Abundance and Diversity of the Labyrinthodonts as a Function of Paleolatitude ............................................. E. Irving and D. A. Brown 689
Equilibrium Dehydration of Diaspore at Low Temperatures
.................................................. W. S. Fyfe and M. A. Hollander 709
Resurrected Oligocene Hills, Eastern Oregon ............ Richard V. Fisher 713
Zeolites and Related Minerals in Cretaceous Rocks of East-central Puerto Rico ................................................................. G. Otálora 726
An X-ray Method for Determining the Orientation of Selected Crystal Planes in Polycrystalline Aggregates ......................... John Starkey 735
A Theory of Similar Folding in Viscous Materials ............. M. B. Bayly 753
Minimum Length of Time of Frigid Conditions in Antarctica as Determined by Thermoluminescence ...................... L. B. Ronca 767
Quasi-Equilibrium States in Channel Morphology
.................................................. Walter B. Langbein and Luna B. Leopold 782
Gully Erosion in the New Forest, Hampshire .................... C. G. Tuckfield 795
Incised, Wind-aligned Stream Patterns of the Colorado Plateau
.................................................. William Lee Stokes 808