Viscosity of Lunar Lavas: T. Murase and A. R. McBirney
Supersaturation of Gases in Water: Absence of Cavitation on Decompression from High Pressures: E. A. Hemmingsen
Uranium Localization on Hydroxyapatite 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
Cytogenetic 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. Corrilo, 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. Chlaman

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 Pinatula radiata (pelecypod). New crystals form at the margins of the overlapping mineral laminae (about x 2900). See page 1486. [Sherwood W. Wise, Jr., University of Illinois]