

Books of the Week

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AMERICAN GOVERNMENT TODAY—Ernest B. Fincher, John H. Ferguson, and Dean E. McHenry—*McGraw*, 583 p., illus., \$5.00. A high-school text intended as ammunition in the war against totalitarianism.

AMERICA'S WEAPONS OF PSYCHOLOGICAL WARFARE—Robert E. Summers, Ed.—*Wilson*, 206 p., \$1.75. A round-up of information on American strategy in the cold war.

THE ATTITUDE THEORY OF EMOTION—Nina Bull—*Nervous and Mental Disease Monographs*, No. 81, 159 p., illus., \$6.00. This theory of attitude as mediator in the body-mind relationship is accompanied by accounts of psychological experiments, a discussion by a neurologist of the physiologic evidence for the theory, and an account of earlier studies and theories.

BOILER FEED WATER TREATMENT—F. J. Matthews—*Chemical Pub. Co.*, 3rd ed., 207 p., illus., \$4.50. Incorrect treatment will inevitably give rise to a multitude of operating troubles—notably scale formation, corrosion and priming.

CONSERVATION: A Handbook for Teachers—Wilson F. Clark and others—*New York State College of Agriculture*, Cornell Rural School Leaflet Vol. 45, No. 1, 64 p., illus., paper, 20 cents. Simple experiments on such subjects as mapping, the effect of shade and moisture on temperature, and soil properties, together with study outlines and bibliography, should help the rural teacher present this important subject.

EMPLOYMENT, EDUCATION, AND EARNINGS OF AMERICAN MEN OF SCIENCE—*Govt. Printing Office*, Dept. of Labor Publication No. 1027, 48 p., illus., paper, 45 cents. More leading scientists are employed in educational institutions than in any other type of employment, although salary levels are considerably lower there than in government or private industry.

THE FACE OF WAR—Charles Jones and Eugene Jones—*Prentice-Hall*, 166 p., illus., \$5.00. Photographs, by the twin photographers, and text show what life is really like for UN soldiers in Korea.

FOSSIL LIZARDS OF THE WEST INDIAN GENUS *ARISTELLIGER* (GEKKONIDAE)—Max K. Hecht—*American Museum of Natural History*, 33 p., illus., paper, 25 cents.

GENETICS AND THE ORIGIN OF SPECIES—Theodosius Dobzhansky—*Columbia University Press*, 3rd ed., revised, 364 p., illus., \$5.00. "The long pageant of evolution extending over one billion years appears to have been brought about by fundamental causes which are still in operation and which can be experienced with today."

A GUIDE TO THE INDIAN TRIBES OF OKLAHOMA—Muriel H. Wright—*University of Oklahoma Press*, 300 p., illus., \$5.00. Sixty-seven tribes, of which only 29 are still listed by the U. S. Indian agencies as being represented in Oklahoma today, are described. The author is granddaughter of a Choctaw chief.

HOW INDUSTRY IS SOLVING ITS PACKAGING PROBLEMS—*American Management Association*, 39

p., paper, \$1.25. Papers by men from several different companies telling how specific packaging problems have been approached and solved.

INTERPRETATION OF AEROMAGNETIC MAPS—V. Vacquier and others—*Geological Society of America*, 151 p., illus., \$2.25. Now that magnetic surveys can be made with speed, their interpretation by this method may tell geologists more about the structure of the earth's crust and help them solve specific regional problems.

INVENTIONS AND THEIR MANAGEMENT—Alf K. Berle and L. Sprague de Camp—*International Textbook Co.*, 3rd ed., 742 p., illus., \$7.50. Third edition of a book planned to guide inventors.

JANE'S ALL THE WORLD'S AIRCRAFT: 1951-1952—*McGraw*, 468 p., illus., \$20.00. Information on the air forces, civil aviation, and aircraft industries of all nations.

