The Lysenkoists: E. Kaellis; E. W. Caspari; T. H. Jukes; M. Bartalos; Financing Key Ideas: M. B. Berke; Fertility Experiment Recalled: W. F. Windle; Lissajous Figures by Analog Computer: J. Potsick; Genetics and Soviet Science: H. S. Forest; Making the Scene: J. H. Carlson; More on Metrics: Clocks, Compasses, Music, and Milk Bottles: S. T. Fisher and M. Mateos

The Freshman Class

Organic Compounds in Carbonaceous Chondrites: M. H. Studier et al. These compounds seem to have formed in the solar nebula by equilibrium reactions among hot gases.

Ferredoxin and Photosynthesis: D. I. Arnon. An iron-containing protein is a key factor in energy transfer during photosynthesis.

The Kinetics and Analysis of Very Fast Chemical Reactions: R. G. W. Norrish


Report from India: India's Nascent Space Program: V. K. McElheny

University Mathematics and An Introduction to Modern Mathematics, reviewed by W. K. Smith; other reviews by P. S. Martin, A. Riopelle, S. C. Brown, R. C. Miles, R. H. Dicke; New Books

Age of Craters on Mars: E. Anders and J. R. Arnold

Mars: Age of Its Craters: J. Witting, F. Narin, C. A. Stone

Mars: An Estimate of the Age of Its Surface: R. B. Baldwin

Chert: Modern Inorganic Deposition in a Carbonate-Precipitating Locality: M. N. A. Peterson and C. C. von der Borch

Tritium: Distribution in Buscycon canaliculatum (L.) Injected with Labeled Reserpine: M. Mirolli

Actinomycin D: Inhibition of Protein Synthesis Unrelated to Effect on Template RNA Synthesis: G. R. Honig and M. Rabinovitz

Uncrossed Visual Pathways of Hooded and Albino Rats: R. D. Lund

α-Hydroxy Acid Oxidase: Localization in Rental Microbodies: J. M. Allen and M. E. Beard

Algal Cultures: Ability To Reduce Turbulent Friction in Flow: J. W. Hoyt and G. Soli

Malignant Lymphomas Following Allogenic Disease: Transition from an Immunological to a Neoplastic Disorder: R. S. Schwartz and L. Beldotti


Schlieren Technique for Studying Water Flow in Marine Animals: J. A. Westphal

Triploidy in a Human Cell Line: J. D. Regan and J. B. Smith

Inheritance of Two Alkaline Phosphatase Variants in Fowl Plasma: G. R. J. Law and S. S. Munro

Comments on Reports: Mirror-Image Reversal in Pigeons: W. W. Cumming, I. M. Siegel, D. F. Johnson; N. K. Mello; Stone Migration by Freezing of Soil: C. W. Kaplan; Retrograde Amnesia: S. L. Chorover and P. H. Schiller; S. S. Tenen

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COVER

Design found on the interior surfaces of bowls from the southwestern plateau area of the United States dates back to A.D. 1175–1300. Three colors were used, hence the pottery is classified as polychrome. The interior design is black and orange; the exterior is white on black. St. Johns Polychrome was very popular and widely traded. See review of Southwestern Archaeology, page 1490. [University of Illinois Press]