LETTERS

EDITORIAL
Not by Truth Alone

ARTICLES
Ionizing Waves of Potential Gradient: L. B. Loeb

Luminous pulses in electrical breakdown, with velocities a third that of light, have a common basis.

Circadian Rhythms in Man: J. Aschoff

A self-sustained oscillator with an inherent frequency underlies human 24-hour periodicity.

Onward the Management of Science: The Wooldridge Report: J. D. Cooper

NIH was not cleared on all counts by the Wooldridge Committee, which itself is rated low on methodology.

Scientific Research: The Case for International Support: A. A. Buzzati-Traverso

Financing of science at a supranational level is a stringent requirement for the vast majority of countries of the world.

NEWS AND COMMENT

BOOK REVIEWS
Archeology: Far Western Boreal Forest: J. M. Campbell


REPORTS
Quasi-Stellar Sources: Variation in the Radio Emission of 3C 273: W. A. Dent
Alkyl Iodide–Iodine Exchange and the Szilard-Chalmers Effect:  
E. D. Cohen and C. N. Trumbore  ...................................................... 1460

Pseudo Superglacial Till: A. D. Howard .................................................. 1461

Glass-Coated Tungsten Microelectrodes: H. A. Baldwin, S. Frenk, J. Y. Lettvin .... 1462

Holocene Submergence of the Eastern Shore of Virginia: W. S. Newman  
and G. A. Rusnak  .................................................................................. 1464

Radiocarbon Age of a Nevada Mummy: P. C. Orr and R. Berger .................... 1466

Homograft Rabbit Skin Protection by Phenothiazine Derivatives: Z. Eyal et al. .... 1468

Plant Growth Retardant B-995: A Possible Mode of Action: D. J. Reed,  
T. C. Moore, J. D. Anderson  .................................................................... 1469

Hereditary Absence of Sebaceous Glands in the Mouse: A. H. Gates and M. Karasek 1471

Paired Comparison Method for Measurement of Sugar Preference in Squirrel Monkeys:  
M. W. Wagner, K. F. Green, M. B. Manley .............................................. 1473

Nucleic Acid Polymerases: Possible Subunit Structure: S. Lee-Huang and  
L. F. Cavaliere  ......................................................................................... 1474

DNA Synthesis in Aluminum-Treated Roots of Barley: M. Sampson, D. Clarkson,  
D. D. Davies .......................................................................................... 1476

Particles Resembling Papova Viruses in Human Cerebral Demyelinating Disease:  
G. M. Zu Rhein and S.-M. Chou ................................................................ 1477

Three Dimensions in Fine Structure: H. C. Mitchell and J. C. Thaemert ............ 1480

Lactic Acid Metabolism in Hypertensive Patients: F. E. Demartini et al. .............. 1482

Probability-Learning by the Turtle: K. L. Kirk and M. E. Bitterman ................. 1484

Visual Perception of Direction for Stimuli Flashed during Voluntary Saccadic Eye  
Movements: L. Main and D. G. Pearce ..................................................... 1485

Comments on Reports: Warm Interstadial Interval in Wisconsin Stage of the  
Pleistocene: N. D. Newell; Sap Pressure: Addendum: P. F. Scholander ............ 1488

MEETINGS

Research in Patient Care: P. J. Sanazaro; Nucleation Phenomena: A. G. Walton .... 1489

COVER

Autograph of branched streamers from a positive point on the impulse potential, intercepted at progressively greater distances toward the negative plane by a transverse film. The tips of each of the branches represent an ionizing wave of positive potential gradient. The gradient propagates itself by photo-electric ionization of the air near the film. See page 1417. [E. Nasser]
Science 148 (3676), 1410-1500.