LETTERS


EDITORIAL

Conservation and Natural Beauty

ARTICLES

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

NEWS AND COMMENT

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

BOOK REVIEWS

Computers and the Life Sciences: J. Lederberg
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

REPORTS

Chromium-51 as a Radioactive Tracer of Columbia River Water at Sea: C. Osterberg, N. Cutshall, J. Cronin
Avifauna: Turnover on Islands: E. Mayr
Isoprenoid Hydrocarbons in Recent Sediments: Presence of Pristane and Probable Absence of Phytane: M. Blumer and W. D. Snyder
Fast Reactions of Ascorbic Acid and Hydrogen Peroxide in Ice, a Presumptive Early Environment: N. H. Grant and H. E. Alburn
Lactate Dehydrogenase Isozymes: Substrate Inhibition in Various Human Tissues: E. S. Veasel
Fluorescence Quantum Yield Measurements: Vitamin B1 Compounds: R. F. Chen
Disulfide-Bond Cleavage and Formation in Proteins: O. Smithies
Electron Microscopic and Biochemical Characterization of Fraction I Protein: R. Haselkorn et al.
X-linked 6-Phosphogluconate Dehydrogenase in Drosophila: Subunit Associations: 
H. H. Kazazian, Jr., W. J. Young, B. Childs ....................................................... 1601

Inactivation by Nitrogen Mustard of Single- and Double-Stranded DNA and RNA 
Bacteriophages: N. Yamamoto and T. Naito ................................................................. 1603

Susceptibility of the Gibbon Hylobates lar to Faliciparum Malaria: R. A. Ward et al. ..... 1604

Nucleic Acid and Protein Changes in Wheat Leaf Nuclei during Rust Infection: 
P. K. Bhattacharya, J. M. Naylor, M. Shaw ................................................................ 1605

Increased Activities of Glycogenolytic Enzymes in Liver after Splanchnic-Nerve 
Stimulation: T. Shimazu and A. Fukuda ........................................................................ 1607

Caterpillar Feeding on a Sundew Plant: T. Eisner and J. Shepherd ............................... 1608

Callose: Lateral Movement of Assimilates from Phloem: D. B. Webster and 
H. H. Currier .................................................................................................................. 1610

Steroid Stimulation of Beating of Cultured Rat-Heart Cells: 
R. L. McClellan, B. F. Singh, R. T. Houlihan ................................................................ 1611


Hemoglobin J_Kowai in Thais: R. Q. Blackwell et al. ....................................................... 1614

Sterols and Temperature Tolerance in the Fungus Pythium: R. H. Haskins .................. 1615

Protein Conformations in the Plasma Membrane: A. H. Maddy and B. R. Malcolm ...... 1616

Chronic Infection of Rodents by Machupo Virus: K. M. Johnson et al. ...................... 1618

Sex Conversion Induced by Hydrostatic Pressure in the Marine Copepod 
Tigripus californicus: V. D. Vacquier and W. L. Belser .................................................. 1619

Oxygen Consumption Rate and Electroencephalographic Stage of Sleep: 
D. R. Brebbia and K. Z. Altshuler .................................................................................. 1621

Detection Thresholds as a Function of Interval Separation between Two Successive 
Targets: H. Schuckman and J. Orbach ............................................................................ 1623

Judgments of Sameness and Difference: Experiments on Decision Time: 
D. Bindra, J. A. Williams, J. S. Wise ............................................................................ 1625

Technical Comments: Square Root Variations of Reciprocal Graphing of Enzyme 
Kinetic Data: J. R. Torret and M. J. Cormier; Confluence Plumes from Trees: 
P. S. Corbet and J. A. Downes; G. Steyskal; Gegenschein: Photographs: 
E. P. Ney and W. F. Huch ............................................................................................... 1627

MEETINGS

Surface Phenomena: L. J. Bonis; Forthcoming Events .................................................... 1630

ASSOCIATION AFFAIRS

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 .............................................................................. 1638

Cover

Stalked glands, with droplets of sticky secretion at their tips, on the surface of 
the seed 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, Trichoptera varius, 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]