

other animals, including thousands of monkeys obtained through the aid of the National Foundation for Infantile Paralysis.

When a chemical was found both effective and safe in these tests, it was tested in humans. For these last stages in the testing program, conscientious objectors and prisoners at federal and state penitentiaries volunteered.

Possibility of developing a vaccine against malaria was explored but has not shown promise.

New knowledge of the malaria parasites themselves and their biochemical requirements has been gained and has aided and probably will further aid the search for chemical cures and preventives of malaria.

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• Books of the Week •

ARGENTINA'S AGRICULTURAL EXPORTS DURING WORLD WAR II—Pavel P. Egoreff—*Stanford Univ. Press*, 52 p., charts, 50 cents. War-peace pamphlet No. 8.

CAMBRIAN HISTORY OF THE GRAND CANYON REGION—Edwin D. McKee and Charles E. Resser—*Carnegie Institution*, 232 p., charts and illus., \$2.50 paper, \$3 cloth. Carnegie Institution of Washington publication 563.

THE FUCHSIA BOOK—Alfred Stettler, Ed., *American Fuchsia Society*, 68 p., illus., \$1.50. A collection of articles on the growing of Fuchsias.

THE HEATING OF STEEL—M. H. Mawhinney—*Reinhold*, 265 p., charts and illus., \$4.75. A practical discussion of those features of heating methods and of furnace tools which are important in obtaining the best results from the heating of steel.

HOUSEHOLD MECHANICS—Earl L. Bedell and Ernest G. Gardner—*Int. Textbook*, 241 p., \$2.75. Second ed. Tells everything to know about the thousand and one "fixit" tasks necessary in maintaining a home.

INSIDE THE VACUUM TUBE—John F. Rider—*John R. Rider Publisher*, 407 p., charts and illus., \$4.50. An easy-to-understand presentation of the theory and operation of the basic types tubes.

MEDICAL EDUCATION IN THE UNITED STATES AND CANADA—*American Medical Assn.*, 80 p., tables, 50 cents. Forty-fifth

annual report by the Council on Medical Education and Hospitals.

MINIMUM DESIGN LOADS IN BUILDINGS AND OTHER STRUCTURES—National Bureau of Standards—*American Standards Assn.*, 26 p., charts, 50 cents. Recommended basic building code requirements that are being developed by technical committees under the procedure of the American Standards Assn.

PATHOLOGY IN SURGERY—N. Chandler Foote—*Lippincott*, 511 p., illus., \$10. A textbook; covers the close relationship between the pathologist and the surgeon in the operating room, the surgical ward, and the pathologist's laboratory.

THE SIXTEEN SOVIET REPUBLICS—*Information Bulletin, Embassy of USSR*, 32 p., illus., free. Natural resources, agriculture, population, etc., of each republic.

WOODWORKING FOR EVERYBODY—John Shea and Paul Wenger—*Int. Textbook*, 187 p., illus., \$2.75. An informal, non-technical book on how to make things with wood and how to finish wood.

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OPTICS

Rotascope Makes Objects Appear to Stand Still

► WHIRLING airplane propellers appear to stand still when viewed through a new optical instrument developed by scientists of the General Electric Company. It is known as a Rotascope, and is said to be an optical system for untwisting the light of rotating objects before recorded by the human eye.

It is claimed to be the first instrument of its kind which allows a continuous viewing of a rotating object at any particular point in its path of travel. While it eliminates the rotary component of a whirling object's motion, it does not eliminate any flutter or vibration of the moving part. In this is its primary value—by its use scientists are able to make a thorough study of the rotating parts of machinery.

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The *mango* was brought to the western hemisphere, probably from the East Indies, by Portuguese navigators who planted it in Brazil 250 years ago.

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OF

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Herman F. Brandt.....	\$3.75
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John Dos Passos.....	\$2.00
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Vergilius Ferm, ed.....	\$10.00
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Max Graf.....	\$3.00
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Georges Gurvitch.....	\$6.00
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