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COVER Sunlit New Hampshire foliage provides a serene setting for many of the Gordon Research Conferences. This year marks the 60th anniversary of the Gordon Research Conferences. See page 1086 for details of the conferences planned for 1991. [Photograph by Craig Blouin/New England Photography]

- 1054 Reduction of Deepwater Formation in the Greenland Sea During the 1980s: Evidence from Tracer Data: P. SCHLOSSER, G. BÖNISCH, M. RHEIN, R. BAYER
- 1056 Evidence for a Phytotoxic Hydroxy-Aluminum Polymer in Organic Soil Horizons: D. HUNTER AND D. S. ROSS
- 1058 The Greenhouse Effect in Central North America: If Not Now, When?: T. R. KARL, R. R. HEIM, JR., R. G. QUAYLE
- 1061 Evidence of Strong Earthquake Shaking in the Lower Wabash Valley from Prehistoric Liquefaction Features: S. F. OBERMEIER, N. R. BLEUER, C. A. MUNSON, P. J. MUNSON, W. S. MARTIN, K. M. MCWILLIAMS *et al.*
- 1063 New Fossil Evidence on the Sister-Group of Mammals and Early Mesozoic Faunal Distributions: N. H. SHUBIN, A. W. CROMPTON, H.-D. SUES, P. E. OLSEN
- 1065 *Salicornia bigelovii* Torr.: An Oilseed Halophyte for Seawater Irrigation: E. P. GLENN, J. W. O'LEARY, M. C. WATSON, T. L. THOMPSON, R. O. KUEHL
- 1067 Characterization of a Dimerization Motif in AP-2 and Its Function in Heterologous DNA-Binding Proteins: T. WILLIAMS AND R. TJIAN
- 1071 Molecular Nature of the *Drosophila* Sex Determination Signal and Its Link to Neurogenesis: J. W. ERICKSON AND T. W. CLINE
- 1074 Enhancement of HIV-1 Cytocidal Effects in CD4⁺ Lymphocytes by the AIDS-Associated Mycoplasma: S.-C. LO, S. TSAI, J. R. BENISH, J. W.-K. SHIH, D. J. WEAR, D. M. WONG
- 1076 A Model for the Adjustment of the Mitotic Clock by Cyclin and MPF Levels R. NOREL AND Z. AGUR
- 1078 Cell Cycle-Dependent Coupling of the Calcitonin Receptor to Different G Proteins: M. CHAKRABORTY, D. CHATTERJEE, S. KELLOKUMPU, H. RASMUSSEN, R. BARON
- 1082 Molecular Transfer of a Species-Specific Behavior from *Drosophila simulans* to *Drosophila melanogaster*: D. A. WHEELER, C. P. KYRIACOU, M. L. GREENACRE, Q. YU, J. E. RUTILA, M. ROSBASH, J. C. HALL

Meetings

- 1086 Gordon Research Conferences: A. M. CRUICKSHANK ■ Application Form

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- 1114 Setting Safety Standards, *reviewed by* S. G. HADDEN ■ The Higgs Hunter's Guide, R. PECCEI ■ This Side Up, W. R. JEFFERY ■ A History of Archaeological Thought, J. W. GRUBER ■ BOOKS RECEIVED

Products & Materials

- 1123 HPLC: Hydroxyapatite and Fluoroapatite Columns ■ Enhanced Structure Prediction Software ■ Citation Software Updated ■ Pooled Rodent Sera ■ Cell Culture System ■ Data Analysis and Graphing Software ■ Cassette System for Immunoblotting ■ Literature

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