

# Books of the Week

► **THE PROBLEM** of "Lebensraum" may have been solved for Germany by World War II—at least it served to cut down the population there to a considerable extent. But in many other parts of the world, the increasing number of men, women and children who need food, clothing, education and the various freedoms, combined with the decreasing acreage of good farm land which is being rapidly lost through erosion and waste pose a gigantic and urgent problem. The authors of **POPULATION ROADS TO PEACE OR WAR**, Guy Irving Burch and Elmer Pendell, (*Population Reference Bureau*, paper, \$1.; cloth, \$2.), believe it to be the principal problem of those who will sit around the peace table. Unless a reasonable and effective solution is found, they believe, there can be no permanent peace. They urge vigorous measures of education for planned parenthood, migration restrictions for any country that fails to control its own population increase, sterilization laws and more strict marriage laws.

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► **ALL AVIATION ACTIVITIES** of the calendar year 1943 and as recent as May, 1944, are found in digest form in the new illustrated **JANE'S ALL THE WORLD'S AIRCRAFT 1943-1944**, compiled by Leonard Bridgman (*Macmillan*, \$19.) Although the volume is complete and detailed on military and civil aviation as well as data on aviation engines, it is regrettable that it does not contain such up-to-date airplanes as the B-29 Superfortress, or P-61 Black Widow. It is, however, a valuable reference and gives details on foreign aircraft not readily available elsewhere. The current issue of this annual contains nearly 700 photographs as well as charts and drawings.

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## Just Off the Press

**THE AUTOBIOGRAPHY OF SCIENCE**—Forest Ray Moulton and Justus J. Schifferes, eds.—*Doubleday*, 666 p., \$4.

**CAREERS IN SCIENCE**—Philip Pollack—*Dutton*, 222 p., illus., \$2.75.

**THE COMING AGE OF ROCKET POWER**—G. Edward Pendray—*Harper*, 244 p., illus., \$3.50.

**THE DIETARY OF HEALTH AND DISEASE**—Gertrude I. Thomas—*Lea*, 308 p., illus., \$3.50, 4th ed.

**ESSENTIALS OF BODY MECHANICS IN HEALTH AND DISEASE**—Joel E. Goldthwait and others—*Lippincott*, 337 p., illus., \$5., 4th ed.

**THE FARMER'S SHOP BOOK**—Louis M. Roehl—*Bruce Pub.*, 446 p., illus., \$2.48, 8th ed.

**MAINSPRINGS OF CIVILIZATION**—Ellsworth Huntington—*Wiley*, 660 p., illus., \$4.75.

**THE MALE HORMONE**—Paul de Kruif—*Harcourt*, 243 p., \$2.50. Enthusiastic story about the chemical identification and synthesis of the male sex hormone, and its uses, both present and potential. Of course, consult your doctor.

**PRACTICAL SLIDE RULE MANUAL**—Jack Klock—*Edwards Brothers, Inc.*, 36 p., paper, illus., \$1.

**PRE-INCAIC HUAMACHUCO**, Survey and Excavations in the Region of Huamachuco and Cajabamba—Theodore D. McCown—*Univ. of Calif. Press*, 399 p., paper, illus., \$2.

**PRINCIPLES OF FIREARMS**—Charles E. Ballesen—*Wiley*, 146 p., illus., \$2.50.

**WORLD GRAIN REVIEW AND OUTLOOK, 1945**—Helen C. Farnsworth and V. P. Timoshenko—*Food Research Inst., Stanford Univ.*, 319 p., illus., \$3.

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### MEDICINE

## Yellow Fever Found in Wild Animal in Brazil

► **YELLOW FEVER** is a disease that most of us need not worry about, though a couple of generations ago the very word was terrifying. It is a disease that our health officials worry about because they know that the mosquitoes which spread it still exist in the United States. So long as we do not have any yellow fever patients from whom the mosquitoes can pick up and spread the germs, we can remain free from the danger of this disease. With people flying all around the world as they do these days, however, it takes constant watching at our borders to make sure no one comes in with unsuspected yellow fever. Mosquitoes themselves must also be watched for, since otherwise infected ones could come in on a plane and escape to cause damage.

The fight against yellow fever is going on even more actively in those regions of Africa and South America where the disease still exists. Latest word from this front concerns a sick monkey, a marmoset, trapped at Ilheus, in Brazil, by scientists of the Rockefeller Foundation's International Health Division. This animal had in its blood the virus of yellow fever, from which it soon died.

This is the first time in any country that a wild animal has been picked up in its natural habitat suffering from yellow fever. The finding lends support to the theory that yellow fever is "primarily a disease of jungle animals transmitted by jungle mosquitoes."

Those who must travel to yellow fever regions can be protected against the disease by a vaccine. The rest of us depend for protection on the activities of our health authorities and of scientists who are still working to learn more about yellow fever in the hope of perhaps eradicating it even from its jungle lair.

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**Rutgers**  
UNIVERSITY PRESS

## The Mosquitoes of New Jersey

### AND THEIR CONTROL

By **THOMAS J. HEADLEE**  
Professor Emeritus of Entomology,  
Rutgers University

An authoritative, practical, and useful guide to mosquito biology and control, invaluable for all entomologists, mosquito control workers, sanitary engineers, and public health officials.

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## Molecular Films, the Cyclotron & the New Biology

By **HUGH STOTT TAYLOR**,  
**ERNEST O. LAWRENCE**, and  
**IRVING LANGMUIR**

*With Commentaries by*  
*Leslie A. Chambers and J. R. Dunning*

**BIOLOGICAL ABSTRACTS:** "These three essays taken together show how modern science is once again interacting within itself to realize its full possibilities." *Illustrated, \$1.25*

### CONTENTS:

**FUNDAMENTAL SCIENCE FROM PHLOGISTON TO CYCLOTRON:** *by Hugh Stott Taylor*

**MOLECULAR FILMS IN CHEMISTRY AND BIOLOGY:** *by Irving Langmuir*

**NUCLEAR PHYSICS AND BIOLOGY:** *by Ernest O. Lawrence*

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