Editorial

To the Detriment of None

1861

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.

1863

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

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

1870

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

1875

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

1880

Reports

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

1884

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

1885

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

1886

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

1887

Strontium-90 in Ecuador: N. R. French

1889

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

1890

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

1891

Departments


1894

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]