Editorial

Crowded Spectrum ........................................................ 1223

Articles

Digital Electronic Computers in Biomedical Science: R. S. Ledley ................. 1225

Computers make solutions to complex biomedical problems feasible, but obstacles curb widespread use.

Further Evidence of Vegetation on Mars: W. M. Sinton ....................... 1234

The presence of large organic molecules is indicated by recent infrared-spectroscopic tests.

Science in the News

National Standards for Teacher Certification To Be Studied under Carnegie Grant to AAAS; Hesitancy of Europe To Invest in U.S. International Atom Program To Be Studied ..................... 1237

Book Reviews

B. Heuvelman's On the Track of Unknown Animals, reviewed by D. H. Johnson; other reviews ........................... 1245

Reports

Photoelectric Technique for Measuring Eye Movements: W. M. Smith .......... 1248

Electrolyte-Solvent Interactions: Effect of Electrolytes on Vibrational Spectrum of Methanol: J. Bufalini and K. H. Stern ................. 1249

Occurrence of β-Aminoisobutyric Acid in Mytilus edulis: J. Awapara and K. Allen ... 1250

Parasitic Relationship between Two Culturally Isolated and Unrelated Lichen Components: V. Ahmadjian and E. Henriksson ................. 1251

Another Meteorite Crater Studied: H. H. Nininger ............................ 1251

Effect of Chlorine Dioxide on Lignin Content and Cellulose Digestibility of Forages: J. T. Sullivan and T. V. Hershberger ..................... 1252

Sodium- and Potassium-Sensitive Glass Electrodes for Biological Use: S. M. Friedman et al. ................................................ 1252

Bregmatic Bones in North American Lynx: R. H. Manville ................... 1254

Horizontal Diffusion: F. C. W. Olson and T. Ichiye ........................... 1255


Subthreshold Retinal Integration Shown in Low Contrast Flicker Measurements: R. H. Peckham and W. M. Hart ...................... 1256

Association Affairs

Programs Planned for the AAAS Chicago Meeting .............................. 1258

Departments

Letters .................................................................. 1218

Mechanisms Involved in Conception; Forthcoming Events; New Products ........ 1260

Cover

Braunbek coil array used for producing directed magnetic fields up to 1 oersted at the Fredericksburg, Virginia, Magnetic Observatory and Laboratory of the U.S. Coast and Geodetic Survey. In the working space over the pierhead, the applied field neutralizes or modifies the earth's field to simulate that of any locality on the globe or in outer space. [Courtesy U.S. Coast and Geodetic Survey]