LETTERS


EDITORIAL

Science and Values: R. S. Berman

ARTICLES

Flagellar Movement: A Sliding Filament Model: C. J. Brokaw
Metallocarboranes That Exhibit Novel Chemical Features: M. F. Hawthorne and G. B. Dunks
Citation Analysis as a Tool in Journal Evaluation: E. Garfield

NEWS AND COMMENT

Cancer Advisory Board: Nobody's Rubber Stamp
Reactor Safety: AEC Concedes Some Points to Its Critics
West Virginia: Strip Mining Issue in Moore-Rockefeller Race

RESEARCH NEWS

The 1972 Nobel Prize for Economic Science
The 1972 Nobel Prize for Physics
The 1972 Nobel Prize for Chemistry

BOOK REVIEWS

The Social Construction of Communities, reviewed by S. Milgram; Politics in Science, D. Joravsky; Sand and Sandstone, H. Blatt; The Foundations of Acoustics, R. T. Beyer; Books Received
REPORTS


Sandstone: Secular Trends in Lithology in Southwestern Montana: M. McLane ..................................................... 502

Artificial Cloud Formation in the Atmosphere: K. O. L. F. Jayaweera and T. Ohtake .................................................. 504

Detergent Effects on a Reverse Transcriptase Activity and on Inhibition by Rifamycin Derivatives: F. M. Thompson et al. .......................... 505

Electrical Responses of Insect Central Neurons: Augmentation by Nerve Section or Colchicine: R. M. Pitman, C. D. Tweedle, M. J. Cohen ........................................... 507

Synapses onto Different Morphological Types of Retinal Ganglion Cells: R. W. West and J. E. Dowling ............................................. 510


Synthesis of Cysteine from Methionine in Normal Adult Subjects: Effect of Route of Alimentation: L. D. Stegink and L. Den Besten ........................................... 514

Murine Leukemia Virus: Restriction in Fused Permissive and Nonpermissive Cells: R. W. Tennant and C. B. Richter ............................................ 516

Memory Traces: Experimental Separation by Cycloheximide and Electroconvulsive Shock: D. K. Andy and M. W. Lutges ............................................. 518


AAAS ANNUAL MEETING

Psychosocial Processes and Communications Technology: Capital City Readout—AAAS Communications Experiment ........................................ 524

COVER

Artificial cloud formed by introducing 5 kilograms of Dry Ice powder into a layer of clear air having more water vapor than would be present at ice saturation. As Dry Ice powder was released from an aircraft, cloud cells were formed which later merged into a uniform cloud. Cloud shown was photographed 20 minutes after seeding. See page 504. [T. Ohtake, Geophysical Institute, University of Alaska, Fairbanks]