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ARTICLES

Phonon Optics and Phonon Propagation in Semiconductors: V. Narayananamurti
Rational Approaches to Chemotherapy: Antisickling Agents: I. M. Klotz, D. N. Haney, L. C. King
Producer Gas Engines in Villages of Less-Developed Countries: R. Datta and G. S. Dutt

NEWS AND COMMENT

The Politics of Paleanthropology
The Waterway That Cannot Be Stopped
Briefing: Reagan's Cabinet Split on Synfuels Funding; Legislators Clear Way for Kooch Nomination; Search Begins for New NIH Chief
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BOOK REVIEWS

Genes, Mind, and Culture, reviewed by C. R. Cloninger and S. Yokoyama; The Physiological Ecology of Phytoplankton, J. C. Goldman; Theory of the Nuclear Shell Model, G. Bertieck; The Last Great Ice Sheets, C. R. Bentley; Books Received

Lapita Colonization of the Admiralty Islands?: J. Kennedy


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Antibiotic-Induced Inhibition of Pheromone Synthesis in a Bark Beetle: J. A. Byers and D. L. Wood

Fidelity of Mammalian DNA Polymerases: T. A. Kunkel and L. A. Loeb


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Methylation of Trimethyltin Compounds by Estuarine Sediments: H. E. Guard, A. B. Cobet, W. M. Coleman III

Human Lupus Inclusions and Interferon: S. A. Rich

Genetic Studies of an Acardiac Monster: Evidence of Polar Body Twinning in Man: F. R. Bieber et al.


Sexual Difference Theory: Mormon Crickets Show Role Reversal in Mate Choice: D. T. Gwynne

Sparrows Learn Adult Song and More from Memory: P. Marler and S. Peters

Electrotomographic Coupling Between Pyramidal Cells: A Direct Demonstration in Rat Hippocampal Slices: B. A. MacVicar and F. E. Dudek

Recruitment in a Sea Anemone Population: Juvenile Substrate Becomes Adult Prey: K. P. Sebens

Intracellular Recordings from Thermosensitive Preoptic Neurons: D. O. Nelson and C. L. Prosser


Ultraviolet Absorbance Monitor; Thermometer; Laboratory Personal Computer; Rotary Microtome; Line Printer; Data Terminal for Particle Size Analyzer; Apnea Detector; Literature.
Editor's Summary

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