

# • First Glances at New Books •

➤ **SOLDIERS AFRAID?** Indeed they are, we learn at first hand from the hardy veterans of fierce fighting in Spain—the men of the Abraham Lincoln Brigade, American volunteers. Young soldiers and their friends and families will read with interest the graphically presented report, of what these men found out about **FEAR IN BATTLE**, just published by *the Infantry Journal* (25c). Fear, is generally experienced just before combat rather than during it, John Dollard, assisted by Donald Horton, reveals in this report. It is dissipated by action; reduced by foreknowledge of what combat—and fear—is like. Most distressing fear for veterans is of being crippled for life—men in first combat are worried most by the fear that they will be cowards. Treatment for fear as prescribed by these veterans: For the veteran who cracks up, removal from front lines. For the green recruit, a frank talk by other men in his unit. For the chronic deserter, the firing squad.

*Science News Letter, July 8, 1944*

➤ **THE FORTUNE ATLAS** for world strategy, **LOOK AT THE WORLD**, by Richard Edes Harrison (*Alfred A. Knopf*, \$3.50), contains 33 pages of maps in color and 11 pages in black and white. The maps are drawn from the point of view of the air age. They are based upon the problems of world communications, international relations and military strategy.

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➤ **A DESCRIPTIVE STORY** is **THE AMAZING PETROLEUM INDUSTRY**, (*Reinhold*, \$2.25) by V. A. Kalichevsky, a petroleum chemist, that outlines for the layman in an interesting and non-technical way what petroleum is, what it does, and tells about the products and by-products obtained from it.

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➤ **WORLD MAPS AND GLOBES** (*Essential Books*, \$2.50) by Irving Fisher and O. M. Miller, presents to the general reader a concise readable discussion of the various kinds of maps and how to judge them. A new method is described for spotting the distortion in all flat maps.

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➤ **PROSPECTS FOR AVIATION** after the war from the viewpoint of the private citizen are carefully analyzed in **WINGS AFTER WAR** by S. Paul Johnson (*Duell,*

*Sloan & Pearce*, \$2.00), just off the press. Limited to the immediate postwar world, cold light is thrown on the many promised aviation wonders, and a realistic estimate of the place of aviation in post-war economy is presented.

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## • Just off the Press •

**THE ARGASIDAE OF NORTH AMERICA, CENTRAL AMERICA AND CUBA**—R. A. Cooley and Glen M. Kohls—*American Midland Naturalist*—152 p., illus., \$2. *American Midland Naturalist*, Monograph No. 1, ed. by Theodor Just.

**CANADA, Our Dominion Neighbor**—Merrill Denison—*Foreign Policy Assoc.*—96 p., illus., paper, 25c. *Headline Series*, No. 46.

**COUNTERFEITING, Crime against the people**—Lawrence Dwight Smith—*Norton*—254 p., illus., \$3.50. The author, who was formerly in the Army's Military Intelligence Department, had the cooperation of government agencies in preparing this book which tells you how to detect bad money.

**FEAR IN BATTLE**—John Dollard, assisted by Donald Horton—*Infantry Journal*. 64 p., illus., paper, 25c.

**THE FIELD SEED INDUSTRY IN THE UNITED STATES, An Analysis of the Production, Consumption and Prices of Leguminous and Grass Seeds**—Frank Victor Beck—*Univ. of Wisconsin Press*—230 p., illus., \$3.

**JAPAN, An Economic and Financial Appraisal**—Harold G. Moulton, Junichi Ko—*Brookings*—495 p., illus., \$4.

**MEDICAL EDUCATION IN THE UNITED STATES BEFORE THE CIVIL WAR**—William Frederick Norwood—*Univ. of Pennsylvania Press*—487 p., \$6.

**MEET DR. FRANKLIN**—Carl Van Doren and others—*Franklin Institute*—234 p., \$2.50.

**MITOSIS, The Movements of Chromosomes in Cell Division**—Franz Schrader—*Columbia Univ. Press*—110 p., illus., \$2.

**PEOPLES OF FRENCH INDochina**—Olov R. T. Janse—*Smithsonian Institution*, 28 p., illus., 25c. *War Background Studies*, Number 19 (Publication 3768).

**PROCEEDINGS OF THE INTERNATIONAL STUDENT ASSEMBLY**—William Allen Neilson—*Oxford Univ. Press*—159 p., \$1.75.

**ROMANCE OF EXISTENCE**—Ross Bundy—*Pitman*—188 p., \$2.

**SYSTEMATIC INORGANIC CHEMISTRY, of the Fifth-and-Sixth-Group Nonmetallic Elements**—Don M. Yost and Horace Russell—*Prentice-Hall*—423 p., illus., \$6., \$4.60 to schools.

**THEY FLY TO FIGHT, The Story of Airborne Divisions**—Keith Ayling—*Appleton-Century*—191 p., \$2.50.

**WAR BELOW ZERO, The Battle for Greenland**—Bernt Balchen, C. Ford, O. La Farge—*Houghton Mifflin*—127 p., illus., \$2.

**THE WOLVES OF NORTH AMERICA, Part I, Their History, Life Habits, Economic**

Status, and Control—Stanley P. Young—Part II, Classification of Wolves—Edward A. Goldman—*American Wildlife Institute*, 636 p., illus., \$6.

**WOOD CHEMISTRY**—Louis E. Wise, ed.—*Reinhold*—900 p., illus., \$11.50.

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## PHYSICS

### Two Physics Awards Of \$2,000 to Be Given

➤ **TWO Charles L. Mayer Awards** of \$2,000 each will be given for contributions submitted before Jan. 1, 1946, on the nature of light, the National Science Fund has announced.

One award, intended to encourage interpretation of facts already known to the specialist, will be given for an outstanding contribution to our basic understanding of the nature of light and other electromagnetic phenomena.

The second prize, designed to stimulate work on one of the most fundamental unsolved problems in physics, will be awarded for an outstanding comprehensive contribution to a logical, consistent theory of the interaction of charged particles with an electromagnetic field, including the interaction of particles moving with relative high speeds.

Contributions should be submitted to the National Science Fund of the National Academy of Sciences, 2101 Constitution Ave., Washington 25, D. C.

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