

SCIENCE

5 August 1955

Volume 122, Number 3162

Editorial	Our Critics	223
Articles	Biological Roots of Psychiatry: <i>R. W. Gerard</i>	225
	Metabolism and Chromosome-Break Rejoining: <i>S. Wolff</i> and <i>H. E. Luippold</i>	231
News of Science	Pseudoalleles; New AEC Division; Radioactive Fallout in Great Britain; Antarctic Observation Stations; News Briefs; Scientists in the News; Necrology; Education; Grants, Fellowships, and Awards; In the Laboratories; Miscellaneous	233
Reports and Letters	Behavior Pattern in Migratory Fishes: <i>J. C. Briggs</i>	240
	Concentration and Purification of Polio Viruses: <i>J. Smolens, A. Greene, L. Coriell</i>	240
	Some Analogs and Derivatives of the Insecticide DDT: <i>R. E. Dunbar</i> and <i>A. O. Geiszler</i>	241
	Intracellular Symbiosis in Cockroaches: II. Mitotic Division of Mycetocytes: <i>M. A. Brooks</i> and <i>A. G. Richards</i>	242
	Paper Electrophoresis with Superimposed <i>pH</i> Gradient: <i>H. Hoch</i> and <i>G. H. Barr</i>	243
	Direction of Ionic Addition to Olefinic Double Bonds: <i>R. T. Sanderson</i>	244
	Antiparasitic Activity of Substituted Carbanilide Complexes: <i>A. C. Cuckler et al.</i>	244
	Chronic Uncontrolled Cross-Circulation in Unanesthetized Dogs: <i>R. H. Egdahl</i>	245
	Systematization of Journal Practices: <i>J. W. Tukey</i>	246
Book Reviews	<i>Fluorine Chemistry; An Introduction to Plant Taxonomy; The Gyroscope Applied; Fundamentals of Radiobiology; The Nucleic Acids; Radioisotope Conference, 1954; The Plant Quarantine Problem; Glass Reinforced Plastics; Peripheral Nerve Injuries; New Books; Miscellaneous Publications</i>	247
Scientific Meetings	Peaceful Uses of Atomic Energy; Meeting Notes; Society Elections; Forthcoming Events	252

Printed in the United States of America

Science

122 (3162)

Science 122 (3162), 223-256.

ARTICLE TOOLS

<http://science.sciencemag.org/content/122/3162.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. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.