LETTERS

ARTICLES
Field Studies of Old World Monkeys and Apes: S. L. Washburn, P. C. Jay, J. B. Lancaster. 1541
Glyoxylate in Fatty-Acid Metabolism: R. Rabin et al. 1548
Academic Freedom and Political Liberty: A. Lepawsky. 1559
Pure Research, Cultism, and the Undergraduate: R. Wolfgang. 1563

NEWS AND COMMENT
Reuss Subcommittee: New Study Planned—200 Bev: University Association Offers To Run It—The Draft: Vietnam Threatens Student Deferments. 1565
Report from Europe: E. B. Chain Accused of Contempt of Italian Judiciary: V. K. McElheny. 1573

BOOK REVIEWS
Computers and the Life Sciences: J. Lederberg. 1576
Light: Physical and Biological Action, reviewed by P. C. Hanawalt; other reviews by S. Simmonds, F. Moos, J. G. Darley, J. J. Zuckerman, L. Fermi; New Books; Conferences and Symposium Reports. 1577

REPORTS
Chromium-51 as a Radioactive Tracer of Columbia River Water at Sea: C. Osterberg, N. Cutshall, J. Cronin. 1585
Avifauna: Turnover on Islands: E. Mayr. 1587
Isoprenoid Hydrocarbons in Recent Sediments: Presence of Pristane and Probable Absence of Phytane: M. Blumer and W. D. Snyder. 1588
Fast Reactions of Ascorbic Acid and Hydrogen Peroxide in Ice, a Presumptive Early Environment: N. H. Grant and H. E. Alburn. 1589
Lactate Dehydrogenase Isozymes: Substrate Inhibition in Various Human Tissues: E. S. Vesell. 1590
Fluorescence Quantum Yield Measurements: Vitamin B12 Compounds: R. F. Chen. 1593
Disulfide-Bond Cleavage and Formation in Proteins: O. Smithies. 1595
Electron Microscopic and Biochemical Characterization of Fraction I Protein: R. Haselkorn et al. 1598

BOARD OF DIRECTORS
LAURENCE M. GOULD
Henry Eyring
Alfred S. Romer
H. Bentley Glass
David R. Goddard
Mina S. Rees

VICE PRESIDENTS AND SECTION SECRETARIES
MATHEMATICS (A) Bernard Friedman Wallace Givens
PHYSICS (B) Emilio G. Segré Stanley S. Ballard
PSYCHOLOGY (I) Benton J. Underwood Frank W. Finger
SOCIAL AND ECONOMIC SCIENCES (K) Thorsten Sellin Ithiel de Sola Pool
HISTORY AND PHILOSOPHY OF SCIENCE (F) C. West Churchman Norwood Russell Hanson
ASTRONOMY (D) John W. Evans Frank Bradshaw
EDUCATION (E) James R. Rine Frederic E. Pickens

DIVISIONS
ALASKA DIVISION
Richard M. Hurd
Eleanor Viereck

PACIFIC DIVISION
Daniel S. Aldrich, Jr.
Robert C. Miller
Earl D. Camp

SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION
Marlowe G. Alden
Executive Director

SCIENCE is published weekly on Friday and on the fourth Tuesday in November by the American Association for the Advancement of Science, 1515 Massachusetts Avenue, Washington, D.C. 20035. Now combined with The Scientific Monthly. Second-class postage paid at Washington, D.C. Copyright © 1965 by the American Association for the Advancement of Science. Annual subscriptions $5.50; foreign postage, $1.50; Canadian postage, 75c; single copies, 35c, except Guide to Scientific Instruments, which is free. Back issues: $1.50 per copy. Special bulk rates for 10 or more copies. Send a 3-14 months. 24 to 30 days' notice for change of address, giving new and old address and 210 numbers. Send a
X-linked 6-Phosphogluconate Dehydrogenase in Drosophila: Subunit Associations: 
H. H. Kazazian, Jr., W. J. Young, B. Childs

Inactivation by Nitrogen Mustard of Single- and Double-Stranded DNA and RNA 
Bacteriophages: N. Yamamoto and T. Naito

Susceptibility of the Gibbon Hylabates lar to Falciparum Malaria: R. A. Ward et al.

