Understanding Man's Behavior: L. S. Minckler; G. Semby; J. A. Nevin;
Research Grant Evaluation at NIH: L. C. Mark; Spectacular Jaw:
S. P. Applegate ........................................... 890

New Initiatives in Technology ..................................... 895

A Cartography of the Ecstatic and Meditative States: R. Fischer ................. 897
The Nation's Rivers: M. G. Wolman .................................. 905
Current Physics Information: H. W. Koch ................................ 918

After the Pentagon Papers: Talk with Kistiauskov, Wiesner .................. 923
Institute of Medicine: Broad-Spectrum Prescription ...................... 929
Nuclear Physics: Does Competition Breed a Monstrous Game? ............. 932

Molecular Biology: Gene Insertion into Mammalian Cells ....................... 933

Use of Marijuana, reviewed by M. Jarvik; other reviews by R. Pipes, J. H.
Ostrom, E. Holtzman; Books Received .................................. 935
REPORTS

Jupiter: An Unidentified Feature in the 5-Micron Spectrum of the North Equatorial Belt: G. Minchin and G. Neugebauer .......................................................... 940

Particle Formation during Water-Vapor Photolysis: I. D. Clark and J. F. Noxon .... 941

Mars: Has Nitrogen Escaped?: R. T. Brinkmann .................................................. 944

Ice Nucleation by Coprecipitated Silver Iodide and Silver Bromide: B. Vonnegut and H. Chessin .......................................................... 945

Microanalysis of Individual Mitochondrial Granules with Diameters Less than 1000 Angstroms: L. V. Sutfin, M. E. Holtrop, R. E. Ogilvie .............. 947

Strontium Induced Rickets: Metabolic Basis: J. L. Omdahl and H. F. DeLuca .... 949

6-Hydroxy-Δ1-Tetrahydrocannabinol Synthesis and Biological Activity: Z. Ben-Zvi et al. .......................................................... 951

Galactose Toxicity in the Chick: Hyperosmolality: J. I. Malone, H. J. Wells, S. Segal 952

Prenatal Cerebral Development: Effect of Restricted Diet, Reversal by Growth Hormone: S. Zamenof, E. van Marthens, L. Grauel .............................. 954


Stereoscopic Depth Movement: Two Eyes Less Sensitive than One: C. W. Tyler .... 958

Technical Comments: Growth Inhibition by Mechanical Stress: R. Turgeon and J. A. Webb; Arctic Paleo-Oceanography in Late Cenozoic Time: K. Hunkins et al.; Y. Herman ........................................... 961

ASSOCIATION AFFAIRS

Ocean Symposium: H. B. Stewart, Jr.; Technology and Growth in a Resource Limited World; A Search for the Recognizable Goals and Constraints of the Steady State Earth ........................................... 964

COVER

Etching, made during an acute schizophrenic episode, demonstrates the contraction of nearby visual space, which results in a raised horizon (original drawing, 130 × 100 millimeters). See page 897. [Photograph courtesy of Leo Navratil, Niederösterreichisches Landeskrankenhaus für Psychiatrie und Neurologie, Klosterneuburg, Austria]