LETTERS

NASA and Education: H. L. Dryden; Government and Science: J. H. Hollomon; Wiesner’s Public Service: L. Goldberg; Science as a Tail to NASA’s Kite: P. Siekevitz; Research Funds—Cost Accounting: C. W. Bastable; Motivational Research on Our Subscribers: R. Schmidt; Scientists and Causes: J. M. Weaver, K. F. Zeislter, A. N. Benson; Emotion versus Intelligence in Public Support of Science: W. H. Freeman and D. W. Riley

EDITORIAL

Ethical Problems: An Invitation

ARTICLES

Optical Effects of the 1963 Project West Ford Experiment: W. Liller

Photographic and photoelectric observations yield information on the brightness of the dipole belt.

Free Radicals and Unstable Molecules: S. N. Foner

Mass spectrometry and electron spin resonance yield insights on energies, reaction mechanisms, and structure.

NEWS AND COMMENT


BOOK REVIEWS

The Congressional Process—A Complicated Mystery: C. A. Mosher

S. L. Udall’s The Quiet Crisis, reviewed by D. J. Zinn; other reviews

REPORTS


Negative Temperature Coefficient of Resistance in Bismuth I: P. C. Souers and G. Jura

Volatile Growth Inhibitors Produced by Aromatic Shrubs: C. H. Muller, W. H. Muller, B. L. Haines

Nucleus of the Trapezoid Body: Dual Afferent Innervation: J. M. Harrison and R. Irving

Identity of Tarichatoxin and Tetrodotoxin: H. D. Buchwald et al.

2,4-Dinitrophenol: Lack of Interaction with High-Energy Intermediates of Oxidative Phosphorylation: R. H. Eisenhardt and O. Rosenthal

Growth Inhibition of Sarcoma and Carcinoma Cells of Homozygous Origin: K. E. Hellström

Hormonal Activation of the Insect Brain: S. D. Beck and N. Alexander

Inhibition of Antibody Synthesis by L-Phenylalanine: W. L. Ryan and M. J. Carver

Hypothesis for a Pressure-Sensitive Mechanism in Muscle Spindles: C. Bridgman and E. Eldred

Cystinuria: In vitro Demonstration of an Intestinal Transport Defect: S. Thier et al.

Reciprocal Activities of the Ventromedial and Lateral Hypothalamic Areas of Cats: Y. Oomura et al.

Pteridines as Pigments in Amphibians: M. Obika and J. T. Bagnara

Effect of Cold on the Presence of Staphylococcus aureus in the External Nares of the Rat: R. H. Poe, C. C. Hicks, E. S. Dooley

Postsynaptic Potentials and Spike Patterns during Augmenting Responses in Cat’s Motor Cortex: M. R. Klee and K. Offenloch

Atmospheric Jet Streams: D. O. Staley, J. E. McDonald, C. W. Frenzel

Behavior: Confinement, Adaptation, and Compulsory Regimes in Laboratory Studies: J. L. Kavanau

MEETINGS Metal Chelates in Analytical Chemistry; Forthcoming Events

Aerial view of aromatic shrubs (Salvia leucophylla and Artemisia californica) invading an annual grassland. Happy Canyon (Santa Inez Valley, Santa Barbara County, California) is representative of vast areas where similar patterning has occurred after biochemical inhibition of herbs. White borders surrounding shrub zones are areas of maximum inhibition; the soil is almost devoid of herbs. See page 471. [Jack Ward, Mark Hurd Aerial Surveys, Inc.]