LETTERS

EDITORIAL
The Central Role of Chemistry

ARTICLES
State-Selected Kinetics from Laser-Excited Fluorescence: C. B. Moore and P. F. Zittel
Ecological Genetics and Natural Selection in Molluscs: J. S. Jones
Cognitive Consequences of Formal and Informal Education: S. Scribner and M. Cole

NEWS AND COMMENT
Military R & D: Hard Lessons of an Electronic War
NASA and ESRO: A European Payload for the Space Shuttle
Medical Devices: Should They Be Cleared before Marketing?
Microbiology: Hazardous Profession Faces New Uncertainties

RESEARCH NEWS
The 1973 Nobel Prize for Economic Science: W. Isard and P. Kaniss
Science and Technology: The Next 50 Years

BOOK REVIEWS
The Predatory Behavior of Wild Chimpanzees, reviewed by P. Marler; Life of Marsupials, R. M. F. S. Sadleir; Ice-Age Hunters of the Ukraine, C. S. Chard; Objective Personality Assessment, M. B. Parloff; Brain-Pituitary-Adrenal Interrelationships, M. Sage; Chemistry of the Lower Atmosphere, R. J. Charlson; Phase Transitions and Critical Phenomena, M. E. Fisher

REPORTS
Sulfur Dioxide Contributions to the Atmosphere by Volcanoes: R. E. Stober and A. Jepsen

Functional Organelles in Prokaryotes: Polyhedral Inclusions (Carboxysomes) of Thiothrix neapolitanus: J. M. Shively et al. .......................... 584

Rabbit Blood Lymphocytes May Be T Cells with Surface Immunoglobulins: S. Sell and H. W. Sheppard, Jr. .......................... 586

Choline Acetyltransferase Activity Is Increased in Combined Cultures of Spinal Cord and Muscle Cells from Mice: E. L. Giller, Jr., et al. ......................... 588

Habituation: Regulation through Presynaptic Inhibition: F. B. Krasne and J. S. Bryan 590

Rapid Viral Induction of Plasmacytomas in Pristane-Primed BALB/c Mice: M. Potter, M. D. Sklar, W. P. Rowe .......................... 592

Cooperative Tool Use by Captive Hamadryas Baboons: B. B. Beck .......................... 594

Impairment of Timing Behavior after Prolonged Alcohol Consumption in Rats: D. W. Walker and G. Freund .......................... 597

Visual Experience without Lines: Effect on Developing Cortical Neurons: J. D. Pettigrew and R. D. Freeman .......................... 599


SAN FRANCISCO

MEETING

To Feed the World: What to Do with Changing Climate; Food Additives: Beneficial or Deleterious?; Food Supply and the Organic Food Myth; Galápagos Symposium .......................... 604

MEETINGS

Computer Assisted Chemical Research Design: H. M. Mark, Jr., and S. Fujiwara; Geodynamics Symposium in Mexico: C. Lomnitz; Forthcoming Events 606

PRODUCTS AND

MATERIALS

Cell or Tissue Culture Apparatus; Portable pH Meter; Muscle pH Monitor; Programmable Calculator; Density Gradient Apparatus; Ovens and Incubators; Microtome-Cryostat; Eye Movement Monitor; Thermal Analysis System; Water Baths; Urine Refractometer-Dispenser; Literature .......................... 617

COVER

Young male hamadryas baboon (Papio hamadryas) who uses a tool to get food when a bonded female brings the tool to him. Such cooperation is rare among nonhuman primates. See page 594 [Leland LaFrance, Brookfield Zoo, Brookfield, Illinois]
Science 182 (4112), 535-618.

http://science.sciencemag.org/content/182/4112

http://www.sciencemag.org/help/reprints-and-permissions

Use of this article is subject to the Terms of Service.

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title Science is a registered trademark of AAAS.