LETTERS

EDITORIAL
Regulation of Social Research: F. Mosteller

ARTICLES
Organometallic Chemistry in Homogeneous Catalysis: G. W. Parshall
Natural Products from Microorganisms: H. B. Woodruff
Court Finds That Science Digest Infringes on Logo of Science: W. J. Broad

NEWS AND COMMENT
Love Canal: False Alarm Caused by Botched Study
Chromosome Damage: What It Is, What It Means
Love Canal Residents Under Stress
Briefing: Big Boost for Solar Energy, Conservation; Discontent at EPA; Hostages in the Arctic: The Porcupine Caribou

RESEARCH NEWS
Problems with Ultraminiaturized Transistors

CENTENNIAL
The Making of a Darwin; The Chemist and the Community: The California Earthquake: Inaugural Address of President Charles Richard Van Hise

ANNUAL MEETING
Call for Contributed Papers

BOOK REVIEWS
Mathematical Population Genetics, reviewed by J. Felsenstein; Health, Medicine and Mortality in the Sixteenth Century, E. van de Walle; Advances in Bryozoology, J. B. C. Jackson; The Large-Scale Characteristics of the Galaxy, M. Lecar; Books Received
PRODUCTS AND MATERIALS

Biomedical Image Analysis; Large-Volume Solvent Recovery; Hybridoma Screening Reagents; Laboratory Alarm System; Personal Computer; Separation Medium for TLC; Array Processor; Literature

Cover

Ash and steam eruption of Mount St. Helens, Washington, 3 April 1980. The column rises to an elevation of approximately 4000 meters as it is blown downwind. Airborne spectrometric analysis of this and other plumes revealed only minor magmatic gas contribution to the eruptions during the first 16 days of activity. See page 1258. [Stanley N. Williams, Department of Earth Sciences, Dartmouth College, Hanover, New Hampshire]