

# •First Glances at New Books

## MILITARY SCIENCE—ECONOMICS

ORGANIZING FOR TOTAL WAR—Francis J. Brown, ed.—*American Academy of Political and Social Science*, 287 p., \$2 paper; \$2.50 cloth. (The Annals, March 1942.) Fundamental stuff on the armed forces of the nation, production, civilian morale and a look at the future. Good for reading, it is also in a sense a handbook useful in understanding the accelerated total war effort.

*Science News Letter*, April 11, 1942

## ECONOMICS

JAPAN'S INDUSTRIAL STRENGTH—Kate L. Mitchell—*Knopf*, 149 p., \$1.50. The material for a cool-headed appraisal of our enemies' sinews of war. This Institute of Pacific Relations compilation shows that Japan's over-all industrial war potential "is vastly below that of the United States and still further below the combined American - British - Chinese-Dutch resources now opposing her."

*Science News Letter*, April 11, 1942

## POLITICAL SCIENCE—ECONOMICS

THE JAPANESE ENEMY, His Power and His Vulnerability—Hugh Byas—*Knopf*, 107 p., \$1.25. An analysis by a newspaper correspondent who concludes that American victory will come from the irresistible pressure of superior power.

*Science News Letter*, April 11, 1942

## PHYSICS

THE PHYSICAL SCIENCES (Rev. ed.)—Emmett James Cable, Robert Ward Getchell and William Henry Kadesch—*Prentice-Hall*, 754 p., illus., trade \$5; school \$3.75. A comprehensive survey of the physical sciences including physics, chemistry, astronomy, geology and meteorology, designed to give the reader an intelligent understanding of the world in which he lives and to free his mind of prejudice and superstition. Emphasis is laid on scientific methods of arriving at the truth, on weighing values and reserving judgment until all the facts are known.

*Science News Letter*, April 11, 1942

## TECHNOLOGY

TEXTILE FABRICS (Rev. ed.)—Isabel B. Wingate—*Prentice-Hall*, 624 p., illus., trade, \$5.35; school, \$4. Consumers will be helped to get their money's worth by the information in this book. They will also be helped to understand the cryptic labels, which frequently the salespeople themselves are unable to explain, which

are attached to the fabrics by government order as a safeguard. Facts about materials, weaves, dyes and care of fabrics are also given.

*Science News Letter*, April 11, 1942

## CHEMISTRY

HIGHER CHEMICAL CALCULATIONS—A. J. Mee—*Chemical Pub. Co.*, 184 p., \$6. The principles of physical chemistry are set forth in this book by means of worked out examples based on problems actually encountered in the researches that laid the foundations of this science.

*Science News Letter*, April 11, 1942

## CHEMISTRY

CHEMISTRY—Gerald Wendt—*Wiley*, 300 p., \$1.75. This book is a survey course, one of several in the various sciences edited by Gerald Wendt. Its aim is to give, not a smattering of superficial knowledge, but an understanding of scientific method and of the basic concepts of the science. It is not intended for the training of professional chemists, but for all citizens of a democracy in an age of science. For those who may wish to go beyond the fundamentals, a bibliography is included.

*Science News Letter*, April 11, 1942

## AERONAUTICS

PILOTS' AND MECHANICS' AIRCRAFT INSTRUMENT MANUAL—G. C. DeBaud—*Ronald Press*, 490 p., illus., \$4.50. A glance at the instrument panel of one of the new bombers is all that is necessary to give you an understanding of why a rather voluminous textbook should be devoted solely to aircraft instruments, their operation and possible causes of failure.

*Science News Letter*, April 11, 1942

## PHILOSOPHY

A NEW EARTH AND A NEW HUMANITY—Oliver L. Reiser—*Creative Age Press*, 252 p., \$2.50. This is a plea for a new and scientific humanism—the philosophy that draws its enthusiasm and content from the progress of physics and mathematics during the past few decades. "This new world religion attempts to provide a foundation for a universal culture, thus enabling the nations and races of the several hemispheres to plan for and cooperate in the creation of a truly universal civilization." The author is associate professor of philosophy in the University of Pittsburgh.

*Science News Letter*, April 11, 1942

## CHEMISTRY

THIS CHEMICAL AGE, The Miracle of Man-Make Materials—Williams Haynes—*Knopf*, 407 p., \$3.50. A wonder-book of modern synthetic chemistry, telling about all the well-known products including synthetic rubber and the sulfanilamide drugs, how they are made, how they were discovered. It is one of the rare books that can be recommended when an inclusive, understandable and readable book is demanded.

*Science News Letter*, April 11, 1942

## MILITARY SCIENCE

THE ARMY OFFICER'S MANUAL—A. C. M. Azoy—*Appleton-Century*, 366 p., \$2.50. A compact, pocket-size compendium of everything an Army officer needs to know, from where his collar ornaments should be placed to getting his men comfortably under canvas in the field and signalling his commands in battle. Makes interesting reading for anybody, these days.

*Science News Letter*, April 11, 1942

## AERONAUTICS

THE AERO ENGINEER'S MANUAL—P. H. Simpson—*Chemical Pub. Co.*, 125 p., illus., \$2.50. A book of questions and answers intended to fit into the British air training program.

*Science News Letter*, April 11, 1942

## PSYCHOLOGY

SOCIAL NORMS AND THE BEHAVIOR OF COLLEGE STUDENTS—J. Edward Todd—*Teachers College, Columbia Univ.*, 190 p., \$2.10.

*Science News Letter*, April 11, 1942

## POLITICAL SCIENCE

PUBLIC POLICY IN A WORLD AT WAR—Dwight L. Dumond, ed.—*American Academy of Political and Social Science*, 193 p., \$2 paper, \$2.50 cloth. (The Annals, Vol. 218).

*Science News Letter*, April 11, 1942

## PSYCHOLOGY

UNDERSTANDING YOURSELF, The Mental Hygiene of Personality—Ernest R. Groves—*Emerson Books*, 279 p., \$2.50. By the professor of sociology at the University of North Carolina.

*Science News Letter*, April 11, 1942

## PSYCHOLOGY

AN INTRODUCTORY MANUAL IN PSYCHOLOGY—Joseph J. Ayd—*Fordham Univ. Press*, 162 p., \$1.50.

*Science News Letter*, April 11, 1942