Viscosity of Lunar Lavas: T. Murase and A. R. McEvoy

Supersaturation of Gases in Water: Absence of Cavitation on Decompression from High Pressures: E. A. Hemmingsen

Uranium Localization on Hydroxapatite by Analysis of Fission Fragment Tracks: R. C. Thompson

Fluid Transport: Concentration of the Intercellular Compartment: B. J. Wall, J. L. Oschman, B. Schmidt-Nielsen

Postnatal Muscle Fiber Assembly: Localization of Newly Synthesized Myofibrillar Proteins: E. Morkin

Cyto genetic Studies with Cyclamate and Related Compounds: D. R. Stoltz et al.

Unified Account of the Variable Effects of Carbon Dioxide on Nerve Cells: J. L. Walker, Jr., and A. M. Brown

Line and Grade in the Extinct Medius Species Group of Sigmodon: R. A. Martin

Carbon Dioxide Fixation by Mouse Embryos prior to Implantation: C. N. Graves and J. D. Biggers

Hyperbaric Oxygen: Effects on Metabolism and Ionic Movement in Cerebral Cortex Slices: P. Joanny, J. Corrill, F. Brue


Glycine Inhibition of Asparaginase: W. L. Ryan and H. C. Sornson

Heterozygous Beta Thalassemia: Balanced Globin Synthesis in Bone Marrow Cells: E. Schwarz

Bone Marrow and Spleen: Dissociation of Immunologic Properties by Cortisone: M. A. Levine and H. N. Chalmers


MEETINGS

Physical and Chemical Aspects of Ionization and Excitation Processes: F. Williams; Gene Regulation in Mammalian Cells: S. Gluecksohn-Waelsch; Calorimetry: G. C. Sinke

COVER

Growth surface of the nacreous layer in Pinna radiata (pelecypod). New crystals form at the margins of the overlapping mineral laminae (about × 2900). See page 1486. [Sherwood W. Wise, Jr., University of Illinois]