Editorial
To the Detriment of None

Articles
Translocation of Particles within Plants: J. W. Mitchell, I. R. Schneider, H. G. Gauch

The translocation systems of plants can move particles that vary in size from the ionic to the macromolecular.

British Achievements in X-ray Crystallography: W. L. Bragg

Knowledge of the precise geometry of molecules opens new possibilities for understanding chemical reactions.

Science in the News
Atomic Energy Commission Faces a Major Court Test of Its Reactor Licensing Procedures; Senate Group Recommends Big Increase in Funds for Medical Research

Book Reviews
Advances in Space Science, reviewed by A. E. S. Green; The Study of Elementary Particles by the Photographic Method, reviewed by H. W. Koch; other reviews

Reports
Diurnal Cycles and Cannibalism in Planaria: J. B. Best

New Quaternary Ammonium Compounds with Adrenomimetic Action: R. A. Lehman and H. A. Jewell

Self-Absorption Correction for Carbon-14 Assay: J. Katz; R. W. Hendler

Induced Somatic Mutations Affecting Erythrocyte Antigens: S. L. Scheinberg and R. P. Reckel

Strontium-90 in Ecuador: N. R. French

Decarboxylase Inhibition and Blood Pressure Reduction by α-Methyl-3,4-dihydroxy-DL-phenylalanine: J. A. Oates et al.

Behavior in the Cold after Acclimatization: V. G. Laties and B. Weiss

Departments

Union of International Engineering Organizations; Forthcoming Events

Cover
Thin section through a group of ommatidia in the eye of Drosophila melanogaster at the late pupal stage. In each ommatidium are seven main retinula cells, each bearing a rhabdomere composed of a compact mass of tubules. The arrangement of the retinulae is rather precisely repeated from one ommatidium to the next (× 20,000). [C. H. Waddington, Institute of Animal Genetics, Edinburgh, Scotland]