LETTERS  Power Wheeling: T. M. Besmann and M. Olszewski; Between Disciplines: A. L. Porter et al. .................................................. 966

EDITORIAL  Environmental Regulation: R. C. Atkinson .................................................. 969

ARTICLES  Recurrent Intraplate Tectonism in the New Madrid Seismic Zone: M. D. Zoback et al. .................................................. 971
Brain Peptides as Neurotransmitters: S. H. Snyder .................................................. 976
The Archeology of Alaska and the Peopling of America: D. E. Dumond .................................................. 984
Injectable Contraceptive Synthesis: An Example of International Cooperation: P. Crabbé, E. Diczfalusy, C. Djerassi .................................................. 992

NEWS AND COMMENT  Cryptography: A New Clash Between Academic Freedom and National Security .................................................. 995
Navy Lab Concludes the Vela Saw a Bomb .................................................. 996
Government Says Cancer Rate Is Increasing .................................................. 998
Cancer Patients: Joints or THC? .................................................. 999
Briefing: French Doctors Claim Shah Had Wrong Treatment; Aquarian Candidate Quizzed by Laureates; France, Iraq, and the Bomb .................................................. 1000
Continuing Confusion over Love Canal .................................................. 1002

RESEARCH NEWS  How Much Is Too Much When the Earth Quakes? .................................................. 1004
Lens Biophysics and Cataract Formation .................................................. 1007

BOOK REVIEWS  Warfare in a Fragile World, reviewed by G. H. Orions; Clouds and Storms,
Aeromagnetic and Radio Echo Ice-Sounding Measurements Show Much Greater Area of the Dufek Intrusion, Antarctica: J. C. Behrendt et al. 1014

Gonadal Steroids: Effects on Excitability of Hippocampal Pyramidal Cells: T. J. Tejler et al. 1017

 Ferritin Synthesis by Human T Lymphocytes: M. H. Dörner et al. 1019


 Testosterone-Mediated Sexual Dimorphism of Mitochondria and Lysosomes in Mouse Kidney Proximal Tubules: H. Koenig et al. 1023

 Gap Junction Development Is Correlated with Insulin Content in the Pancreatic B Cell: P. Meda et al. 1026

 Specific Antibodies: A Potential Insecticide: G. Nogge and M. Giannetti 1028

 Carbon Dioxide Sensitivity of Mosquitoes Infected with California Encephalitis Virus: M. J. Turell and J. L. Hardy 1029

 Juvocimenes: Potent Juvenile Hormone Mimics from Sweet Basil: W. S. Bowers and R. Nishida 1030

 Prostaglandin A Compounds as Antiviral Agents: M. G. Santoro et al. 1032

 Feeding: Satiety Signal from Intestine Triggers Brain’s Noradrenergic Mechanism: R. D. Myers and M. L. McCaleb 1035

 Mutagenic Activity in Photocopies: G. Läfrom et al. 1037


 Cells Isolated from the Embryonic Neural Retina Differ in Behavior in vitro and Membrane Structure: J. B. Sheffield, D. Pressman, M. Lynch 1043

 Influence of Siphonophore Behavior upon Their Natural Diets: Evidence for Aggressive Mimicry: J. E. Purcell 1045

 Technical Comments: Oil and Gas in Offshore Tracts: Inexactness of Resource Estimates Prior to Drilling: J. C. Davis and J. W. Harbaugh; M. F. Uman, W. R. James, H. R. Tomlinson 1047

 Cover

 Mountains in Dufek Massif, Antarctica, in the lowest exposed part of section of the Dufek mafic intrusion. Horizontal layers are apparent. Dark bands are pyroxenite layers. Picture was taken during the aeromagnetic and radio ice-sounding survey. See page 1014. [John C. Behrendt, U.S. Geological Survey, Denver, Colorado]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools** Visit the online version of this article to access the personalization and article tools: [http://science.sciencemag.org/content/209/4460.citation](http://science.sciencemag.org/content/209/4460.citation)

**Permissions** Obtain information about reproducing this article: [http://www.sciencemag.org/about/permissions.dtl](http://www.sciencemag.org/about/permissions.dtl)