



SCIENCE

25 MARCH 1955

VOLUME 121

NUMBER 3143

Attempts at a Unified Theory of Elementary Particles: <i>H. Yukawa</i>	405
Apparatus for Carbon-14 Dating: <i>C. Ballario et al.</i>	409
E. C. Schneider, Pioneer in Aviation Medicine: <i>H. B. Goodrich</i>	412
Henry K. Benson, Wood Chemist: <i>J. L. McCarthy</i>	413

News and Notes

NSF Summer Institutes for Teachers of Mathematics and Science; Indian Science Congress; and Regular Departments	414
---	-----

Book Reviews

<i>Successful Commercial Chemical Development; Animal Cytology and Evolution; Life on Other Worlds; Quantum Mechanics; Characteristics and Applications of Resistance Strain Gages; Physical Chemistry; Highway Engineering; Clinical Aspects of the Autonomic Nervous System; Rural Electrification; Reports on Progress in Physics; Identification of Organic Compounds; Books Reviewed in The Scientific Monthly; New Books; and Miscellaneous Publications</i>	428
--	-----

Technical Papers

Molting of Roaches without Prothoracic Glands: <i>L. E. Chadwick</i>	435
X-ray Examination of Molecular Configuration of Asparagine in Crystalline L-Asparagine Monohydrate: <i>Y. Saito, O. Cano-Corona, R. Pepinsky</i>	435
Hyperconjugation in Ketene Dimer: <i>R. H. Wiley</i>	436
Blood Studies of Red Sindhi-Jersey Crosses: III. Effect of a Fixed Hot Environment on Blood Constituent Levels of Jerseys and Sindhi-Jersey Crosses: <i>L. L. Rusoff, M. W. Schein, J. J. Vizinat</i>	437
Viscosity Studies on the Sodium Desoxyribonucleates Obtained from Pneumococcus Types III and VI: <i>V. L. Koenig</i>	439
Reversible Photoreaction Controlling Expansion of Etiolated Bean-Leaf Disks: <i>J. L. Liverman, M. P. Johnson, L. Starr</i>	440

Communications

Prior Publication: <i>J. H. Hash and K. W. King</i>	441
Spectral Absorption of Turbid Systems Using Diffuse Light: <i>J. B. Bateman and G. W. Monk</i>	441
Nutritional Changes in Diets Exposed to Ethylene Oxide: <i>E. A. Hawk and O. Mickelsen</i>	442
On "Improving Scientific Communication": <i>W. H. Waldo</i>	444
Science and Poetry: <i>R. Gottschalk</i>	444
Q_{10} of the Maximum Tetanic Tension Developed by Isolated Muscle Fibers of the Frog: <i>M. A. Washington et al.</i>	445
Marking of Shrimp: <i>R. W. Menzel</i>	446

Security Stirrings	9A
---------------------------------	----

Meetings and Conferences	14A
---------------------------------------	-----

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE

Science

121 (3143)

Science **121** (3143), 14A-446.

ARTICLE TOOLS

<http://science.sciencemag.org/content/121/3143.citation>

PERMISSIONS

<http://www.sciencemag.org/help/reprints-and-permissions>

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. The title *Science* is a registered trademark of AAAS.

Copyright © 1955 The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works.