LETTERS

Needless Pains Caused by Heedless Editors: I. H. Page; Desalination Research in California: S. Loeb; No Quarter for Humanities: L. La Fave; Supply of Telescopes: E. G. Ebbighausen ........................................ 1241

EDITORIAL

Natural Beauty and Conservation ........................................ 1245

ARTICLES

The Ecology of Early Food Production in Mesopotamia: K. V. Flannery 1247

Prehistoric farmers and herders exploited a series of adjacent but contrasting climatic zones.

Crystallization and Molecular Folding: P. H. Lindenmeyer 1248

The properties of high polymers are very sensitive to the way molecules fold during crystallization.

Meteorites and the Moon: H. C. Urey 1249

Cosmic-ray ages and contaminants provide evidence that meteorites may come from the moon.

NEWS AND COMMENT

Smithsonian: A Return to a Role in Research—Space: Humphrey on the President’s Attitude ........................................ 1255

Report from Europe: Progress in Seismic Recording and Analysis: V. K. McElheny 1273

BOOK REVIEWS

The 20th Century: Berkner’s New Age or Boulding’s Post-Civilization: P. B. Sears 1275

Schools in an Age of Mass Culture, reviewed by D. H. Calhoun; other reviews by A. O. Barut, W. J. van Wagendonk, J. C. Hathaway, J. R. Meyer-Arendt, R. A. Nyquist, A. M. Gold, W. H. Behle 1275
REPORTS

Siderite (FeCo₃): Thermal Decomposition in Equilibrium with Graphite: B. M. French and P. E. Rosenberg .................................................. 1283
Fallout from the Nuclear Explosion of 16 October 1964: P. K. Kuroda et al. .................. 1284
Mazama and Glacier Peak Volcanic Ash Layers: Relative Ages: R. Fryxell .................. 1288
Suspended Matter in Deep Ocean Water: M. Ewing and E. M. Thorndike .............. 1291
Theoretical Morphology of the Coiled Shell: D. M. Raup and A. Michelson ............ 1294
Dislocation Networks in Folded-Chain Polyethylene Crystals: V. F. Holland and P. H. Lindenmeyer .............. 1296
Dolomitization of the Mid-Pacific Atolls: R. A. Berner .................. 1297
Lens Fiber Differentiation and Gamma Crystallins: Immunofluorescent Study of Wolffian Regeneration: C. Takata, J. F. Albright, T. Yamada ........ 1299
Immunoglobulin Structure: Amino- and Carboxyl-Terminal Peptides of Type I Bence Jones Proteins: K. Titani and F. W. Putnam ........ 1304
Intermolecular Forces in Association of Purines with Polybenzenoid Hydrocarbons: B. Pullman, P. Claverie, J. Cailla ........ 1305
Sarcoplasmic Reticulum: Ultrastructure of the Triadic Junction: W. H. Fahrenbach .... 1308
Synthesis of Block Oligonucleotides: R. E. Thach and P. Doty .................. 1310

MEETINGS

Gordon Research Conferences: Program for 1965: W. G. Parks .................. 1312
Forthcoming Events .................. 1332

DEPARTMENTS

New Products .................. 1351

COVER

Oscilloscope trace generated by analog computer (PACE TR-10). The computer was programmed to simulate the spiral growth common in mollusks and other invertebrates. By varying the input constants, it is possible to examine the spectrum of geometrically possible shell forms, including those that do not occur naturally. See page 1294.
Science 147 (3663), 1241-1348.