LETTERS
African Drought: A. E. Nyerges; Automobile Fuel Efficiency: F. von Hippel;
Biomass Programs: M. J. Antal, Jr.; Warren Magnuson: F. P. Thieme

EDITORIAL
Our Responsibility to Young Scientists: E. Siebold

ARTICLES
Pollution Aerosol in the Northeast: Northeastern-Midwestern Contributions:
K. A. Rahn and D. H. Lowenthal

New Ways to Study Developmental Genes in Spore-Forming Bacteria:
P. Youngman et al.

Redesigning Trypsin: Alteration of Substrate Specificity: C. S. Craik et al.

Geometrical Differences Among Homologous Neurons in Mammals: D. Purves
and J. W. Lichtman

NEWS AND COMMENT
Pentagon Seeks to Build Bridges to Academe

Star Wars Grants Attract Universities

NSF Names Engineering Centers

Soviet High-Tech Spying Detailed in France

Chrysler vs. GM, Ford on Fuel Rule Fines

Briefing: Landsat Threatened Again; NASA Plans Award to GE Despite Contract Ban; Three Plans Proposed to Avert Vaccine Shortages; NASA, NOAA Make a Deal; House Committee Questions SSC; Disarmament Chain Letter Takes on Life of Its Own

RESEARCH NEWS
Making Factoring Faster

Earthquake Forecast Endorsed

The Polyphosphoinositides Revisited

Physics Briefing: Using Synchrotron Light for Magnetic Scattering; Doing Crystallography in Six Dimensions; Spatial Quantization in Three Dimensions
BOOK REVIEWS
Central Asia, reviewed by R. S. Davis; Paleozoac Salt Bearing Formations of the World, B. C. Schreiber; Somatosensory Mechanisms, L. Kruger; The Retinoids, F. L. Meyskens, Jr.; Books Received ............................................. 316

REPORTS
Early Neolithic Horsebean from Yiftah'el, Israel: M. E. Kislev ................. 319
The Product of the c-fms Proto-oncogene: A Glycoprotein with Associated Tyrosine Kinase Activity: C. W. Rettenmier et al. .......................... 320
Alignment of Rat Cardionatin Sequences with the Preprocardionatin Sequence from Complementary DNA: T. G. Flynn et al. ...................... 323
Leukotriene C4 Transport by the Choroid Plexus in Vitro: R. Spector and E. J. Goetzl ............................................................. 325
Mechanism of Aeration in Rice: L. Raskin and H. Kende ....................... 327
Construction and Recovery of Viable Retroviral Genomes Carrying a Bacterial Suppressor Transfer RNA Gene: L. I. LobeI et al. ......................... 329
Silver-Intensified Gold and Peroxiﬁdase as Dual Ultrastructural Immunolabels for Pre- and Postsynaptic Neurotransmitters: A. N. van den Pol ............................................................ 332
Homology of β-Lactoglobulin, Serum Retinol-Binding Protein, and Protein HC: S. Pervaiz and K. Brew .............................................. 335
Cyclosporin A Binding to Calmodulin: A Possible Site of Action on T Lymphocytes: P. M. Colombani, A. Robb, A. D. Hess .............................................. 337
Taphonomny and Herd Structure of the Extinct Irish Elk, Megaloceros giganteus: A. D. Barnosky ..................................................... 340
Selective Extraction of Small and Large Molecules from the Cerebrospinal Fluid by Purkinje Neurons: L. F. Borges et al. ............................. 346


COVER
Submerged rice leaves are never wetted. Continuous air layers, which appear silvery under water, are trapped between the hydrophobic surfaces of rice leaves and the surrounding water. They are open to the atmosphere and form a low-resistance pathway for gas movements. See page 327. [Benjamin R. Kende, Rochester Institute of Technology, School of Photographic Arts and Sciences, Rochester, New York 14623]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**
Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/228/4697

**Permissions**
Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl