LETTERS
Scientific Exchange with the Soviets: B. Dole; Nitrates and Nitrites in the Human Diet: P. E. Hartman; Saccharin, Cancer, and Calories: T. C. Campbell; B. L. Cohen; Vietnamese Universities: J. Mayer; Shroud Study: J. S. Accetta

EDITORIAL
Disease Prevention: Asking the Right Questions: E. L. Wynder

ARTICLES
The Pecked Cross Symbol in Ancient Mesoamerica: A. F. Aveni, H. Hartung, B. Buckingham
Nucleosome Arcs and Helices: J. Dubocchet and M. Noll
Future Sources of Organic Raw Materials: I. S. Shapiro

NEWS AND COMMENT
Technology Creep and the Arms Race: Two Future Arms Control Problems
OSTP Faults Energy Research Quality: Fossil and Solar Found Wanting
Send Not to Know for Whom the Nobel Tolls: It's Not for Thee

RESEARCH NEWS
The Fields Medals (I): Relating the Continuous and the Discrete: G. D. Mostow
Antibodies (I): New Information About Gene Structure

BOOK REVIEWS
The Sociology of Science in Europe, reviewed by S. Shapin; An Introduction to Population Ecology, T. R. E. Southwood; Monte Albán, W. T. Sanders and R. S. Santley; Island Arcs, Deep Sea Trenches and Back-Arc Basins, A. G. Smith; Books Received and Book Order Service

REPORTS
North American Pleistocene Stages Reconsidered in Light of Probable Pliocene-Pleistocene Continental Glaciation: J. Boellstorff
Condensation of Nonequilibrium Phases of Refractory Silicates from the Vapor: K. L. Day and B. Donn

Intraspecific Evidence for the Function of Single and Double Cones in the Teleost Retina: G. W. Boehlert

Prolactin Synthesis by Human Chorion-Decidual Tissue: A Possible Source of Prolactin in the Amniotic Fluid: A. Golander et al.

Tumor-Promoting Phorbol Esters Inhibit Binding of Epidermal Growth Factor to Cellular Receptors: L.-S. Lee and I. B. Weinstein

The Attention Operating Characteristic: Examples from Visual Search: G. Sperling and M. J. Melchner

Alkaline Phosphatase in Epstein-Barr Viral Nuclear Antigen–Positive Cell Lines: A. Karpas et al.

Regulation of Macrophage Tumoricidal Function: A Role for Prostaglandins of the E Series: R. M. Schultz et al.

Presynaptic Alpha-Receptor Subsensitivity After Long-Term Antidepressant Treatment: F. T. Crews and C. B. Smith

Neural Lateralization of Species-Specific Vocalizations by Japanese Macaques (Macaca fuscata): M. R. Petersen et al.

Effects of the Home Environment on Withholding Behaviors and Conditioning in Infant and Neonatal Rats: G. J. Smith and N. E. Spear

Infant Astigmatism Measured by Photo refract ion: H. C. Howland et al.

Productivity of Ospreys in Connecticut–Long Island Increases as DDE Residues Decline: P. R. Spitzer et al.


MEETING

Gordon Research Conferences: Winter 1979: A. M. Cruckshank

PRODUCTS AND MATERIALS

Freeze Dryer; Spectrofluorometer; Color Meas urer; Peristaltic Pump; Color Television for Microscopy; Composition Analyzer; Constant Temperature Apparatus; Literature