LEGISLATION FOR PRESS, FILM AND RADIO: Comparative Study of the Main Types of Regulations Governing the Information Media—Fernand Terrou and Lucien Solal—*UNESCO*, 420 p., \$2.00. An account of provisions in national laws and constitutions for the protection of freedom of speech and press and showing how, as in the case of Argentina, excellent constitutional expressions of the principle of liberty have been negated or attenuated by government action.

MANAGEMENT PLANNING UNDER MOBILIZATION—*American Management Association*, 44 p., \$1.25. Includes a paper by General McNarney.

MILITARY PACKAGING REQUIREMENTS: Outlook for Materials and Equipment—*American Management Association*, 60 p., paper, \$1.25. Papers on various aspects of this subject presented at the Packaging Conference last spring, together with the discussions.

NEW PERSPECTIVES ON THE ADMINISTRATOR'S JOB—*American Management Association*, 35 p., \$1.25. A round-table discussion and papers on problems of Administration in a Democratic Society, and Management Planning.

PLANTS OF BIG BEND NATIONAL PARK—W. B. McDougall and Omer E. Sperry—*Govt. Printing Office*, 209 p., illus., paper, \$1.00. Pictures and descriptions will help visitors to this park on the Rio Grande identify the plentiful and varied vegetation.

PRELIMINARY NOTE ON THE TAXONOMY OF CANADA GESE, *BRANTA CANADENSIS*—Jean Delacour—*American Museum of Natural History*, 10 p., 25 cents. This well-known species presents many taxonomic difficulties; twelve sub-species are recognized here.

PROCESSING OKRA SEED FOR OIL RECOVERY—C. Ray Holbrook, Jr., and A. Cecil Wamble—*Texas Engineering Experiment Station*, 11 p., illus., paper, free upon request to publisher, College Station, Texas. A cottonseed oil mill, slightly modified, will process okra seed.

REFERENCE BOOK OF INORGANIC CHEMISTRY—Wendell M. Latimer and Joel H. Hildebrand—*Macmillan*, 625 p., illus., \$5.00. Brought up to date by a discussion of the heavier ele-

ments, nuclear fission, pile reactors, radioisotopes, etc.

WHAT'S NEW IN FARM SCIENCE—*University of Wisconsin Agricultural Experiment Station*, Part Two of Annual Report, 108 p., illus., paper, 10 cents. Advances in soil management, pasture and hay, livestock and poultry, and other agricultural fields not discussed in part one.

Science News Letter, December 22, 1951

VETERINARY MEDICINE

Bull's Eye Made—Artificial and Plastic

► A HEREFORD show bull in West Virginia will soon be sporting an artificial plastic eye made from special prescription by the American Optical Company, Southbridge, Mass.

In a fight with another bull, the bull's eye was ruptured. The plastic eye, largest made by the same technique as human artificial eyes, will improve the animal's appearance at fairs.

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MEDICINE

Plenty of Insulin Assured for Disasters

► IN THE event of atomic bombing or other similar major disaster, there will be enough insulin to keep alive the diabetics in the population.

This reassurance comes from the Committee on Emergency Medical Care of the American Diabetes Association, Inc.

Present inventories of insulin in this country are at an all time high level and are enough to meet anticipated needs for at least two years. But civil defense authorities must prepare plans for moving supplies from one area to another where needed in case of disaster, the committee states.

The diabetes association, in a report to the JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (Dec. 1), states that in addition to provision for insulin, care of diabetics in a mass disaster requires the following: training of every diabetic to care for himself; training of dietitians and dietitian aids to help diabetics get and eat the right diet, take their insulin and test urine for sugar; provision, particularly in case of rationing, of suitable food supplies for diabetic diets.

Diabetics themselves, because of their knowledge of the use of hypodermic needles and syringes, can be "invaluable in caring for other diabetics and as auxiliary nursing aids," the committee report points out.

Suggested directions to be given diabetics as part of the national civil defense preparedness program include the advice that diabetics should always carry with them identification showing they are diabetics.

Every diabetic taking insulin, the directions state, should have his usual one extra bottle in addition to current needs and one extra insulin syringe with two needles.

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