LETTERS
In Defense of Frogs: D. J. Merrell; Social Policy and Mental Illness: R. Barocas; C. W. Gardner, Jr.; F. N. Arnhoff

EDITORIAL
The Centenary of Forestry in America: H. Clepper

ARTICLES
Potential for Converting Wood into Plastics: I. S. Goldstein
Solar Energy Conversion by Water Photodissociation: V. Balzani et al.
Doctorates Granted to Women and Minority Group Members: J. L. McCarthy and D. Wolfe

NEWS AND COMMENT
Science Fellows in Washington: From Lab Work to Legislation
Basic Research in the Air Force: A Tale of Two Laboratories
FDA Rapped for Delay on New Drugs
Outer Continental Shelf: Congress Weighs Oil Needs and Environment

RESEARCH NEWS
Minerals and Plate Tectonics (II): Seawater and Ore Formation
The New Metallogeny: Impact on Exploration Is Slow, but Some See Good Prospects

BOOK REVIEWS
Group Selection in Predator-Prey Communities, reviewed by D. S. Wilson: Proceedings of the Second International Symposium on Coral Reefs, L. Mascare, The Phagocytic Cell in Host Resistance, J. F. Albright; The Intensity Interferometer, L. Mertz; High-Quality Protein Maize and Nutritional Improvement of Food Legumes by Breeding, G. F. Sprague; Books Received

BOARD OF DIRECTORS
ROGER REVELLE, Retiring President, Chairman
MARGARET MEAD, President
WILLIAM D. MC ELROY, President-Elect
RICHARD H. BOLT, KENNETH B. CLARK, EMILIO Q. DADDARIO, EDWARD E. DAVID, JR.

CHAIRMEN AND SECRETARIES OF AAAS SECTIONS
MATHEMATICS (A) Victor L. Klee
Truman A. Botts
PHYSICS (B) Victor F. Weisskopf
Rolf M. Sinclair
SOCIAL AND ECONOMIC SCIENCES (K) Seymour M. Lipset
Daniel Rich
EDUCATION (Q) F. James Rutherford
Philip R. Fordyce
DENTISTRY (R) Clifton O. Dummett
Shomol P. Narman
PHARMACEUTICAL SCIENCES (S) James T. Doty
Susa Jang
INFORMATION, COMPUTING, AND COMMUNICATION Martin Greenberger
Joseph Becker

DIVISIONS
ALASKA DIVISION
William E. Davis
Chairman, Executive Committee
Irena Duncum
Executive Secretary

PACIFIC DIVISION
Geor. A. Zenzmyer
President
Robert T. Orr
Secretary Treasurer

SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION
Michelle Baker
President
Max P. Dunford
Executive Officer

SCIENCE is published weekly, except the last week in December, by the American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Copyright 1975 by the American Association for the Advancement of Science. Member rates on request. Annual subscription $35; foreign postage: Americas $7, overseas $8; air lift to Europe $30. Single copies $2 (back issues $3) except Food Issue (9 May 1975) is $3 and Guide to Scientific Instruments is $6. School year subscription: 9 months $37.50; 10 months $41.75. Provide 6 weeks notice for change of address, giving new and old address and zip code. Send a recent address label. Science is indexed in the Reader's Guide to Periodical Literature.
Jupiter's Atmosphere: Problems and Potential of Radio Occultation: V. R. Eshleman 876


Supercooling of Water to −92°C Under Pressure: H. Kanno, R. J. Speedy, C. A. Angell 880


Pressure-Induced Depolymerization of Brain Microtubules in vitro: E. D. Salmon 884


DNA Hybridization and Evolutionary Relationships in Three Osmunda Species: D. B. Stein and W. F. Thompson 888

Chestnut Blight: Biological Control by Transmissible Hypovirulence in Endothia parasitica: N. K. Van Alfen et al. 890

Flagellar Coordination in Chlamydomonas reinhardtii: Isolation and Reactivation of the Flagellar Apparatus: J. S. Hyams and G. G. Borisy 891

Taste Aversions to Sexual Attractants: R. E. Johnston and D. M. Zahorik 893

Glucoregulatory Feeding by Rats after Intraventricular 6-Hydroxydopamine or Lateral Hypothalamic Lesions: E. M. Stricker, M. J. Friedman, M. J. Elgmond 895

Glucagon Release: Paradoxical Stimulation by Glucose During Calcium Deprivation: V. Leclercq-Meyer et al. 897

Technical Comments: Prostaglandins and the Pulmonary Vasoconstrictor Response to Alveolar Hypoxia: J. Vaage and A. Hauge; S. I. Said and N. Hara 899

Blood Slide Centrifuge; pH Meter; Programmable Gradient Elution Accessory; Film for Transmission Electron Micrography; Graphics Display System; Sample Changer for Liquid Densitometry; Literature 902

Cover
Photograph, taken in 1922, of American chestnut tree (Castanea dentata) after being killed by the chestnut blight fungus (Endothia parasitica). This pathogen, introduced from Asia, destroyed a major U.S. forest tree species. See page 890. [Connecticut Agricultural Experiment Station, New Haven; poem from Complete Poems of Robert Frost, Holt, Rinehart and Winston, New York, 1949]