LETTERS
Indoor Air Pollution: W. H. Aaroe and E. Light; H. J. Roberts; J. D. Spengler and K. Sexton; Factoring: G. J. Simmons

EDITORIAL
An International Effort in Chemical Science: G. T. Seaborg

ARTICLES
Host-Selective Toxins and Their Role in Plant Diseases: R. P. Scheffer and R. S. Livingston
Chesapeake Bay Anoxia: Origin, Development, and Significance: C. B. Officer et al.
AAAS Board Statement on Politics and Science

NEWS AND COMMENT
Europe Seeks Joint Computer Research Effort
Probe Wins Support the Hard Way
The Synfuels Shopping List
National Science Board Rethinks Charter
Briefing: EPA Launches Major Dioxin Attack; DOE Selects Nuclear Neophyte for Oak Ridge; OTA Memo Critical of NRC Cancer Study; NIH to Review Policy of DNA Committee; Radioactive Seaweed Stirs U.K. Low-Level Waste Fight

RESEARCH NEWS
Stalking the Next Parkfield Earthquake
How to Catch an Earthquake
Alien Beings Here on Earth
Oncogenes Amplified in Cancer Cells
**BOOK REVIEWS**

Crystallography in North America, reviewed by W. L. Duax; The Confidence Gap, W. R. Keech; Effects of Accumulation of Air Pollutants in Forest Ecosystems, W. H. Smith; Temperature, R. J. Soolen, Jr.; Plant Infectious Agents: M. K. Brakke; Reprints of Books Previously Reviewed

**REPORTS**

Discovery of a New Gravitational Lens System: C. R. Lawrence et al. .......................... 46

Late Miocene Vegetational and Climatic Variations Inferred from a Pollen Record in Northwest Wyoming: C. W. Barnosky .......................................................... 49

Turbulent Jets and Eddies in the California Current and Inferred Cross-Shore Transports: C. N. K. Mooers and A. R. Robinson ............................................. 51

Structural and Bonding Changes in Cesium Iodide at High Pressures: E. Knittle and R. Jeanloz .......................................................... 53


Inhibition of Human Acute Lymphoblastic Leukemia Cells by Immunotoxins: Potentiation by Chloroquine: S. Ramakrishnan and L. L. Houston ............................ 58


Gene Product of v-fgr onc: Hybrid Protein Containing a Portion of Actin and a Tyrosine-Specific Protein Kinase: G. Naharro, K. C. Robbins, E. P. Reddy .......................... 63

Purification and Sequence Analysis of Bioactive Atrial Peptides (Atriopeptins): M. G. Currie et al. .......................................................... 67

Activation of Antitumor Agent Gilvocarcins by Visible Light: R. K. Elespuru and S. K. Gonda .......................................................... 69

The Human Homologs of the raf (mil) Oncogene Are Located on Human Chromosomes 3 and 4: T. Bonner et al. .......................................................... 71

Transmission of Simian Acquired Immunodeficiency Syndrome (SAIDS) with Blood or Filtered Plasma: M. Gravell et al. .......................................................... 74

**Technical Comments:** Analyzing Nonlinear Scatchard Plots: K. E. Light; S. M. Paul et al. .......................................................... 76

**COVER**

Against the backdrop of the Grand Tetons, Wyoming, the late Miocene Teewinot Formation (exposed as buff-colored hills in the middle distance) contains a pollen record that shows vegetational and climatic fluctuations of the same frequency as that observed in more recent geologic time. See page 49. [Cathy W. Barnosky, Department of Geological Sciences, University of Washington, Seattle 98195]