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Hormones present during critical periods of development may exert a direct action on the central nervous system.  
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The federal government's Inter-Agency Archaeological Salvage Program is 20 years old.  
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The dilemma of graduate schools in astronomy is best solved by establishing telescopes in good climates.  


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Input Resistance, Electrical Excitability, and Size of Ventral Horn Cells in Cat Spinal Cord: D. K nemel 1637

Heterosis: Complementation by Mitochondria: R. G. McDaniel and I. V. Sarkissian 1640

Maturation of a Stress-Activated Mechanism Inhibiting Induction of Tyrosine Transaminase: S. Schapiro, A. Yuwiler, E. Geller 1642

Eye and Head Movements in Peripheral Vision: Nature of Compensatory Eye Movements: A. E. Bartz 1644


MEETINGS

Dimethyl Sulfoxide: C. D. Leake; Forthcoming Events 1646

COVER

Marble Canyon damsite, 12½ miles north of Grand Canyon National Park. Although the canyon is about 3000 feet deep here, the dam would rise less than half way up the inner gorge, which is 700 feet deep and 400 feet wide. The dam's upper abutments would be imbedded in Redwall limestone; its middle portions would be in Cambrian dolomite and dolomitic limestone; and its lower part would be in Mauv formation. See page 1600. (John Santa, U.S. Bureau of Reclamation)