LETTERS
Animals in Research: M. S. Pallak; The Mohole Project: W. Bascom; Yosif Begun: M. Kac, J. L. Lebowitz, P. H. Plotz; A Manual Twitch: P. W. Leslie and J. T. McCabe; Prenatal Learning: K. Ramachandran

EDITORIAL
Science and Two-Armed Diplomats: R. W. Nichols

ARTICLES
Recent Sedimentation on the New Jersey Slope and Rise: D. J. Stanley, T. A. Nelson, R. Stuckenrath

Volcanic Hotspots on Io: Stability and Longitudinal Distribution: T. V. Johnson et al.

The Precursor of the Cretaceous-Tertiary Boundary Clays at Stevns Klint, Denmark, and DSDP Hole 465A: M. Kastner et al.

NEWS AND COMMENT
Use of Antibiotics in Animal Feed Challenged

Waiting for Sonic Booms

World Bank Puts Priority on Africa Program

Briefing: Endangered U.S. Plants to Be Collected, Conserved; OMB Relents on Rescue Satellite; IIASA Wins Support; Congress, NIH Dedicate Center to Mary Lasker; Researcher’s Suit Against NCI Wins Mixed Judgment

OMB Move Threatens Landsat

RESEARCH NEWS
Far IR Free Electron Laser at Santa Barbara

The Paleoclimatic Magic Numbers Game

The Proper Display of Data

MEETING
Call for Contributed Papers
Women and Minorities Continue to Grow in Workplace: B. M. Vetter and E. L. Babco; "Report on Science" Honored; AAAS Fellows End Summer Assignments; SWARM Division Annual Meeting to Be in Tucson; Science 84 Book Explains Science of Sports; Arid Lands Conference Issues Call for Papers; List of Women’s Science Groups Available

Behavioral Ecology, reviewed by P. W. Sherman; Biology of the Integument, H. Oberlander; Current Problems in Germ Cell Differentiation, G. F. Erickson; Archeology and Volcanism in Central America: R. N. Zeitlin; Books Received

Chenopodium as a Prehistoric Domesticate in Eastern North America: Evidence from Russell Cave, Alabama: B. D. Smith

Venus: Volcanism and Rift Formation in Beta Regio: D. B. Campbell et al.

Increased Stratospheric Hydrogen Chloride in the El Chichón Cloud: W. G. Mankin and M. T. Coffey

Suramin Protection of T Cells in Vitro Against Infectivity and Cytopathic Effect of HTLV-III: H. Mitsuya et al.

Optical Measurements of Extracellular Calcium Depletion During a Single Heartbeat: L. Cleemann, G. Pizarro, M. Morad

Expression of the 3′ Terminal Region of Human T-Cell Leukemia Viruses: W. Wachsman et al.

Retarding Effect of Lowered Heart Rate on Coronary Atherosclerosis: P. A. Beere, S. Glagov, C. K. Zarins

Rhodopsin Kinase Activity in the Mammalian Pineal Gland and Other Tissues: R. L. Somers and D. C. Klein

Caffeine and Related Methylxanthines: Possible Naturally Occurring Pesticides: J. A. Nathanson

Regulation of a Hybrid Gene by Glucose and Temperature in Hamster Fibroblasts: J. W. Attinello and A. S. Lee

Io, one of Jupiter’s moons. Color, shown in mosaic of images acquired by Voyager 1 in 1979, is not the natural sulfurous yellow of Io but has been computer-enhanced to show the wide range of colored units on the satellite’s surface. The region shown is one of the most active volcanic regions on Io. The dark semicircular feature with a bright region within it is the Loki Patera, believed to be a lava lake more than 200 kilometers in diameter and possibly filled with molten sulfur. See page 134. [Computer processing and color enhancement by A. McEwen and L. A. Soderblom, Astrogeology Branch, U.S. Geological Survey, Flagstaff, Arizona; photo courtesy of Jet Propulsion Laboratory/NASA and U.S. Geological Survey]