LETTERS  History of Science: Perceptions: C. C. Gillispie; R. E. Kohler; Occupational Lead Exposure and Cancer: H. K. Kang, P. F. Infante, J. S. Carra .......................... 934

EDITORIAL The Oil Price Spiral ........................................ 937

ARTICLES A Simple Description of the 3 K Cosmic Microwave Background: P. S. Henry .......................... 939
Modeling the Climatic Response to Orbital Variations: J. Imbrie and J. Z. Imbrie .......................... 943
DNA Gyrase and the Supercoiling of DNA: N. R. Cozzarelli .......................... 953

NEWS AND COMMENT MX Faces Stiff Political Test in Nevada ........................................ 961
Briefing: Hazardous Wastes Cause International Stink; Science Groups Consider a Soviet Boycott; EPA Receives First Prod on Toxic Substances .......................... 962
Museum and Patron at Odds over Sub ........................................ 964
Congress Moves to Relax Curbs on CIA ........................................ 965

RESEARCH NEWS Testing for Cancer Risk ........................................ 967
Genes and Cancer: The Story of Wilms Tumor ........................................ 970

BOOK REVIEWS Citation Indexing, reviewed by R. McGinnis; Herbivores, M. D. Rausher; The Properties of Diamond, F. P. Bundy; The Soil-Root Interface, W. R. Gardner; Books Received ........................................ 972

Downloaded from http://science.sciencemag.org/ on April 20, 2017
Hektos: The Largest Highly Elongated Asteroid: W. K. Hartmann and D. P. Cruikshank

Electron Spin Resonance Dating of Animal and Human Bones: M. Ikeya and T. Miki

Isotopic Disequilibrium of Uranium: Alpha-Recoil Damage and Preferential Solution Effects: R. L. Fleischer

Viscous Flow Circulation of the Solar Wind Behind Venus: H. Pérez-de-Tejada

Nutrient and Oxygen Redistribution During a Spring Neap Tidal Cycle in a Temperate Estuary: K. L. Webb and C. F. D’Elia

Inhibition of Cellular Proliferation of Imaginal Epidermal Cells by Diflubenzuron in Pupae of the Stable Fly: S. M. Meola and R. T. Mayer

Phosphorus Sources for Aquatic Weeds: Water or Sediments?: R. Carignan and J. Kalf

Carbon Dioxide Sensitivity in Mosquitoes Infected with Sigma, Vesicular Stomatitis, and Other Rhabdoviruses: L. Rosen

Elevated Superoxide Dismutase in Black Alcoholics: B. C. Del Villano et al.


Tissue Specificity of Enzyme Expression Regulated by Diffusible Factors: Evidence in Drosophila Hybrids: W. J. Dickinson

Chronic Arthritis in Goats Caused by a Retrovirus: T. B. Crawford et al.

Genetic Differences in Physiological Tolerances of Amargosa Pupfish (Cyprinodon nevadensis) Populations: M. F. Hirschfeld, C. R. Feldmuth, D. L. Soltz

Temperature Sensitivity of Tone in the Rabbit Facial Vein: Myogenic Mechanism for Cranial Thermoregulation?: R. J. Winquist and J. A. Bevan

High-Frequency Sensitivity in Infants: B. Schneider, S. E. Trehub, D. Bull


Cover

Nearly cloud-free view of Vatnajökull ice cap, which covers about 8400 square kilometers at 64°30’N along the southeastern coast of Iceland. Landsat image shows the extent of snow- and ice-free ground on 22 September 1973. See page 943. [R. S. Williams, Jr., U.S. Geological Survey, Reston, Virginia]