LETTERS
After Scopes: T. A. Cowan; Where Does the Metric System Prevail?: J. Mayer; Parapsychology and Spontaneous Cases: L. W. Alvarez

EDITORIAL
The Profits and Risks of Simplification

ARTICLES
Order from Chaos: J. H. Hildebrand
Point Defects in Insulators: C. C. Klick
Information Processing in the Nervous System: D. E. Broadbent

NEWS AND COMMENT
1965 Nobel Laureates in Medicine or Physiology: G. S. Stent
R&D Boom: House Report Cites Debits—Air Pollution: Standards May Be in the Offing

BOOK REVIEWS

REPORTS
Paleotemperatures and Chronology at Archeological Cave Site Revealed by Thermoluminescence: W. Dort, Jr., et al.
Transform Faults, Oceanic Ridges, and Magnetic Anomalies Southwest of Vancouver Island: J. T. Wilson
Magnetic Anomalies over a Young Oceanic Ridge off Vancouver Island: F. J. Vine and J. T. Wilson
Radioactivity: Distribution from Cratering in Basalt: N. A. Bonner and J. A. Miskel
Exchange of Carbon-Bound Hydrogen Atoms ortho to the Hydroxyl Group in Tyrosine: R. B. Martin and V. J. Morlino
Radiolysis of Estrone and Estradiol: O. H. Wheeler and R. Montalvo

Earth Tremors Generated by Old Faithful Geyser: J. S. Rinehart

Delta-Aminolevulinate Dehydratase Activity in Mice with Hereditary Anemia: F. L. Margolis and E. S. Russell

Gibberellic Acid: Action in Barley Endosperm Does Not Require Endogenous Auxin: R. Cleland and N. McCombs

Systematic Relationships between Carbon and Oxygen Isotopes in Carbonates Deposited by Modern Corals and Algae: M. L. Keith and J. N. Weber

Histones and Basic Polyamino Acids Stimulate the Uptake of Albumin by Tumor Cells in Culture: H. J.-P. Ryser and R. Hancock


Complement Fixation on Cell Surfaces by 19S and 7S Antibodies: T. Borsos and H. J. Rapp

Dulcin and Saccharin Taste in Squirrel Monkeys, Rats, and Men: G. L. Fisher, C. Pfaffmann, E. Brown


Comments on Reports: Convection–Plume-like Phenomenon: R. E. Drapeau; Contaminants: Addendum: H. A. Kordan

ASSOCIATION AFFAIRS

The Natural Environment

MEETINGS

Neurological Mutants of the Mouse: R. L. Sidman, S. H. Appel, J. F. Fuller; Electronic and Atomic Collisions: W. L. Fite and E. Gerjuoy; Forthcoming Events

DEPARTMENTS

New Products

COVER

Old Faithful erupting on a winter day. Seismic recordings made during the January 1965 expedition to Yellowstone Park can be correlated with geyser activity. Intervals between eruptions do not scatter around a single value, as formerly thought. A bimodal distribution in frequency of intervals occurs. Histogram measurements show the intervals to be about 50 minutes and 70 minutes. See page 494. [John S. Rinehart, U.S. Department of Commerce]
Science 150 (3695), 439-539.