

Books of the Week

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ADVANCES IN CATALYSIS AND RELATED SUBJECTS, VOLUME I—W. G. Frankenburg, V. I. Komarevsky and E. K. Rideal, Eds.—*Academic Press*, 321 p., illus., \$7.80. Surveys of different sections of the field, each contributed by a specialist.

THE APPRAISAL OF TERRAIN CONDITIONS FOR HIGHWAY ENGINEERING PURPOSES—*Highway Research Board*, 91 p., illus., paper, \$1.50. Describes modern techniques such as use of air photographs and evaluation of the vegetation.

THE ATMOSPHERES OF THE EARTH AND PLANETS—Gerard P. Kuiper, Ed.—*University of Chicago Press*, 366 p., illus., \$7.50. A group of technical papers presented at the 50th Anniversary Symposium of the Yerkes Observatory.

AVIATION MEDICINE IN ITS PREVENTIVE ASPECTS: An Historical Survey—John F. Fulton—*Oxford*, 174 p., illus., \$3.50. Intended to aid the general reader in understanding the origins of this new field.

COSMIC RAY PHYSICS—D. J. X. Montgomery—*Princeton University Press*, 370 p., illus. \$5.00. A survey of work done up to the present for the student who already has intermediate or advanced training in other branches of physics.

DISCOVERERS FOR MEDICINE—William H. Woglom—*Yale University Press*, 229 p., illus., \$3.75. The romantic stories of great medical discoveries that were made by individuals who were not medical scientists, including the singing teacher who devised the laryngeal mirror and the statesman who invented bifocal spectacles.

DOCTORS OF INFAMY: The Story of the Nazi Medical Crimes—Alexander Mitscherlich and Fred Mielke, Translated by Heinz Norden with statements by Andrew C. Ivy, Telford Taylor and Leo Alexander—*Schuman*, 172 p., illus., \$3.00. Testimony and documents reported by the head of the German Medical Commission to Military Tribunal No. 1, Nuremberg.

ENGINEERING THE NEW AGE—John J. O'Neill—*Ives Washburn*, 320 p., \$3.50. A science writer presents his own ideas on how man can make the most of the "new age" that he will soon be living in.

AN EXPERIMENTAL STUDY OF SUBMARINE SAND BARS—Garbis H. Keulegan—*Beach Erosion Board*, 40 p., paper, free on request to publisher, Office of Chief of Engineers, Department of the Army, Washington 25, D. C.

THE FACE OF THE MOON—Ralph B. Baldwin—*University of Chicago Press*, 239 p., illus., \$5.00. The study of the moon, says the author, gives us a mirror with which to study our own earth.

FIFTH REPORT TO CONGRESS ON ASSISTANCE TO GREECE AND TURKEY FOR THE PERIOD ENDED SEPTEMBER 30, 1948—U. S. Department of State—*Govt. Printing Office*, 36 p., illus., paper, 15 cents. Showing the extent and kind of military aid rendered.

GEOLOGY AND ORIGIN OF SOUTH PARK, COLORADO—J. T. Stark and others—*Geological*

Society of America, 188 p., illus., \$3.75. Report on an extensive, strikingly flat basin framed by strongly contrasting, rugged mountains.

GEOPHYSICAL CASE HISTORIES, VOLUME I, 1948—L. L. Nettleton, Ed.—*Society of Exploration Geophysicists*, 671 p., illus., \$7.00. Reports by 61 authors of geophysical explorations representing a sharing of experiences on the part of many experts and companies.

HOMING PIGEONS—Herbert S. Zim—*Morrow*, 63 p., illus., \$2.00. A book for children and their elders with practical information on how to raise, keep, and race pigeons. Engaging drawings by James Gordon Irving.

THE LITERATURE ON STREPTOMYCIN 1944-1948—Selman A. Waksman—*Rutgers University Press*, 112 p., \$3.00. A bibliography of 1171 entries and author and subject index. Includes also the text of the first official announcement of the isolation of streptomycin.