Nucleic Acid and Protein Changes in Wheat Leaf Nuclei during Rust Infection: 
P. K. Bhattacharya, J. M. Naylor, M. Shaw

Increased Activities of Glycogenolytic Enzymes in Liver after Splanchnic-Nerve 
Stimulation: T. Shimazu and A. Fukuda

Caterpillar Feeding on a Sundew Plant: T. Eisner and J. Shepherd

Callose: Lateral Movement of Assimilates from Phloem: D. B. Webster and 
H. H. Currier

Steroid Stimulation of Beating of Cultured Rat-Heart Cells: 
R. L. McCarl, B. F. Scuhaj, R. T. Houlihan


Hemoglobin K* (K*) in Thais: R. Q. Blackwell et al.

Sterols and Temperature Tolerance in the Fungus Pythium: R. H. Haskins

Protein Conformations in the Plasma Membrane: A. H. Maddy and B. R. Malcolm

Chronic Infection of Rodents by Machupo Virus: K. M. Johnson et al.

Sex Conversion Induced by Hydrostatic Pressure in the Marine Copepod 
Tigriopus Californicus: V. D. Vacquier and W. L. Belser

Oxygen Consumption Rate and Electroencephalographic Stage of Sleep: 
D. R. Brebbia and K. Z. Altshuler

Detection Thresholds as a Function of Interval Separation between Two Successive 
Targets: H. Schuckman and J. Orbach

Judgments of Sameness and Difference: Experiments on Decision Time: 
D. Bindra, J. A. Williams, J. S. Wise

Technical Comments: Square Root Variations of Reciprocal Graphing of Enzyme 
Kinetic Data: J. R. Totter and M. J. Cormier; Convection Plumes from Trees: 
P. S. Corbet and J. A. Downes; G. Steyskal; Gegenschein: Photographs: 
E. P. Ney and W. F. Huch

Surface Phenomena: L. J. Bonis; Forthcoming Events

Fifth Berkeley Symposium on Statistics and Probability: Southwestern 
and Rocky Mountain Division, AAAS: M. G. Anderson; Botanical Society of 
America, Pacific Section: J. R. Stein

ASSOCIATION AFFAIRS

WALTER ORR ROBERTS  H. BURR STEINBACH  PAUL E. KLOPSTEG  DAEL WOLFE 
ATHELSTAN F. SHILHAUS  JOHN A. WHEELER  Treasurer  Executive Officer

GEOLOGY AND GEOGRAPHY (E)  ZOOLOGICAL SCIENCES (F)  BOTANICAL SCIENCES (G) 
LADD  LADD  PROSSER  IRA L. WIGGINS  RICHARD H. MALHARD  C. LADD  PROSSER  DENTISTRY (ND)  LOYD F. RICHARDS 
ENGINEERING (M)  MEDICAL SCIENCES (N)  DENTISTRY (ND)  S. J. KRESHOVER  CHARLES F. SAVAGE  A. BAIRD  HASTINGS
NEWMAN A. HALL  ROBERT E. OLSON  THORNTON FRY

INFORMATION AND COMMUNICATION (T)  STATISTICS (U)  THORNTON FRY  ROBERT C. MILLER  PHILLYIS V. PARKINS  MORRIS B. ULLMAN

The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to advance the实效ess of science in the promotion of human welfare, and to increase public understanding of the importance and significance of the activities of scientists.

Cover

Stalked glands, with droplets of sticky secretion at their tips, on the surface of a leaf of the Southern sundew plant, Drosera capillaris. Small insects become entrapped in the viscid fluid and are eventually digested by the plant. The caterpillar of a plume moth, Trichopteryx parvulus, feeds on the glands and the secretion, and even consumes dead insects trapped by the plant. See page 1608. [Thomas Eisner, Cornell University; Julian Shepherd, Harvard University]
Science 150 (3703), 1533-1655.