

Force—Gov't. Printing Office, Vol. I: 648 p., illus.; Vol. II: 651 p., illus.; Set: \$8.50. A report of a special team of experts from the U. S. Air Forces who visited nearly every university, laboratory and military installation where medical research in support of the Luftwaffe was carried out.

HEALTH INSTRUCTION YEARBOOK 1950—*Oliver E. Byrd, Compiler—Stanford University Press, 270 p., illus., \$3.50.* Presents findings of the latest research during the past year.

HOW TO DEVELOP YOUR THINKING ABILITY—*Kenneth S. Keyes, Jr.—McGraw-Hill, 246 p., illus., \$3.50* Some practical ideas on how to develop clear thinking. 81 cartoons illustrate these ideas.

MATHEMATICS TO USE—*Mary A. Potter and others—Ginn, 501 p., illus., \$2.40.* A junior-high school text.

THE MINERAL INDUSTRIES OF NEW YORK STATE Department of Commerce—*Division of Commerce and Industry, State of New York, 108 p., illus., paper, free upon request to publisher, 112 State St., Albany 7, N. Y.*

REPTILES AND AMPHIBIANS OF THE NORTHEASTERN STATES—*Roger Conant—Zoological Society of Philadelphia, 40 p., illus., paper, \$1.00* (Plus 10 cents for postage). A non-technical resume of the snakes, lizards, turtles, frogs, toads and salamanders of the area.

A REVISION OF THE GEOMETRID GENUS *SERICOSEMA* (LEPIDOPTERA)—*Frederick H. Rindge—American Museum of Natural History, 30 p., illus., paper, 25 cents.*

A REVISION OF THE NORTH AMERICAN SPECIES OF THE GENUS *SYRRHODIA* (LEPIDOPTERA, GEOMETRIDAE)—*Frederick H. Rindge—American Museum of Natural History, 26 p., illus., paper, 25 cents.*

THE SOLUBILITY OF NONELECTROLYTES—*Joel H. Hildebrand and Robert L. Scott—Reinhold, 3rd ed., 488 p., illus., \$10.00.* An advanced college text brought up-to-date.

THE SOUTH AMERICAN HANDBOOK 1950: A Year Book and Guide to the Countries and Resources of South and Central America, Mexico and Cuba—*Howell Davies, Ed.—Trade and Travel Publications (U. S. Distributor; H. W. Wilson), 27th annual edition, 766 p., illus., \$1.50.*

SURVIVAL UNDER ATOMIC ATTACK—National Security Resources Board—*Gov't. Printing Office, 31 p., paper, 10 cents.* Practical suggestions for protection against an atomic attack.

THEORY OF MENTAL TESTS—*Harold Gulliksen—*

Wiley, 486 p., illus., \$6.00. Material included is based on the author's experience at the University of Chicago and Princeton. Written primarily for those working in test development.

TAXONOMIC KEYS: To the Common Animals of the North Central States Exclusive of the Parasitic Worms, Insects and Birds—*Samuel Eddy and A. C. Hodson—Burgess, 123 p., illus., paper, \$2.00.*

UNDERPINNING: Its Practice and Applications—*Edmund Astley Prentis and Lazarus White—Columbia University Press, 2nd ed., 374 p., illus., \$10.00.* A technical description of methods and applications for foundation construction.

WOOD PRESERVATION STATISTICS 1949—*Henry B. Steer—Forest Service, U. S. Dept. of Ag., 31 p., illus., paper, free upon request to publisher, Washington 25, D. C.*

Science News Letter, November 11, 1950

GENERAL SCIENCE

Work of Gibbs, Long Acclaimed in Europe

► THE GENIUS of Josiah Willard Gibbs, American scientist named with two U. S. presidents as one of six new names in New York University's Hall of Fame, has long been acclaimed in Europe.

But Gibbs' name is almost unknown to his countrymen, and even scientists did not recognize his greatness until years after his death.

Henry Adams called this mathematical physicist "the greatest of Americans, judged by his rank in science." Modern chemistry and metallurgy is based upon his discoveries in the laws of heat. He was a professor at Yale University from 1871 until his death in 1903. Yet it was Maxwell, a great Scottish physicist, and later the most learned scientific societies of Europe, who first realized his stature.

Today, nearly 50 years after his death Gibbs is recognized as having revolutionized chemistry. His principles opened the way for the iron and steel of this century, porcelain, cement, synthetic nitrate fertilizers and hundreds of other vital applications of science to modern industry.

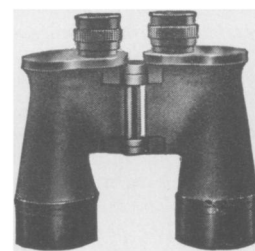
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