LETTERS
Gerontology: R. R. Kohn; Floating Accelerator: Progress at Last: W. A. Shurcliff; Metric System: Easy Conversions: R. G. Petersen; Psychologists' Title: J. G. Watkins

EDITORIAL
A New Level of Understanding

ARTICLES
Collision Characteristics of Freely Falling Water Drops: R. Gunn
Symmetrical Gaits of Horses: M. Hildebrand
Ocean Drilling on the Continental Margin: Joint Oceanographic Institutions' Deep Earth Sampling Program
Mature Research Institutions and the Older Scientist: L. G. Cook and G. W. Hazzard
Enzyme Nomenclature: Commission of Editors of Biochemical Journals

NEWS AND COMMENT
Science in the Mountains: Exodus from Greenbank—Congress: Session Record —Speaker Ban (II): U.N.C. Looks for Early End to Crisis—Regional Pacts: Cooperation in Higher Education

BOOK REVIEWS
"To Be or Not To Be . . .": A. M. Rivlin

REPORTS
Glide Mechanisms in Experimentally Deformed Minerals: C. B. Raleigh
Potassium-Argon Age from a Granite at Mount Wilbur, Queen Maud Range, Antarctica: V. H. Minshew
The Earliest Primates: L. Van Valen and R. E. Sloan
Strontium and Magnesium in Water and in Crassostrea Calcite: A. Lerman
Immunoelectrophoresis Reveals Collagen Solubility in Human Serum: J. Frey et al.
Uptake as a Determinant of Methotrexate Response in Mouse Leukemias: D. Kessel, T. C. Hall, D. Roberts
Hageman Factor: Alterations in Physical Properties during Activation:
V. H. Donaldson and O. D. Ratnoff ........................................... 754
Selective Mitochondrial Damage by a Ruby Laser Microbeam: An Electron
Microscopic Study: R. L. Amy and R. Storb .................................. 756
Papain Membrane on a Collodion Matrix: Preparation and Enzymic Behavior:
R. Goldman et al. ........................................................................... 758
Recombination in Bacteriophage T4: A Mechanism: E. Simon .................. 760
Cestode in North Dakota: Echinococcus in Field Mice: P. D. Leiby ............... 763
Periodic Respiratory Pattern Occurring in Conjunction with Eye Movements
during Sleep: E. Aserinsky ................................................................ 763
Trans-Aconitic Acid in Range Grasses in Early Spring: R. Bureau and P. R. Stout .......................................................... 766
Eimeria tenella: Cultivation of the Asexual Stages in Cultured Animal Cells:
W. H. Patton .................................................................................. 767
Lymphoma Growth in vivo: Electronic Discrimination between Tumor and Stroma
Cells: G. Haughton et al. .................................................................... 769
Absence or Singular Specificity of Carotenoids in Some Lower Fishes:
D. L. Fox and G. F. Crozier ............................................................... 771
Gastric Secretion: Mechanism for Production of Hydrogen Ions: H. P. Gregor
and J. M. Berkowitz ........................................................................ 773
Alternative Forms of Triosephosphate Dehydrogenase in Chromatium;
G. A. Hudock, D. B. Mellin, R. C. Fuller ........................................... 776
Protein Synthesis in Enucleated Eggs of Rana pipiens: L. D. Smith and R. E. Ecker .......... 777
Brain Transplantation: Prolonged Survival of Brain after Carotid–Jugular
Interposition: R. J. White et al. ........................................................ 779
Efficiency of the Conditioned Eyelid Response: I. Martin and A. B. Levey ........... 781
Comments on Reports: Convection Plumes and Insects: M. Rigby ...................... 783

ASSOCIATION AFFAIRS
Materials Science in Dentistry, Medicine, and Pharmacy ............................. 784

MEETINGS
Radiation Trapped in Earth’s Magnetic Field: B. M. McCormac; Photon and
Electron Impact: V. H. Dibeler; Canadian Plant Physiology: J. A. Webb;
Hermaphroditic Fish: J. W. Atz; Forthcoming Events .................................. 785

COVER
A drop of water making contact with the top of another drop. If the relative velocity between two colliding
drops is less than about 40 centimeters per second, the two drops approach each other and interact sufficiently
to produce visible deformation. The drops recoil without coalescence if their initial relative kinetic energy
is small and if no appreciable electric field is superimposed. See page 695.
[Ross Gunn, American University]
Editor's Summary

This copy is for your personal, non-commercial use only.

Article Tools  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/150/3697.citation

Permissions  Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl