LETTERS

Exposure to Alkyl Mercury: G. F. Wright; Need for Graduate Education: W. Trager; Breath Test Machines: N. H. Spector; "Back-to-the-Wall" Effect?: W. Simon; Teflon Membrane: W. B. Elliott

EDITORIAL

AAAS Meeting—Where the Action Is

ARTICLES

The Cholinergic Synapse and the Site of Memory: J. A. Deutsch
Persistent Cultural Systems: E. H. Spicer

NEWS AND COMMENT

Lead in the Air: Industry Weight on Academy Panel Challenged
Kansas State U.: Whatever Happened to Good Old State U.?
Hexachlorophene: FDA Temporizes on Brain-Damaging Chemical

RESEARCH TOPICS

Breeder Reactors: Power for the Future

BOOK REVIEWS

The Insect Societies, reviewed by O. W. Richards; other reviews by H. K. Geiger, M. E. Hertzog, C. P. Leblond, D. B. Wilson, L. N. Edmunds, Jr., B. S. Rabinovitch; Books Received

REPORTS

Submarine Pinos in the Beaufort Sea: J. M. Shearer et al.
Uranium Distributions in Archeologic Ceramics: Dating of Radioactive Inclusions: D. W. Zimmerman
A Rotating Solar Magnetic "Dipole" Observed from 1926 to 1968: J. M. Wilcox and W. Gonzalez
Evolving Subduction Zones in the Western United States, as Interpreted from Igneous Rocks: P. W. Lipman, H. J. Prostka, R. L. Christiansen 821

Precambrian Columnar Stromatolite Diversity: Reflection of Metazoan Appearance: S. M. Awramik 825

Eutrophication of Lake Water Microcosms: Phosphate versus Nonphosphate Detergents: D. Mitchell 827

Asymmetry, Its Importance to the Action and Metabolism of Abscisic Acid: E. Sondheimer et al. 829


Anemic Stress as a Trigger of Myelogenous Leukemia in Rats Rendered Leukemia-Prone by X-ray: J. K. Gong 833


Neuronal GM1 Gangliosidosis in a Siamese Cat with β-Galactosidase Deficiency: H. J. Baker, Jr., et al. 838

Simultaneous Detection of Reverse Transcriptase and High Molecular Weight RNA Unique to Oncogenic RNA Viruses: J. Schlim and S. Spiegelman 840

Activation of Spontaneous Murine Leukemia Virus–Related Antigen by Lymphocytic Choriomeningitis Virus: M. B. A. Oldstone, T. Aoki, F. J. Dixon 843


MEETINGS Ion Flow in Membranes: L. J. Mullins; Membrane Structure: D. E. Green 861

COVER Pingo rising out of the flat landscape near the village of Tuktoyaktuk, Northwest Territories. In size and shape, this pingo is practically identical to those found on the floor of the Beaufort Sea (background). Photograph was taken from the top of another pingo. See page 816. [Roger Belanger, Atlantic Oceanographic Laboratory, Dartmouth, Nova Scotia, Canada]