
EDITORIAL  The Humility Factor: A. Etzioni

ARTICLES  University Isotope Separator at Oak Ridge: The UNISOR Consortium: J. H. Hamilton
Behavioral Regulation of the Milieu Interne in Man and Rat: J. Garcia, W. G. Hankins, K. W. Rusiniak
Effects of the Scopes Trial: J. V. Grahnner and P. D. Miller

NEWS AND COMMENT  Nuclear Safety: Calculating the Odds of Disaster
Dalkon Shield Affair: A Bad Lesson in Science and Decision-Making
Fermi National Accelerator Lab: Making the Users More at Home
Green Revolution: Creators Still Quite Hopeful on World Food

RESEARCH NEWS  Niobium-Germanium: Becoming a Practical Superconductor
Chemistry and Science: The Next Hundred Years

BOARD OF DIRECTORS
LEONARD M. RIESER  ROGER REVELLE  MARGARET MEAD  RICHARD H. BOLT  EMILIO Q. DADDARIO
LEONARD M. RIESER  ROGER REVELLE  MARGARET MEAD  RICHARD H. BOLT  EMILIO Q. DADDARIO

CHAIRMEN AND SECRETARIES OF AAAS SECTIONS
MATHEMATICS (A)  PHYSICS (B)  CHEMISTRY (C)  ASTRONOMY (D)  ENGINEERING (E)
John G. Kemeny  Solomon J. Buchsbaum  Milton Harris  Ivan R. King  Byron D. Tapley
Truman A. Betts  Rolf M. Sinclair  Leo Schubert  Arlo U. Landolt  Paul H. Robbins

EDUCATION (Q)  DENTISTRY (R)  HISTORY AND PHILOSOPHY OF SCIENCE (L)  INFORMATION AND COMMUNICATION (O)
Charles Cofer  Howard M. Myers  Owen Gingerich  Martin Greenberger
Edwin P. Hollanders  Sholom Pearlman  George Basalla  Joseph Becker

EDUCATION (Q)  DENTISTRY (R)  HISTORY AND PHILOSOPHY OF SCIENCE (L)  INFORMATION AND COMMUNICATION (O)
Charles Cofer  Howard M. Myers  Owen Gingerich  Martin Greenberger
Edwin P. Hollanders  Sholom Pearlman  George Basalla  Joseph Becker

EDUCATION (Q)  DENTISTRY (R)  HISTORY AND PHILOSOPHY OF SCIENCE (L)  INFORMATION AND COMMUNICATION (O)
Charles Cofer  Howard M. Myers  Owen Gingerich  Martin Greenberger
Edwin P. Hollanders  Sholom Pearlman  George Basalla  Joseph Becker

EDUCATION (Q)  DENTISTRY (R)  HISTORY AND PHILOSOPHY OF SCIENCE (L)  INFORMATION AND COMMUNICATION (O)
Charles Cofer  Howard M. Myers  Owen Gingerich  Martin Greenberger
Edwin P. Hollanders  Sholom Pearlman  George Basalla  Joseph Becker

DIVISIONS
ALASKA DIVISION  PACIFIC DIVISION  SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION
William E. Davis  Robert C. Miller  Joseph A. Schufhe
Chairman, Executive Committee  President  President
Irma Duncan  Robert Y. Orr  Secretary, Treasurer
Executive Secretary  Secretary, Treasurer  Secretary, Treasurer

SCIENCE is published weekly, except the last week in December, but with an extra issue on the fourth Tuesday in November, by the American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Now combined with The Scientific Monthly. Second-class postage paid at Washington, D.C. Copyright © 1974 by the American Association for the Advancement of Science. Member rates on request. Annual subscription $40; foreign postage: Americas $5, overseas $8; air lift to Europe $20. Single copies $1 (back issues, $2) except Guide to Scientific Instruments which is $4. School year subscription: 9 months $30; 10 months $33.50 Provide 6 weeks notice for change of address, giving new and old address and zip codes. Send a recent address label. Science is indexed in the Reader’s Guide to Periodical Literature.
BOOK REVIEWS
Archaeological Researches in Retrospect, reviewed by R. M. Adams; The People of America and The Pacific Islanders, W. M. Bass; Biopolymers, G. D. Fasman; Books Received ........................................ 849

REPORTS
Electrical Resistivity Variations Associated with Earthquakes on the San Andreas Fault: A. Mazzella and H. F. Morrison ...................................... 855
Streamflow Greatly Reduced by Converting Deciduous Hardwood Stands to Pine: W. T. Swank and J. E. Douglass ........................................ 857
Human Serum Albumin Phenotype Activation in Mouse Hepatoma-Human Leukocyte Cell Hybrids: G. J. Darlington, H. P. Bernhard, F. H. Ruddle ........ 859
Amino Acid Difference Formula to Help Explain Protein Evolution: R. Grantham ................. 862
Reverse Transcriptase in Normal Rhesus Monkey Placenta: R. J. Mayer, R. G. Smith, R. C. Gallo .......................................................... 864
Inert Gas Narcosis, the High Pressure Neurological Syndrome, and the Critical Volume Hypothesis: K. W. Miller .................................................. 867
Antibody to Leukemia Virus: Widespread Occurrence in Inbred Mice: R. C. Nowinski and S. L. Kaehler .................................................. 869

COVER
Watershed (area of 13.4 hectares), one of two in the southern Appalachian Mountains that were experimentally converted from indigenous hardwoods to white pine. After only 15 years, streamflow from both pine-covered watersheds was substantially less than flow from watersheds covered with mature deciduous hardwoods similar to those shown adjacent to the pine. See page 857. [Forest Service, U.S. Department of Agriculture]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/185/4154

**Permissions**  Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl