

First Glances at New Books

➤ **ALCOHOL ADDICTION** is treated as a disease, not a moral issue, in Volume I of a comprehensive survey on **EFFECTS OF ALCOHOL ON THE INDIVIDUAL** edited by E. M. Jellinek for The Research Council on Problems of Alcohol (*Yale University Press*, \$4.00).

Science News Letter, November 21, 1942

➤ **THE TROPICAL CYCLONE** in all its essential facts and theories is fully discussed in **HURRICANES** (2d ed.), by Ivan Ray Tannehill (*Princeton Univ. Press*, \$3.75). All the known history that is worth mentioning of hurricanes in the West Indies is also given.

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➤ **SCIENTISTS**, Prof. Edwin G. Boring has said, are of two sorts: those who observe, classify, or enumerate and those who work with hypotheses and build theory. Psychology is divided right down the middle. In **SENSATION AND PERCEPTION IN THE HISTORY OF EXPERIMENTAL PSYCHOLOGY** (*Appleton-Century*, \$5), Prof. Boring traces the history of psychological thinking so far as it has to do with man's awareness of the world about him. Events, in this history, are important only as they changed manners of thinking; emotions, ignorances, prejudices, instruments are actors in the drama because they influenced or inhibited the development of thought. This important book will appeal more to scientists than to students (it is difficult reading) but any reader would find interest in the colorful sidelights on scientific discovery such as that "the chief interest in color lay in getting rid of it in telescopes," or that the first moist battery was built in a vain attempt to prove that animal tissues generate electricity.

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➤ **A SURVEY COURSE** in secondary mathematics for upper grade students preparing for service in the armed forces and industry is offered in **BASIC MATHEMATICS**, by Walter W. Hart (*Heath*, \$1.52). The course extends through trigonometry and logarithms. Practical problems and methods of computation are stressed.

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➤ **AN ATTEMPT** to find the underlying necessities for mental health among individuals and nations is a book by Andrew Shirra Gibb, **IN SEARCH OF SANITY** (*Farrar & Rinehart*, \$5.). Here is food for thought

in a world which seems to find this search all too difficult.

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Books of the Week

AN OUTLINE OF ORGANIC NITROGEN COMPOUNDS—Ed. F. Degering and others—*John S. Swift*, 381 p., \$6. Planographed.

AERONAUTICS IN THE INDUSTRIAL ARTS PROGRAM: A Handbook for Students and Teachers (Air-Age Education Series) — Gordon O. Wilber and Emerson E. Neuhardt—*Macmillan*, 252 p., illus., 92c.

A. S. T. M. STANDARDS ON TEXTILE MATERIALS—A. S. T. M. Committee D-13—*American Society for Testing Materials*, 408 p., illus., \$2.25.

BIOLOGICAL INVESTIGATIONS WITH RADIOACTIVE CALCIUM AND STRONTIUM: Preliminary Report on the Use of Radioactive Strontium in the Treatment of Metastatic Bone Cancer—Charles Pecher—*Univ. of California Press*, 32 p., plates, 50c.

BUREAU OF CHILD STUDY AND THE CHICAGO ADJUSTMENT SERVICE PLAN — Reprinted from the Annual Report of the Superintendent of Schools—*Board of Education, City of Chicago*, 100 p., illus., limited supply available at 25c each. Telling how instruction in a large school system can be individualized.

CULTURE ELEMENT DISTRIBUTIONS: XXI ROUND VALLEY—Frank Essene—*Univ. of California Press*, 97 p., \$1.00. Anthropological Records, vol. 8, no. 1.

DEVESCOVINID FLAGELLATES OF TERMITES: III. THE GENERA FOAINA AND PARAJONIA—Harold Kirby — *Univ. of California Press*, 78 p., illus., \$1.

EASY TO BUILD MODELS OF FIGHTING PLANES OF THE UNITED NATIONS—designs by Wallis Rigby—*Garden City*, 27 p., \$1.19. Approved by Air Youth, a division of the National Aeronautic Association. The models are perforated in order that they may be pushed out for assembling.

ELEMENTARY SCHOOL SCIENCE FOR THE AIR AGE; A Teacher's Guide (Air-Age Education Series) — Charles K. Arey — *Macmillan*, 145 p., 72c.

EMERGENCY CARE—Marie A. Wooders and Donald A. Curtis, *F. A. Davis*, 560 p., illus., \$3.50.

