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**BOOK REVIEWS**

A Prehistory of Australia, New Guinea and Sahul, reviewed by A. R. Pilling; Precambrian Sulphide Deposits, A. J. Naldrett; Lizard Ecology, F. H. Pough; Gazelles and Their Relatives, P. J. Jarman; Muscles and Their Neural Control, G. Bitner; Books Received

**REPORTS**


Computer Simulations of the Belousov-Zhabotinsky Reaction: B. F. Madore and W. L. Freedman

Phaeodarian Skeletons: Their Role in Silica Transport to the Deep Sea: K. Takahashi, D. C. Hurd, S. Honjo

Seep Oil and Gas in Gulf of Mexico Slope Sediment: R. K. Anderson et al.

Nickel: An Essential Micronutrient for Legumes and Possibly All Higher Plants: D. L. Eskew, R. M. Welch, E. E. Cary


Long-Lived Oxidants Generated by Human Neutrophils: Characterization and Bioactivity: S. J. Weiss, M. B. Lampert, S. T. Test

Specific Endocrine Tissue Marker Defined by a Monoclonal Antibody: R. V. Lloyd and B. S. Wilson

Nicarbazin Complex Yields Dinitrocarbanilide as Ultrafine Crystals with Improved Anticoccidial Activity: E. F. Rogers et al.

A Morphogenetically Competent Soybean Suspension Culture: M. L. Christianson, D. A. Warnick, P. S. Carlson

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**COVER**

Two-dimensional Belousov-Zhabotinsky reaction in the laboratory shows the remarkable self-organizing properties manifest in a variety of geometrical forms. Computer simulations running from a variety of initial conditions grow deterministically, and spontaneously model the laboratory experiments. See page 615. [Barry F. Madore, Department of Astronomy, University of Toronto, Toronto, Canada MSS 1A1]
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