

## Books of the Week

► WITH PENICILLIN available for general use and many other antibiotics coming to the fore, physicians and medical students especially will welcome a book dealing primarily with the clinical application of these new substances. Such a book is **PENICILLIN AND OTHER ANTIBIOTIC AGENTS**, by Wallace E. Herrell (*Saunders*, \$5). Although stressing the clinical aspects, the author gives a brief review, with a few humorous anecdotes, of the history of penicillin and other antibiotics, their preparation and chemistry so far as known.

*Science News Letter, June 16, 1945*

► **MANUFACTURING IN PLASTIC** should be encouraged and simplified by the help of **PLASTICS IN PRACTICE**, by John Sasso and Michael A. Brown, Jr. It brings together a comprehensive list of plastic materials in general use, tells their characteristics and special properties, compares their usefulness for definite purposes both with each other and with older materials, and gives data on manufacturing methods and costs. (*McGraw*, \$4.)

*Science News Letter, June 16, 1945*

► **THE FUNDAMENTALS** of radio are quite completely covered in **INTRODUCTION TO PRACTICAL RADIO**, by Durward J. Tucker, a manual for beginners which is also a valuable reference for practicing radio engineers and technicians. The principles involved in radio problems are explained with clarity. (*Macmillan*, \$3.)

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► **FARMERS** and stock-raisers everywhere are showing increasing interest in what has been popularly nicknamed "test-tube breeding." Very timely, therefore, is the appearance of a very practical, compact book on the subject, **THE ARTIFICIAL INSEMINATION OF FARM ANIMALS**, (*Rutgers Univ. Press*, \$3.50), written by a group of specialists under the general editorship of Enos J. Perry. Since it is thus far the only reasonably complete work on the subject, it is bound to have wide acceptance.

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► **PICTURES AND DATA** on all important planes of every air-minded nation are the heart of **AIR NEWS YEARBOOK** edited by Phillip Andrews (*Duell*, \$4.75). Although you have seen some of the plane pictures elsewhere, the book gives you all the latest publishable facts of general interest about these planes. As a whole it is poignant evidence of the importance of air power in a world at war. Comparisons between Jap, Nazi and American aircraft pictures show that the Nipponese designers have drawn heavily upon foreign airplane ideas.

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► **READING ABOUT ROCKETS** in the words of one of the organizers of the American Rocket Society is interesting for specialists as well as for those interested generally in such wartime developments as the robot, bazooka, and the jet propelled plane in **THE COMING AGE OF ROCKET POWER** by G. Edward Pendray, (*Harper*, \$3.50). The author traces the evolution of the rocket prin-

ciple from its discovery centuries ago to the present day, then predicts what the future may bring from this little-used form of power. Easier to read than most of the recent books on this subject, this volume takes the reader into the confidence of the scientist and in understandable language unfolds a fascinating story.

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### Just Off the Press

**AGEING AND DEGENERATIVE DISEASES**—Robert A. Moore, ed.—*Cattell*, illus., 242 p., \$3. One of a series of volumes devoted to current symposia in the field of biology.

**BETTER LAWN**—Howard B. Sprague—*Doubleday*, 205 p., illus., \$2.

**BUILDING OR BUYING A HOUSE; A Guide to Wise Investment**—Kenneth Johnstone and others—*McGraw*, 154 p., illus., \$2.75.

**THE CHEMICAL FORMULARY: A Collection of Valuable, Timely, Practical Commercial Formulæ and Recipes for Making Thou-**

sands of Products in Many Fields of Industry. Vol. 7—H. Bennett—*Chemical Pub.*, 474 p., \$6.

**DYNAMIC METEOROLOGY**—Jorgen Holmboe and others—*Wiley*, 378 p., illus., \$4.50.

**INDUSTRIAL PLASTICS**—Herbert R. Simonds—*Pitman*, 396 p., illus., \$5. Third ed.

**MODERN BIRD STUDY**—Ludlow Griscom—*Harvard Univ. Press*, 189 p., illus., \$2.50.

**PLANTS AND PLANT SCIENCE IN LATIN AMERICA**—Frans Verdoorn, ed.—*Chronica Botanica*, 381 p., illus., \$6.

**THE SUPERFORTRESS IS BORN: The Story of the Boeing B-29**—Thomas Collison—*Duell*, 218 p., illus., \$3.

**SYNTHETIC RUBBER FROM ALCOHOL: A Survey Based on the Russian Literature**—Anselm Talalay and Michel Magat—*Inter-science*, 298 p., illus., \$5.

**WINGS AND THE WEATHER; A Study Guide in Meteorology for Pilots**—A. L. Chapman and others—*Pitman*, 188 p., paper, illus., \$1.80.

**WOMAN'S MEDICAL PROBLEMS**—Maxine Davis—*McGraw*, 220 p., \$2.

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# To those who wonder why we need still bigger War Loans

**I**N THE 7th War Loan, you're being asked to lend 7 billion dollars—4 billion in E Bonds alone.

That's the biggest quota for individuals to date.

Maybe you've wondered why, when we've apparently got the Nazis pretty well cleaned up, Uncle Sam asks you to lend more money than ever before.

If you have, here are some of the answers:

### This war isn't getting any cheaper

No matter what happens to Germany—or when—the cost of the war won't decrease this year.

We're building up a whole new air force of jet-propelled planes and bigger bombers.

We're now building—even with announced reductions—enough new ships to make a fair-sized navy.

At the time this is written, our casualties are nearing the million mark in dead, missing, and wounded. Wounded

men are arriving in this country at the rate of over 30,000 a month. The cost of caring for these men is mounting daily.

No—this war isn't getting any cheaper. And won't for some time.

### This year—2 instead of 3

We need as much War Bond money this year as we did last. But there will be only 2 War Loans this year—instead of the 3 we had in 1944.

Each of us, therefore, must lend as much in two chunks this year as we did last year in three. That's another reason why your quota in the 7th is bigger than before.

The 7th War Loan is a challenge to every American. The goal for individuals is the highest for any war loan to date. The same goes for the E Bond goal. Find your personal quota—and make it!



## ALL OUT FOR THE MIGHTY 7th WAR LOAN