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Bacterial Resistance to Ultraviolet Irradiation Under Anaerobiosis: Implications for Pre-Phanerozoic Evolution: M. B. Rambler and L. Margulis

Subcellular Origin of Cholinergic Transmitter Release from Mouse Brain: P. T. Carroll and J. M. Aspy

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Liquid-Phase Dehydration of Aqueous Ethanol-Gasoline Mixtures: G. F. Fanta et al.

Stereospecific Nicotine Receptors on Rat Brain Membranes: C. Romano and A. Goldstein


Environmental Influences on Serotonin and Cyclic Nucleotides in Rat Cerebral Cortex: M. C. Diamond et al.

Nigral Dopamine Neurons: Intracellular Recording and Identification with L-Dopa Injection and Histofluorescence: A. A. Grace and B. S. Bunney


Infectious Diseases and Population Cycles of Forest Insects: R. M. Anderson and R. M. May

Reorganization of the Axon Membrane in Demyelinated Peripheral Nerve Fibers: Morphological Evidence: R. E. Foster, C. C. Whalen, S. G. Waxman


Kin Selection: Its Components: M. J. Wade

Adaptive Topography in Family-Structured Models of Kin Selection: R. E. Michod and R. Abagov

Male Photuris Fireflies Mimic Sexual Signals of Their Females' Prey: J. E. Lloyd

Nonolfactory Sensory Pathway to the Telencephalon in a Teleost Fish: T. E. Finger

Attentional Factors in the Inhibition of a Reflex by a Visual Stimulus: E. M. DelPezzo and H. S. Hoffman

Firefly habitat in northwestern peninsular Florida in March. Pulsing Photuris males descend from tall pines to fly, flicker, and glow, like males of unrelated species. Males are probably in quest of their females which are, in turn, hunting the foreign males by aggressive signal mimicry. See page 669. [Dan Otte, Academy of Natural Sciences, Philadelphia, Pennsylvania]
Editor's Summary

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