LETTERS

Power Wheeling: T. M. Besmann and M. Olaszewski; 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. Orians; 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. Teyler et al. ............................................................. 1017

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

Cytoplasmic Reversion of cms-S in Maize: Association with a Transpositional Event: C. S. Levings, III et al. ................................. 1021

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 Photocopied: G. Läfroth 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]
Science 209 (4460), 966-1048.