LETTERS

EDITORIAL
The Social Sciences and Society ........................................... 1127

ARTICLES
Space: Highlights of Recent Research: R. Jastrow and A. G. W. Cameron .......... 1129
Ionic Mechanism of Postsynaptic Inhibition: J. C. Eccles ................................ 1140
The Ionic Basis of Nervous Conduction: A. L. Hodgkin ................................ 1148

NEWS AND COMMENT
Foreign Grants—Explanation of Reductions; Democratic Platform—Views of Science; Science Advice—More for Congress; Electron Microscopes—House Votes Tariff; Environmental Health Center—Not in Beltsville ........................................... 1160

BOOK REVIEWS
Nature of the Melting Pot: Acculturation in America: J. H. Steward .................... 1171
The Natural Geography of Plants, reviewed by I. L. Wiggins; other reviews by V. A. Kral, C. C. Price, D. A. Johnson, P. E. Cloud, Jr., R. W. Van Dolah .......... 1172

REPORTS
Planetary Systems Associated with Main-Sequence Stars: H. Brown ........................ 1177
Isotopic Composition of Lead and Strontium from Ascension and Gough Islands: P. W. Gast, G. R. Tilton, C. Hedge .......................... 1181
Hydrogen Atom Thermal Parameters: L. H. Jensen and M. Sundaralingam ............. 1185
Acid Phosphatases of Human Red Cells: Predicted Phenotype Conforms to a Genetic Hypothesis: L. Lai, S. Nevo, A. G. Steinberg .......................... 1187

BOARD OF DIRECTORS
ALAN T. WATERMAN, Retiring President, Chairman
LAURENCE M. GÖULD, President
HENRY EYRING, Elect
JOHN W. GARDNER, President
DAVID R. GOOD, Honorary Secretary

ASTRONOMY (A)
Walter Orr Roberts
Frank Bradshaw Wood

PHYSICS (B)
Ralph A. Sawyer
Stanley S. Ballard

SOCIAL AND ECONOMIC SCIENCES (K)
Harold D. Lasswell
Ethel de Sola Pool

PSYCHOLOGY (I)
Lorrin A. Riggs
Frank W. Figler

HISTORY AND PHILOSOPHY OF SCIENCE
John Murdoch
N. Russell Hanson

ROCKY MOUNTAIN DIVISION
CHARLES J. EGAN, President
GEORGE DABIGNE, Executive Secretary

PACIFIC DIVISION
PHIL E. CHURCH, President
ROBERT C. MILLER, Secretary

EDWIN R. HELWIG, President
MARILOE G. ANDERSON, Executive Secretary

SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

SCIENCE is published weekly by the American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Now combined with Scientific Monthly. Second-class postage paid at Washington, D.C. Copyright © 1964 by the American Association for the Advancement of Science. Annual subscription: $8.50; foreign postage, $1.50; Canadian postage, 75c; single copies, 25c. School year subscriptions: 9 months, $7, 10 months, $7.50. Provide 4 weeks' notice for change of address, giving new and old address and zip numbers. Send a recent address label. SCIENCE is indexed in the Reader's Guide to Periodical Literature.

Infrared Absorption of Hydroxyl Groups in Kaolinite: V. C. Farmer

Adenovirus-like Particles from Cancers Induced by Adenovirus-12 but Free of Infectious Virus: K. O. Smith and J. L. Melnick

Pulmonary Alveolar Cell Inclusions: Their Development in the Rat: S. Buckingham, W. F. McNary, Jr., S. C. Sommers


Inhibition of Specific Binding of Antibody to the Rh(D) Factor of Red Cells in Antibody Excess: S. P. Masouredis, M. E. Dupuy, M. Elliot

Simultaneous Recordings of Scalp and Epidural Somatosensory-Evoked Responses in Man: E. F. Domino et al.

Speakers’ and Listeners’ Processes in a Word-Communication Task: S. Rosenberg and B. D. Cohen

Creative Scientists of Today: J. A. Chambers


Earth Movements: Alaskan Earthquake, 1964: M. N. Christensen and B. A. Bolt; Botanical Field Meeting: R. K. Zuck; Forthcoming Events

DEPARTMENTS

New Products

DEPARTMENTS

New Products

COVER

Samaras of black ash (Fraxinus nigra). The fruits, each with a single pod at the proximal end, are admirably adapted to distribution by wind. In temperate North America and Eurasia the proportion of trees with wind-distributed seeds is considerably higher north of the glacial boundary than south of it. See review of The Natural Geography of Plants, page 1172.