LETTERS

Cholesterol Study: J. M. Hamilton; Achievement in Mathematics: J. Beckwith and M. Woodruff; J. D. Novak and D. R. Ridley; C. P. Benbow

ARTICLES

Quasars and Gravitational Lenses: E. L. Turner
Soluble Lectins: A New Class of Extracellular Proteins: S. H. Barondes
Molecular Analysis of Ds Controlling Element Mutations at the Adh1 Locus of Maize: W. D. Sutton et al.

NEWS AND COMMENT

The Allure of High-Tech Weapons for Europe
NASA Seeks European Space Partners
Briefing: Mathematician Freed After 8 Years in Uruguay Prison; NAS Moves to Counter Creationist Challenge; Morawetz to Direct Math Institute; Edinburgh Sets Up Parapsychology Chair; Canada Goes It Alone on Acid Rain Controls; EPA Proposes Change in Air Pollutants Regulation; Sweden Boosts R & D Spending

RESEARCH NEWS

Periodic Impacts and Extinctions Reported
The Necessity of Knowledge
Artificial Experts

BOOK REVIEWS

Coastal Upwelling, reviewed by W. H. Berger; Solar and Stellar Magnetic Fields

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REPORTS


Biomass of Tropical Forests: A New Estimate Based on Forest Volumes: S. Brown and A. E. Lugo

Transformation and Cytopathogenic Effect in an Immune Human T-Cell Clone Infected by HTLV-I: H. Mitsuya et al.


Insulin Receptor Phosphorylation May Not Be a Prerequisite for Acute Insulin Action: I. A. Simpson and J. A. Hedo

Insulin: Carrier Potential for Enzyme and Drug Therapy: M. J. Poznansky et al.

People with Absolute Pitch Process Tones Without Producing a P300: M. Klein, M. G. H. Coles, E. Donchin


Interferon-β–Related DNA Is Dispersed in the Human Genome: A. D. Sagar et al.

Magnesium Deficiency and Hypertension: Correlation Between Magnesium-Deficient Diets and Microcircular Changes in situ: B. M. Altura et al.

PRODUCTS AND MATERIALS

Large Batch Fermentors; Ion Analyzer; DNA Sequencing System; Chromatography Cartridge; Electrophoresis Unit; Preparative Electrochemistry; Spectrophotometers; Stereotaxis for Rats; Human Hybridoma Screening Reagents; Scientific Software; Glass pH Electrodes; Chromatography Data System; Gene Analysis System; Cuvette Stirring System; Osmometry Membranes; Water Triple Point Bath; Literature

COVER

Rock avalanche in glacial cirque on Mount Baldwin near Mammoth Lakes, California, that occurred during the earthquake swarm of 25 to 27 May 1980. Slope above avalanche is 240 meters high. Rock avalanches have killed tens of thousands of people during historical earthquakes. These landslides are dislodged from steep, high slopes containing zones of relatively weak rock that are undercut by glacial or fluvial erosion. See page 1288. [D. K. Keefer, U.S. Geological Survey, Menlo Park, California 94025]