Peace Supporters: W. F. Davis; Quasar Boundary: M. Schmidt; Pleistocene Seed Dispersal: T. K. Pratt; D. H. Janzen and P. S. Martin

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REPORTS

Solar Neutrino Production of Technetium-97 and Technetium 98: G. A. Cowan and W. C. Haxton

Search for Interstellar Superheavy Hydrogen: M. Jura and D. G. York

Queuine, a Modified Base Incorporated Posttranscriptionally into Eukaryotic Transfer RNA: Wide Distribution in Nature: J. R. Katze, B. Basile, J. A. McCloskey

Cytochrome P-450-Dependent Monoxygenases in Olfactory Epithelium of Dogs: Possible Role in Tumorigenicity: A. R. Dahl et al.

A Monoclonal Antibody That Reacts with Nonallelic Enzyme Glycoproteins: K. J. Gogolitz et al.

Developmental Changes in the Biliary Excretion of Methylmercury and Glutathione: N. Ballatori and T. W. Clarkson

Mutual Flocculation of Algae and Clay: Evidence and Implications: V. Avnimelech, B. W. Troeger, L. W. Reed

Influence of Cholesterol on Water Penetration into Bilayers: S. A. Simon, T. J. McIntosh, R. L. Latorre

Cultivation of Bacteria-Free Hydra viridis: Missing Budding Factor in Nonsymbiotic Hydra: M. Rahat and Ch. Dimentman

Cyclic Biological Expression in Mouse Mammary Tumors: D. T. Kiang et al.

5-Azacytidine-Induced Reactivation of a Herpes Simplex Thymidine Kinase Gene: D. W. Clough, L. M. Kunkel, R. L. Davidson

Transplantation of the Cockroach Circadian Pacemaker: T. L. Page

Ornithine Decarboxylase: Essential in Proliferation but Not Differentiation of Human Promyelocytic Leukemia Cells: G. D. Luk et al.

Aspartate: Possible Neurotransmitter in Cerebellar Climbing Fibers: L. Wiklund, G. Toogtenburger, M. Cueneod

Extracellular Potassium Ions Mediate Specific Neuronal Interaction: Y. Yarom and M. E. Spira

A Virally Induced Obesity Syndrome in Mice: M. J. Lyons et al.

Dynorphin and Vasopressin: Common Localization in Magnocellular Neurons: S. J. Watson et al.

COVER

An inert reentry vehicle from a 1 Air Force Minuteman III launch from Vandenberg Air Force Base, California, streaks to an impact at Kwajalein missile range in September 1! Similar tests in the Soviet Union led to a decision by the United States to be the controversial MX missile. See p 30. [U.S. Army]