Stratospheric Ozone with Added Water Vapor: Influence of High-Altitude Aircraft: H. Harrison

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Proteolytic Reaction of Mammalian Spermatozoa on Gelatin Membranes: P. Gaddum and R. J. Blandau

Alcohol Dehydrogenase in Maize: Genetic Control of Enzyme Activity: Y. Efron

Energy Transduction: Inhibition of Cockroach Feeding by Naphthoquinone: D. M. Norris et al.

Slow Synaptic Excitation in Sympathetic Ganglion Cells: Evidence for Synaptic Inactivation of Potassium Conductance: F. F. Weight and J. Volta

Predicting Measures of Motor Performance from Multiple Cortical Spike Trains: D. R. Humphrey, E. M. Schmidt, W. D. Thompson


The Developmental Sciences: State and Fate of Research Funding: V. H. Dennenberg; Biocybernetics of the Dynamic Communication of Emotions and Qualities: M. Clynes

Mammalian spermatozoa applied to thin layers of gelatin impregnated with India ink and fixed in glutaraldehyde (method of Dr. Noel Owers) show proteolytic activity confined to the acrosome. Release of the enzyme occurs solely in the region of the acrosome, in a manner which is species-specific. See page 749. [Penelope Gaddum and Richard J. Blandau, University of Washington]