FIRE PREVENTION EDUCATION—Committee for Fire Prevention Education—*National Board of Fire Underwriters*, 355 p., illus., 85c; 10 to 50 copies, 50c; special rates on quantity orders.

FOOD FOR THOUGHT—Herman F. Willkie and Paul J. Kolachov—*Indiana Farm Bureau, Inc.*, 209 p., illus., \$2. "A treatise on the utilization of farm products for producing farm motor fuel as a means of solving the Agricultural Problem."

THE FOSSIL BIRDS OF CALIFORNIA—Loye Miller and Ida DeMay—*Univ. of California Press*, 95p., \$1.

FREQUENCY MODULATION — August Hund — *McGraw-Hill*, 375 p., \$4. Part of Radio Communications Series.

FUNDAMENTAL ORGANIC CHEMISTRY—Ed. F. Degering and others—*John S. Swift*, 485 p., \$3. Planographed.

GEOGRAPHICAL GUIDE TO FLORAS OF THE WORLD (Part I)—S. F. Blake and Alice C. Atwood—*Gov't Print. Off.*—336 p., 75c.

HANDBOOK OF FROGS AND TOADS OF UNITED STATES AND CANADA — Anna Allen Wright and Albert Hazen Wright — *Comstock*, 286 p., illus., \$3. New edition.

THE HEMORRHAGIC DISEASES AND THE PHYSIOLOGY OF HEMOSTASIS—Armand J. Quick—*Charles T. Thomas*, 340 p., illus., \$5.

MAMMALS OF THE BIG BEND AREA OF TEXAS—Adrey E. Borell and Monroe D. Bryant—*Univ. of California Press*, 61 p., illus., 75c.

MECHANICAL DRAWING — Ervin Kenison and James McKinney, revised by Tom C. Plumridge—*American Technical Society*, 330 p., illus., \$2. New 1943 edition.

ORE DEPOSITS AS RELATED TO STRUCTURAL FEATURES—W. H. Newhouse—*Princeton Univ. Press*, 280 p., illus., \$6.50.

PHYSICAL SCIENCE IN THE AIR AGE: A Teachers' Guide (Air-Age Education Series)—J. G. Manzer, M. M. Peake, and J. M. Leps—*Macmillan*, 198 p., illus., 80c.

REACTION OF TUBES AND OVARIES TO INDUCED VASCULAR SPASM — Paul G. Fuerstner—*Univ. of California Press*, 11 p., illus., 25c.

REGIONAL RESOURCE DEVELOPMENT—Alvin H. Hansen and Harvey S. Perloff—*National Planning Association*, 40 p., 25c. Planning Pamphlets, no. 16.

SCIENCE OF PRE-FLIGHT AERONAUTICS FOR HIGH SCHOOLS (Air-Age Education Series) — Aviation Education Research Group, Teachers College, Columbia Univ. — *Macmillan*, 868 p., illus., \$1.32.

SECRETS OF VOICE PRODUCTION, SELF-TAUGHT—Edwin Hopkins—*Edwin Hopkins*, 112 p., 75c., boards, \$1.25. Correction.

SEMIMICRO LABORATORY EXERCISES IN GENERAL CHEMISTRY — J. Austin Burrows, Paul Arthur, and Otto M. Smith—*Macmillan*, 337 p., \$2.50. Loose-leaf, paper bound manual.

A TEACHERS MANUAL FOR ELEMENTS OF PRE-FLIGHT AERONAUTICS FOR HIGH SCHOOLS (Air-Age Education Series)—Aviation Research Group, Teachers College, University of Nebraska—*Macmillan*, 113 p., 48c.

A TEACHERS MANUAL FOR SCIENCE OF PRE-FLIGHT AERONAUTICS FOR HIGH SCHOOLS (Air-Age Education Series)—edited by George Franklin Stover—*Macmillan*, 248 p., 80c.

TEXTILE PERIODS IN ANCIENT PERU: II PARACAS CAVERNS AND THE GRAND NECROPOLIS—Lila M. O'Neale—*Univ. of California Press*, 64 p., illus., 75c.

YUOK NARRATIVES—Robert Spott and A. L. Kroeber—*Univ. of California Press*, 120 p., \$1.25. One of the Univ. of California publications in American archaeology and ethnology.

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