Science
6 July 1956
Volume 124, Number 3210

Editorial
The National Committee ............................................ 7

Articles
Equilibrium Diagrams and Single Crystal Growth: S. Zerfoss .......... 9
Oceanography, Fisheries, and Atomic Radiation: Committee on the
Effects of Atomic Radiation on Oceanography and Fisheries ........ 13
Disposal and Dispersal of Radioactive Wastes: Committee on
Disposal and Dispersal of Radioactive Wastes ........................ 17
Louis C. Karpinski, Historian of Mathematics: P. S. Jones .......... 19

News of Science
Nuclear Notes; Vault for the Future; TB and the Yellow Bacillus; Again, the
"Abominable Snowman"; Microwave Detection of Metallic Ions in Plant Material; Scientists in the News; Recent Deaths; Grants, Fellowships, and Awards;
In the Laboratories; Miscellaneous .................................. 20

Reports
Colchicine-Induced Polyploidy in Chlamydomonas:
D. F. Wetherell and R. W. Krauss .................................... 25
Stability of the Gene: C. C. Lindegren .................................. 26
Localization and Quantitation of Water in Biological Samples by
Historadiography: A. Engström and D. Glick .......................... 27
Biosynthesis of Pelargonidin-3-glucoside-C14:
G. E. Livingston and P. Markakis ..................................... 28
Optical Isomerism and Pharmacological Action, a Generalization:
C. C. Pfeiffer ............................................................... 29
Photoreactivation of Ultraviolet-Inactivated Diphosphopyridine
Nucleotide: P. H. Wells .................................................. 31
Serum and Liver Transaminase Activities in Experimental Virus
Hepatitis in Mice: F. De Ritis, M. Coltorti, G. Giusti .................. 32
Consistent Biochemical Pattern in Malignant Tumors:
A. K. Laird and A. D. Barton ........................................... 32
Antiserotonins in Hypertension and the Antimetabolite Approach to
Chemotherapy: D. W. Woolley and E. N. Shaw ..................... 34

Book Reviews
Physics of Fully Ionized Gases; Advances in Genetics; Resonance in Organic
Chemistry; Problems in Amoebiasis; Recent Studies in Avian Biology; The
Chemistry of Tanning Processes; Protoplasmatologia, Handbuch der Protoplasmaforschung; New Books ......................... 35

Meetings and Societies
STIP Boulder Conference; Meeting Notes; Society Elections; Forthcoming
Events ................................................................. 38
Equipment News ....................................................... 42