. Albrecht, W. Michaelis .................................................. 65
In vitro Evidence for Two Distinct Hippocampal Growth Factors: Basis of Neuronal Plasticity?: K. A. Cratcher and F. Collins ......................... 67
Muscular Contraction: Kinetics of Crossbridge Attachment Studied by High-Frequency Stiffness Measurements: G. Cecchi, P. J. Griffiths, S. Taylor .............. 70
Loss of Retinal X-Cells in Cats with Neonatal or Adult Visual Cortex Damage: L. Tong et al. ............................................................... 72
Ontogeny of Gastric Acid Secretion in the Rat: Evidence for Multiple Response Systems: S. H. Ackerman .................................................. 75
Purinergic Regulation of Food Intake: A. S. Levine and J. E. Morley ............ 77
Diazepam Impairs Lateral Position Control in Highway Driving: J. F. O'Hanlon et al. ............................................................... 79


Advanced larva of the sea urchin, Strongylocentrotus purpuratus. This larva was grown in the laboratory and had been fed for about 6 weeks at the time the photograph was taken. It is about 0.8 millimeter across. The stomach can be seen filled with ingested algae and to the left of the stomach is the large ventral rudiment of the juvenile sea urchin that emerged a few days later upon metamorphosis. The parallel structures in the rudiment are the developing tube feet, still in a folded position. See page 17. [Photo by Patrick Leahy, California Institute of Technology, Pasadena 91125]