MINERALS AND HOW TO STUDY THEM—Edward Salisbury Dana and revised by Cornelius S. Hurlbut, Jr.—*Wiley*, 3d ed., 323 p., illus., \$3.90. For the amateur collector of rocks and other beginners in mineralogy.

NEW TECHNIQUE FOR WASTE PICKLE LIQUOR NEUTRALIZATION—Richard D. Hoak and Charles J. Sindlinger—*Mellon Institute*, 6 p., paper, free upon request to publisher at University of Pittsburgh, Pittsburgh 13, Pa.

AN OCEAN WAVE MEASURING INSTRUMENT—*Beach Erosion Board*, 28 p., illus., paper, free upon request to publisher, Office of the Chief of Engineers, Department of the Army, Washington 25, D. C.

PREHISTORY AND THE MISSOURI VALLEY DEVELOPMENT PROGRAM: Summary Report on the Missouri River Basin Archaeological Survey in 1947—Waldo R. Wedel—*Smithsonian Institution*, 52 p., illus., paper, 55 cents.

SAFEGUARDING MOTHERHOOD—Sol T. DeLee—*Lippincott*, 135 p., illus., \$2.00. Clear information for the pregnant woman who wants to know the anatomical and physiological details of her condition, together with advice on pre-delivery and post-delivery care. The drawings are especially clear.

STRATIGRAPHY AND FAUNA OF THE AGUA SALADA GROUP, STATE OF FALCON, VENEZUELA—H. H. Renz—*Geological Society of America*, 219 p., illus., \$2.75. A region of clays forming low, rolling hills covered with dry scrub along the coast and with dense tropical forest inland.

THYROID FUNCTION AS DISCLOSED BY NEWER METHODS OF STUDY—J. H. Means, Ed.—*New York Academy of Sciences*, 228 p., illus., paper, \$3.00. New disclosures have been made possible through such means as tracer studies with radioactive iodine, techniques of enzyme chemistry and phylogenetic approach.

WORLD PHILOSOPHY: A Search for Synthesis—Oliver L. Reiser—*University of Pittsburgh Press*, 127 p., \$2.50. Developing the philosophical theory of scientific humanism—and attempt to see things together as a whole.

YOUR CHILD FROM 6 TO 12—Children's Bureau—

Govt. Printing Office, 141 p., illus., paper, 20 cents. A readable book giving parents information and expert advice on the care and upbringing of their young children—how to keep them healthy and happy and prepare them for independent living.

YOUR TEETH—HOW TO SAVE THEM—Herbert Tahraes—*Public Affairs Committee*, 32 p., illus., paper, 20 cents. Useful, practical information in readable style.

Science News Letter, February 26, 1949

CHEMISTRY

Whole Eggs Have Been Preserved by Freezing

► PRESERVING whole eggs by freezing, a hitherto impossible process, has been achieved at Louisiana State University in Baton Rouge, La., by Dr. Socrates A. Kaloyereas. The trick is to extract enough of the eggs' water content, by a combination of vacuum and dehydrating agents, to permit the expansion of yolk and white that occurs upon freezing, and thus avoid rupturing and generally "messing up" the eggs.

Dr. Kaloyereas presents a preliminary report on his results in *SCIENCE* (Feb. 18), and states that complete details will be published elsewhere in the near future.


Science News Letter, February 26, 1949

Science Service Radio

► LISTEN in to a discussion on "Conserve or Perish" on "Adventures in Science" over the Columbia Broadcasting System at 3:15 p.m. EST, Saturday, March 5. Dr. Paul B. Sears, professor of botany and head of the department at Oberlin College, Oberlin, O., and Dr. William Vogt, chief of the Conservation Section of the Pan-American Union in Washington, D. C., in addition to winners of the Eighth Annual Science Talent Search, will be guests of Watson Davis, director of Science Service. As a part of the Science Talent Institute being attended by the high school winners, Drs. Sears and Vogt will join in a discussion of the important problem of how to keep the world fed and yet save the world from wasting its forests, soils, water and wild life.

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