

gineers to think them up, design them and then get them produced. We will not have those scientists, technicians and engineers unless we send to college those most qualified to go."

Getting back to the thousands of job classifications for which the Armed Forces must find the men, Dr. Trytten pointed out that many of them call for a technical or a college education.

"These men who gain the right to go to college as a result of their standing in the tests or in their classes," he said, "do not thereby necessarily escape military service. They are available to the Armed Forces

after they have completed their education. And the Armed Forces will be much happier with an educated man than with one whose education they have to complete.

"There can be no such thing as Universal Military Service," Dr. Trytten said. "By the very nature of the problem this country has to solve to defend itself, each citizen will have to do the job for which he is most capable. This means that, for some, their duty—not their privilege—will be to work in a laboratory, for others to work on an assembly line, and for others to use the superior weapons and techniques their brothers perfect."

Science News Letter, June 9, 1951

Books of the Week

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AIRCRAFT JET POWERPLANTS—Franklin P. Durham—*Prentice-Hall*, 326 p., illus., \$6.65. A college textbook for students with some knowledge of thermodynamics and fluid mechanics. There is special emphasis on the gas turbine.

ALCOHOLISM AND SOCIAL STABILITY—Robert Straus and Selden D. Bacon—*Hillhouse Press*, Reprint, 30 p., paper, 50 cents. Reprinted from *Quarterly Journal of Studies on Alcohol*. A study of occupational integration in 2,023 male clinic patients.

THE CHEYENNE IN PLAINS INDIAN TRADE RELATIONS 1795-1840—Joseph Jablow—*Augustin*, 100 p., illus., \$2.50. This is Monograph XIX of the American Ethnological Society. Discusses tribal interrelationships as affected by a trading economy.

COLOR IS HOW YOU LIGHT IT—*Sylvania Electric Products, Inc.* 2d ed. 24 p., illus., paper, 50 cents. A simplified lighting guide for commercial and home decoration which analyzes how colors look under different lights.

DATE CULTURE IN THE UNITED STATES—Roy W. Nixon—*Govt. Printing Office*, Revised ed. 57 p., illus., paper, 25 cents. Survey of the problems and methods of date growing in the United States.

DISEASES IN OLD AGE—Robert T. Monroe—*Harvard Univ. Press*, 407 p., \$5.00. No. 11 in the Harvard Univ. series of monographs in Medicine & Public Health. A clinical and

pathological study of 7941 individuals over 61 years of age.

THE EARLY ARABIAN NECROPOLIS OF AIN JAWAN, A PRE-ISLAMIC AND EARLY ISLAMIC SITE ON THE PERSIAN GULF—Richard LeBaron Bowen, Jr.—*American Schools of Oriental Research*, 70 p., illus., paper—\$1.75, board—\$2.00. Constitutes Bulletin Supplementary Studies Nos. 7-9. Reports archaeological findings.

FUTURE TEACHERS OF AMERICA (ELEVENTH YEARBOOK—1951)—*National Education Association of the United States*—292 p., illus., paper, \$1.00. The major portion is devoted to a listing by states of all chapters and clubs connected with the National Education Association.

THE IMPORTANCE OF THE GRAIN DISTILLING INDUSTRY TO OUR NATIONAL FEED AND FOOD ECONOMY—*Distillers Feed Research Council, Inc.*, 32 p., illus., paper, free upon request to publisher, 1232 Enquirer Bldg., Cincinnati 2, Ohio. Graphic illustrations of the role of the grain distilling industry in our economy.

THE KANGAROO RATS (DIPDOMYS) OF BAJA CALIFORNIA, MEXICO—Laurence M. Huey—*San Diego Society of Natural History*, 51 p., illus., paper, 70 cents. TRANSACTIONS, Vol. XI, No. 10., pp. 205-256. Study made from representative collections of kangaroo rats.

MOBILIZATION GUIDE FOR SMALL BUSINESS—Defense Production Administration—*Govt. Printing Office*, 31 p., paper, 10 cents, Rm. 6225, Main Commerce Bldg., Dept. of Commerce, Washington 25, D. C. Designed to help small businessmen locate government services and share in defense orders and in obtaining consumer materials.

PERFORMANCE STANDARDS FOR RAYON FABRICS—Jules Labarthe, Jr.—*Mellon Institute*, Reprint, 3 p., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. Reprinted from May 1951 issue of *Stores*.

PETROLEUM FACTS AND FIGURES—*American Petroleum Institute*, 9th ed., 491 p., illus., paper, \$2.50. A compendium of statistics on sales, prices, exports, production, etc.

A PILOT-PLANT STUDY OF THE NEUTRALIZATION OF ACID DRAINAGE FROM BITUMINOUS COAL MINES—S. A. Braley, Sr.—*Mellon Institute*,

14 p., illus., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. Of interest to those concerned with the problem of controlling stream contamination by coal-mine drainage.

THE SHOVEL-NOSED SNAKE, CHIONACTIS WITH DESCRIPTIONS OF TWO NEW SUBSPECIES—Laurence M. Klauber—*San Diego Society of Natural History*, 63 p., illus., paper, 85 cents. TRANSACTIONS, Vol. XI, No. 9, pp. 141-204. A study of the desert snake, *Chionactis*.

SYNTHESIS OF ELECTRONIC COMPUTING AND CONTROL CIRCUITS—Computation Laboratory Staff—*Harvard Univ. Press*, 278 p., illus., \$8.00. This is Vol. 27 of The Annals of the Computation Laboratory of Harvard University. The design of digital computing machinery receives special emphasis. For the engineer, physicist, mathematician and logician.

THERMODYNAMICS OF FLUID FLOW—Newman A. Hall—*Prentice-Hall*, 278 p., illus., \$7.35. This is a textbook for students who have some background in the fundamentals of fluid mechanics and thermodynamics. Major emphasis is on theory.

THE VOGDES COLLECTION OF TRILOBITES—B. F. Howell—*San Diego Society of Natural History*, 71 p., illus., paper, \$1.00. TRANSACTIONS, Vol. XI, No. 11, pp. 257-328. An annotated list of General Vogdes' collection of fossils.
Science News Letter, June 9, 1951

A new cattle-vaccine laboratory in Brazil will specialize in vaccines for hoof-and-mouth disease.

When the mule deer senses danger it raises its head and swings its huge ears around like a scanning radar antenna.

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Early in the 19th century, sea captains visiting the Pacific Galapagos islands, took on board a hundred or more of the giant tortoises found there, kept them for months without food or water, and used them for food.

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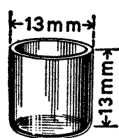
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