LETTERS

EDITORIAL
A Lost Opportunity

ARTICLES
The Discovery of Tunneling Supercurrents: B. D. Josephson
Cortical Control of Cell Division: N. de Terra
Educational Challenges for the University: F. Reif

NEWS AND COMMENT
American Medical Students Abroad: Numbers Growing, So Are Limitations
Looking Beyond Watergate: The Role of Public Interest Law
Food and Nutrition: Is America Due for a National Policy?

RESEARCH NEWS
Dilatancy: Growing Acceptance as an Earthquake Mechanism
Tumor Immunology (I): The Host's Response to Cancer
Lithium Primary Cells: Serendipitous Search for a New Laser Leads to an Advanced Battery

BOOK REVIEWS
Image and Environment, reviewed by J. F. Wohlwill; The Detection of Fish, F. N. Spiess; Biology and Geology of Coral Reefs, J. W. Wells; The Hydrophobic Effect, P. H. von Hippel; Books Received

REPORTS
Spherulitic Recrystallization of Metamict Polycraste: R. C. Ewing

Electronic Structure and Catalytic Behavior of Tungsten Carbide:
L. H. Bennett et al. .................................................. 563

X-ray Photoelectron Spectroscopic Studies of Interactions in Multicomponent Metal and Metal Oxide Thin Films: N. Winograd et al. ........................................ 566

Cristobalitic Stage in the Diagenesis of Diatomaceous Shale: K. J. Murata and J. K. Nakata ........................................ 567

Nitric Oxide Reduction Coupled with Carbon Monoxide Oxidation in the Presence of Soluble Metal Catalysts: J. Reed and R. Eisenberg ........................................ 568

Air Pollution: Remote Detection of Several Pollutant Gases with a Laser Heterodyne Radiometer: R. T. Menzies and M. S. Shumate ........................................ 570

Brain Capillary Blockage Produced by a Virulent Strain of Rodent Malaria: M. Yoeli and B. J. Hargreaves ........................................ 572

Thiocarbamate Sulfoxides: Potent, Selective, and Biodegradable Herbicides:
J. E. Casida, R. A. Gray, H. Tilles ........................................ 573

Augmentation of Bone Repair by Inductively Coupled Electromagnetic Fields:
C. A. L. Bassett, R. J. Pawluk, A. A. Pilla ........................................ 575

Oxygen Binding in Cyanmet Hybrid and Normal Hemoglobin: Applicability of Sequential and Two-State Concerted Models: A. F. Minton ........................................ 577

Spontaneous Remembering after Recall Failure: H. Buschke ........................................ 579

Coyote Predation Control by Aversive Conditioning: C. R. Gustavson et al. ........................................ 581

Sugar Sweetness and Pleasantness: Evidence for Different Psychological Laws: H. R. Moskowitz et al. ........................................ 583

Technical Comments: Surface Charge, Protein Adsorption, and Thrombosis:
L. Vroman; J. S. Mattson and C. A. Smith; "γ-Glutamyl Cycle": F. Binkley and J. D. Johnson; A. Meister; Laetrile and Schistosomiasis: W. C. Campbell ........................................ 585

COVER

Rare-earth fersmite spherulite in matrix of metamict polycrase viewed in transmitted light under crossed polars. The spherulite is approximately 80 micrometers in diameter. Although individual fibrils are barely visible, the anisotropic, birefringent spherulite contrasts with the surrounding isotropic metamict polycrase. The birefringence of the spherulite increases toward the center region. See page 561. [Rod Ewing, Stanford University, Stanford, California]
Science 184 (4136), 520-589.