LETTERS
The Journal Glut: E. P. Ney; Solution of Math Problem: B. Mazur; Cover Art: J. C. Noziger

EDITORYL
Quality: The Competitive Strategy: J. A. Young

ARTICLES
Three Mars Years: Viking Lander 1 Imaging Observations: R. E. Arvidson et al.
Relaxed Cellular Controls and Organelle Heredity: C. W. Birky, Jr.
Phaseolin Gene from Bean Is Expressed After Transfer to Sunflower Via Tumor-Inducing Plasmid Vectors: N. Murai et al.

NEWS AND COMMENT
Congress Passes Generous NIH Budget
Congress Reprieves a Lab
Deadlock Over Explosive Dust
New Security Measures Denounced
Briefing: House Committee Votes to Delay ASAT Deployment; Federal Court Finds IBT Officials Guilty of Fraud; Creationists, ACLU to Do Battle Again; DOE Officially Terminates ISABELLE; Delay Spells Trouble for Spacelab; Insider Nominated for Disputed ACDA Post; The Pros and Cons of the Research-Teaching Link
Entrepreneurs Implicated in Espionage

RESEARCH NEWS
Carbon Dioxide and a Changing Climate
IBM Drops Superconducting Computer Project
Editing mRNA Precursors
Z-DNA Moves Toward “Real Biology”

AAAS NEWS
CSFR Begins Project on Secrecy and Openness in Technical Communication: R. Chalk: Science Communication Course Directory Published; List of
Women's Groups to Be Revised; AAAS/CAST Symposium Focuses on Ruminants; Galápagos Evolution Described; Obituaries 

The Architecture of Cognition, reviewed by K. Holyoak; Microbes in Their Natural Environments, R. L. Crawford; Xylem Structure and the Ascent of Sap, G. P. Berlyn; Physics of the Jovian Magnetosphere, A. Eviatar; Books Received 

Sequential Basal Faults in Devonian Dolomite, Nopah Range, Death Valley Area, California: H. R. Wenk and D. H. Zenger 

Satellite Detection of Effects Due to Increased Atmospheric Carbon Dioxide: J. T. Kiehl 


A Micromechanical Contribution to Cochlear Tuning and Tonotopic Organization: T. Holton and A. J. Hudspeth 

Alternating Current Delivered into the Scala Media Alters Sound Pressure at the Eardrum: A. E. Hubbard and D. C. Mountain 

Anti-T-Cell Reagents for Human Bone Marrow Transplantation: Ricin Linked to Three Monoclonal Antibodies: D. A. Vallera et al. 

Predatory Capture of Toads by Fly Larvae: R. Jackman et al. 

The Development of Human Fetal Hearing: J. C. Birnholtz and B. R. Benacerraf 

Extensive Dendritic Sprouting Induced by Close Axotomy of Central Neurons in the Lamprey: G. F. Hall and M. J. Cohen 

Paedomorphosis and Neoteny in the Pygmy Chimpanzee: B. T. Shea 

Hypnotically Created Memory Among Highly Hypnotizable Subjects: J.-R. Laurence and C. Perry 

Detection of Antibodies to Herpes Simplex Virus with a Continuous Cell Line Expressing Cloned Glycoprotein D: P. W. Berman, D. Dowbenko, L. A. Lasky 
