LETTERS
Cancer and Industrial Chemical Production: D. L. Davis and B. H. Magee

EDITORIAL
Environmental Health Research: H. H. Hiatt

ARTICLES
Anthropogenic Albedo Changes and the Earth's Climate: C. Sagan, O. B. Toon, J. B. Pollack
Fish Culture in the United States: R. T. Lovell
Academic Tenure and Mandatory Retirement Under the New Law: W. Y. Oi

NEWS AND COMMENT
Gain in Soviet Oil Reserves Doubted
Carter Backs "Spirit" of Kemeny Report
Decisions near on Diesels
Much Ado About Soviet Trucks
Experts Gather to Talk Turtle
NEI Votes to Protect Cold-Blooded Animals

Briefing: Energy R&D Fueled by Few Countries; More Science for Media; A Reprieve for Galileo; Upton to Quit NCI

RESEARCH NEWS
Treatment Reduces Deaths from Hypertension
Academics Victims in Fusion Politics Tangle
The 1979 Nobel Prize in Economics

BOOK REVIEWS
Cyril Burt, Psychologist, reviewed by L. J. Cronbach; The Nature and Status of Ethnobotany, B. Berlin; The Uranium People, D. B. Hall; Solar-Terrestrial Influences on Weather and Climate and Sun, Weather, and Climate, C. O. Hines; Books Received
ANNUAL MEETING
Annual Meeting, San Francisco; Toronto Meeting in 1981

REPORTS
Serpentine Minerals: Intergrowths and New Combination Structures:
D. R. Veblen and P. R. Buseck

Phanerozoic Land-Plant Diversity in North America: A. H. Knoll, K. J. Niklas,
B. H. Tiffney

The °Little Ice Age°: Northern Hemisphere Average Observations and Model
Calculations: A. Robock

Chlorpromazine and Its Metabolites Alter Polymerization and Gelation of Actin:
E. Elias and J. L. Boyer

Pyruvate Dehydrogenase Activation in Adipocyte Mitochondria by an Insulin-
Generated Mediator from Muscle: L. Jarett and J. R. Seals

Generation by Insulin of a Chemical Mediator That Controls Protein
Phosphorylation and Dephosphorylation: J. Larner et al.

Derived X Chromosome in the Turtle Genus Staurotypus: J. W. Sites, Jr.,
J. W. Bickham, M. W. Haiduk

Flatworm Control of Mosquito Larvae in Rice Fields: T. J. Case and R. K. Washino

Vascular Smooth Muscle: Aerobic Glycolysis Linked to Sodium and Potassium
Transport Processes: R. J. Paul, M. Bauer, W. Pease

A Direct Role of Dopamine in the Rat Subthalamic Nucleus and an Adjacent
Intrapeduncular Area: L. L. Brown et al.

Visualization of Polymercumethane-Labeled fdi Bacteriophages in the Scanning

Spontaneous Diabetes Mellitus: Reversal and Prevention in the BB/W Rat with
Antiserum to Rat Lymphocytes: A. A. Like et al.

Clonal Characteristics of Experimentally Induced °Atherosclerotic° Lesions in
the Hybrid Hare: T. A. Pearson et al.

Perception of Size of One Object Among Many: J. Z. Levinson and F. S. Frome

Legionnaires° Disease: Concentrations of Selenium and Other Elements:
J. R. Chen and J. M. Anderson

Technical Comments: Fetal Mortality and Sex Ratio: J. T. Lowry; M. Lindley
and B. R. Migeon; A Terminal Mesozoic Greenhouse: W. C. Cornell and
D. V. LeMone; J. F. Black; D. M. McLean; Psychophysical Functions and
Regression Effect: S. M. Stigler; R. Moyer and D. Bradley

COVER
High-resolution transmission electron micrograph of combination planar and
roll structures in the mineral serpentine. These features were produced by
solid-state hydration reaction of chain silicates. The lattice fringe spacing in
the serpentine is 7.3 angstroms. See page 1398. [David R. Veblen and Peter
R. Buseck, Arizona State University, Tempe]