LETTERS
A Poet's "Education": C. A. Love; Occupational Cancer Risk: D. P. Rall; Hypothesis Testing: L. G. Humphreys; M. Susser and Z. A. Stein; Women and Science Editorials: R. S. Albin; Alaska Lands Bill: E. Cook; S. Luttich; Collector's Issue?: T. Ng

EDITORIAL
Counseling the Young: L. W. Sells

ARTICLES
Contemporary Frontiers in Physics: V. F. Weisskopf

NEWS AND COMMENT
With Shorter Stays for Legislators, Bigger Staffs, Who'll Run Congress?
Battelle Forecasts Healthy Growth for R & D in 1979
An Industry Study of TS: How to Achieve Credibility?
Heroin Study at Georgetown
Hughes Medical "Institute" Breaks Quarter Century of Silence

Briefing: Medical Students at Record High; Carter Orders Environmental Review of U.S. Projects Abroad; Physicians Sued for Failing to Give Genetic Counseling
Policy Review Boosts Solar as a Near-Term Energy Option

RESEARCH NEWS
Crown Gall Disease: Nature as Genetic Engineer
East Coast Mystery Booms: Mystery Gone But Booms Linger On
BOOK REVIEWS
Cancer in China, reviewed by G. N. Stemmerman; Explorations in Ethnoarchaeology, B. Hayden; Cognitive Processes in Comprehension, J. M. Mandler; Estuarine Transport Processes, R. T. Cheng; Books Received

REPORTS
Activation Volume for Creep in the Upper Mantle: J. V. Ross, H. G. Ave'Lallemant, N. L. Carter
Neutron Scattering of Solution-Grown Polymer Crystals: Molecular Dimensions Are Insensitive to Molecular Weight: D. M. Sadler and A. Keller
In vitro Model for Stretch-Induced Hypertrophy of Skeletal Muscle: H. Vandenburgh and S. Kaufman
Phycomyces: Modification of Spiral Growth after Mechanical Conditioning of the Cell Wall: R. I. Gamow and B. Bottger
Harmonic-Sensitive Neurons in the Auditory Cortex of the Mustache Bat: N. Suga, W. E. O’Nell, T. Manabe
Evidence Against a Role of Acetaldehyde in Electroencephalographic Signs of Ethanol-Induced Intoxication: J. A. Mikeska and W. R. Klemm
Stimulation of Human Periaqueductal Gray for Pain Relief Increases Immunoreactive β-Endorphin in Ventricular Fluid: Y. Hosobuchi et al.
Intracerebral Adrenocorticotropic Hormone Mediates Novelty-Induced Grooming in the Rat: A. J. Dunn, E. J. Green, R. L. Isaacson
Accumulation of a Tetrahydroisoquinoline in Phenylketonuria: J. M. Lasala and C. J. Coscia

PRODUCTS AND MATERIALS
Programmable Sequencer; Gas Chromatograph; Microscope Photometer; pH Meter; Sendai Vaccine; Carboxylic Acid Analyzer; Microanalytic Balance; Literature

COVER
Artist’s concept of distribution problems brought about by decreasing availability of petroleum. Petroleum resources are finite, and this will eventually place restrictions on end uses. See page 233. [Stephen Shepherd, Silver Spring, Maryland]
Science 203 (4377), 224-285.

http://science.sciencemag.org/content/203/4377.citation

http://www.sciencemag.org/help/reprints-and-permissions