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Complex Iron Smelting and Prehistoric Culture in Tanzania: P. Schmidt and D. H. Avery
Genetic Improvement of Wild Fish Populations: R. Moav, T. Brody, G. Hulata

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Defense Scientists Differ on Nuclear Stockpile Testing
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BOOK REVIEWS
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REPORTS
Crystal Chemistry of Silicon–Oxygen Bonds at High Pressure: Implications for the Earth’s Mantle Mineralogy: R. M. Hazen and L. W. Finger

Localization of Inorganic Phosphate in the Pancreatic B Cell and Its Loss on Glucose Stimulation: N. Freinkel et al.

Mitochondrial Thyroid Hormone Receptor: Localization and Physiological Significance: K. Sterling et al.


Molecular Conformation of a Halogen-Free Thyroxine Analog: 4′-Methoxy-3,5′-trimethyl-L-thyronine N-Acetyl Ethyl Ester: V. Cody

Rod-Cone Dysplasia in Irish Setters: A Defect in Cyclic GMP Metabolism in Visual Cells: G. Aguirre et al.

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Enhancement of Oncogenesis in C3H/10T1/2 Mouse Embryo Cell Cultures by Saccharin: S. Mondal, D. W. Brankow, C. Heidelberger

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Writing, Dictating, and Speaking Letters: J. D. Gould and S. J. Boies

Particle Capture by a Pacific Brittle Star: Experimental Test of the Aerosol Suspension Feeding Model: M. LaBarbera

Infantile Stimulation Induces Brain Lateralization in Rats: V. H. Denenberg et al.

Technical Comments: Parthenogenetic Lizards: P. E. Vanzolini; J. W. Wright; C. J. Cole; O. Cuellar

Fiber-Optic Illumination System; Blood Analyzer; Water Analyzer; Electrocardiogram and Blood Pressure Simulator; Microprocessor-Controlled Dispenser; Electron Microscope; Anaerobic Chamber; Cabinets for Analysis of Fluorescence; Microscope Camera Attachment; Literature

Soviet spacecraft Cosmos 782, a sphere 8 feet in diameter with service and battery modules attached, was launched 25 November 1975 and was the first Soviet spacecraft to contain U.S. experiments. Flags of the seven countries which participated in this mission (United States, U.S.S.R., Czechoslovakia, France, Hungary, Poland, and Rumania) are displayed on top of the spacecraft. The main objective of the mission was to determine effects of space flight on a variety of animals, plants, and insects. See page 1138. [R. Mah, Soviet Space Museum]
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