LETTERS
Acid Rain Funding: C. Bernabo; Evolution: A Cyclical Argument?: R. E. Grant; Understanding Cancer: H. Rubin; Physics Nobel Prize: J. M. H. Levelt Sengers; M. L. Goldberger; Information Technology: C. M. Goldstein

EDITORIAL

ARTICLES
Cavitands: Organic Hosts with Enforced Cavities: D. J. Cram
The Electric Power Research Institute: C. Starr

NEWS AND COMMENT
Engine Troubles Delay the Space Shuttle
Vietnam's Herbicide Legacy
Science Education Redivivus?
Briefing: House Reviews EPA's Record on Pesticides; Landsat, Space Telescope Suffer Setbacks; Canada Releases Papers on Acid Rain Talks
Ariane Loses One to NASA

RESEARCH NEWS
Computers Track the Path of Plant Evolution
Does California Bulge or Does It Jiggle?
Theory Center Awaits NSF Word on Renewal

AAAS NEWS
Medical Mission to El Salvador Investigates Cases of "Disappeared:" K. McCleskey; Guide to Research Activities Available; Plea for Soviet Scientists Lodged; 50-Year Members Acknowledged

11 March 1983
Volume 219, No. 4589
**BOOK REVIEWS**
Risk and Culture, reviewed by M. N. Zald; The Molecular Biology of the Bacilli and Molecular Cloning and Gene Regulation in Bacilli, G. H. Chambles; Molecular Genetic Neuroscience, L. F. Reichardt and P. Early; Komatites, C. Brooks; Formation of Planetary Systems, L. L. Wilkening; Books Received 1211

**REPORTS**
Correlation of Changes in Gravity, Elevation, and Strain in Southern California: R. C. Jachens et al. .............................................................................................................. 1215

Syneresis of Vitreous by Carbon Dioxide Laser Radiation: T. J. Bridges et al. ......................................................................................................................... 1217

Growth Enhancement of Plants by Femtomole Doses of Colloidally Dispersed Triacontanol: R. G. Laughlin et al. .............................................................................. 1219

Exposure to Ethylene Oxide at Work Increases Sister Chromatid Exchanges in Human Peripheral Lymphocytes: J. W. Yager, C. J. Hines, R. C. Spear .......................... 1221


Infection of Human Epithelial Cells by Epstein-Barr Virus: I. M. Shapiro and D. J. Volsky .............................................................................................................. 1225

Stable Antibody-Producing Murine Hybridomas: R. T. Taggart and I. M. Samloff .................................................................................................................. 1228

An Excitatory Amino Acid Antagonist Blocks Cone Input to Sign-Conserving Second-Order Retinal Neurons: M. M. Slaughter and R. F. Miller .................................. 1230

Some Neurons of the Rat Central Nervous System Contain Aromatic-L-Amino-Acid Decarboxylase but Not Monoamines: C. B. Jaeger et al. ............................................. 1233

Neuromuscular Patterns and the Origin of Trophic Specialization in Fishes: G. V. Lauder ...................................................................................................................... 1235

Dorid Nudibranch Elaborates Its Own Chemical Defense: G. Cimino et al. .......... 1237

**Technical Comments:** Rheumatoid Factors and Chagas’ Disease: H. R. A. Cabral; A. B. Clarkson, Jr. and G. H. Mellow; Mass Extinctions in the Fossil Record: J. F. Quinn; D. M. Raup, J. J. Sepkoski, Jr., S. M. Sigler .................................................................... 1238

**PRODUCTS AND MATERIALS**
Scanning Ion Microscope; Accessory for FTIR Analysis of Liquids; Spectrophotometer; Spectrometer; Automated Liquid Chromatography; NMR Spectrometers; Specimen Preparation for X-ray Diffraction; Filter System for Gas Chromatograph; Gas Chromatograph-Mass Spectrometer; Chromatography Data System; Pyrolysis Mass Spectrometer; NMR Spectrometer for Solids; Variable Wavelength Detector; Dual Variable Wavelength Detector; Ultraviolet-Visible Spectrophotometer; Literature ....... 1242

**COVER**
Simulated vase, assembled from scale molecular model, inspired a two-step synthesis of the compound it represents. The enforced concave interior of the compound makes it a cavitand (a molecular container) capable of hosting guests of moderate molecular dimensions. See page 1177. [Donald J. Cram, Department of Chemistry, University of California, Los Angeles 90024]