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
Nuclesome Arcs and Helices: J. Dubochet 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. Sanz; 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

ISSN 0036-8075
20 October 1978
Volume 202, No. 4365
Condensation of Nonequilibrium Phases of Refractory Silicates from the Vapor: K. L. Day and B. Donn .......................................................... 307

Intraspecific Evidence for the Function of Single and Double Cones in the Teleost Retina: G. W. Boehlert ............................................................. 309

Prolactin Synthesis by Human Chorion-Decidual Tissue: A Possible Source of Prolactin in the Amniotic Fluid: A. Golander et al .................. 311

Tumor-Promoting Phorbol Esters Inhibit Binding of Epidermal Growth Factor to Cellular Receptors: L.-S. Lee and J. B. Weinstein .................. 313

The Attention Operating Characteristic: Examples from Visual Search: G. Sperling and M. J. Melchner ......................................................... 315

Alkaline Phosphatase in Epstein-Barr Viral Nuclear Antigen-Positive Cell Lines: A. Karpas et al ................................................................. 318

Regulation of Macrophage Tumorcidal Function: A Role for Prostaglandins of the E Series: R. M. Schultz et al ............................................ 320

Presynaptic Alpha-Receptor Subsensitivity After Long-Term Antidepressant Treatment: F. T. Crews and C. B. Smith ........................................ 322

Neural Lateralization of Species-Specific Vocalizations by Japanese Macaques (Macaca fuscata): M. R. Petersen et al .................................. 324

Effects of the Home Environment on Withholding Behaviors and Conditioning in Infant and Neonatal Rats: G. J. Smith and N. E. Spear ........ 327

Astigmatism in Infants: I. Mohindra et al ........................................... 329

Infant Astigmatism Measured by Photorefraction: H. C. Howland et al .... 331

Productivity of Ospreys in Connecticut-Long Island Increases as DDE Residues Decline: P. R. Spitzer et al .............................................. 333


MEETING


PRODUCTS AND MATERIALS

Freeze Dryer; Spectrofluorometer; Color Measurement; Peristaltic Pump; Color Television for Microscopy; Composi-Apparatus; Literature ..... 343