

1950 FACTS ABOUT NURSING: A Statistical Summary—*American Nurses' Association*, 103 p., paper, 50 cents.

NINTH SEMI-ANNUAL REPORT OF THE ATOMIC ENERGY COMMISSION—Atomic Energy Commission—*Govt. Printing Office*, 158 p., paper, 40 cents. Contains a section on civil defense.

ONE-WAY STREETS—*Highway Research Board*, 31 p., paper, 60 cents. A panel discussion.

OUTLINE OF UPLAND GAME BIRD MANAGEMENT—Elizabeth B. Beard and Warren W. Chase—*Overbeck Co.*, 143 p., paper, \$3.00. Fourth of a series of teaching aids in wild life management from the School of Natural Resources, University of Michigan.

OUTLOOK FOR DEVELOPMENT OF A TUNA INDUSTRY IN THE PHILIPPINES—Herbert E. Warfel—*Govt. Printing Office*, 37 p., illus., paper, 20 cents. Tuna resources represent the largest opportunity for the expansion of the fisheries of that nation based on a two and a half year study.

PICTURE ENCYCLOPEDIA, *Research Book Co.*, 162 p., illus., paper, \$25.00. The 24,000 illustrations are arranged in groups intended to be helpful to puzzle contestants.

THE PRACTICE OF SANITATION—Edward S. Hopkins and Francis B. Elder—*Williams and Wilkins*, 423 p., illus., \$7.50. A textbook for students in sanitary engineering.

THE PRECERAMIC HORIZONS OF NORTHEASTERN OKLAHOMA—David Albert Baerreis—*University of Michigan Press*, 121 p., illus., paper, \$1.00. Describing three periods parallel at least in part to the Ozark Bluff-Dweller culture.

THE PRINCIPLES OF CLOUD-CHAMBER TECHNIQUE—J. G. Wilson—*Cambridge University Press*, 131 p., \$2.75. Technical book for scientists who plan to use cloud chambers.

THE PRINCIPLES OF HEREDITY—Laurence H. Snyder—*Heath*, 4th ed., 515 p., illus., \$4.75. Brought up to date by extensive revision and rewriting.

PROCEEDINGS OF THE INDIANA ACADEMY OF SCIENCE—Alton A. Lindsey, Ed.—*State Library*, Indianapolis, Ind., 309 p., illus., paper, \$3.00.

RED CROSS HOME NURSING: Civil Defense Supplement—*American National Red Cross*—10 p., paper, free upon request to publisher. What you can do in case of an atomic bomb attack.

REPORT OF THE CHIEF OF THE BUREAU OF ANIMAL INDUSTRY: AGRICULTURAL RESEARCH ADMINISTRATION, 1950—B. T. Simms, Chief—*Gov't. Printing Office*, 105 p., paper, 25 cents.

REPORT ON THE PROGRESS AND CONDITION OF THE UNITED STATES NATIONAL MUSEUM FOR THE YEAR ENDED JUNE 30, 1950—Smithsonian Institution—*Govt. Printing Office*, 141 p., paper, available from Smithsonian Institution.

THE RISE OF SCIENTIFIC PHILOSOPHY—Hans Reichenbach—*University of California Press*, 330 p., \$3.75. Intended to show that philosophy has proceeded from speculation to science.

SNOWY: The Story of a Polar Bear Cub—Jan Vlasak and Josef Seget—*Henry Schuman*, 87 p., illus., \$2.50. The story is told in charming photographs of a very young cub at the Prague zoo in Czechoslovakia under German occupation when breeding of the precious animals had to be kept up at home.

STATEMENT ON RACE—Ashley Montagu—*Henry Schuman*, 172 p., \$2.00. An extended discussion in plain language of the famous UNESCO declaration.

A STRUCTURAL-EFFICIENCY EVALUATION OF TITANIUM AT NORMAL AND ELEVATED TEMPERATURES—George J. Heimerl and Paul F. Barrett—*National Advisory Committee for Aeronautics*, Technical Note 2269, 16 p., paper,

AERONAUTICS

New Use for Helicopters

► HELICOPTER take-offs and landings on a relatively small platform over the deck near the stern on a 10,000-ton ocean vessel are being made in the English Channel, it was revealed in London. The purpose is to determine the possibility of using helicopters to protect convoys on the ocean against enemy submarines.

The idea is that helicopters based on merchant ships might be used to defend convoys against submarines, making it unnecessary to have an aircraft carrier vessel accompany each convoy. The helicopters would take off from the deck of the merchant vessel and search the sea-lanes near the convoy for underwater enemy craft.

The trials being made in the English Channel are with a fleet supply ship on which a strengthened steel platform has been constructed near the stern. The helicopter in use is the S.51. Its whirling rotor blades, with their span of about 50 feet,

free upon request to publisher, Washington.

UNESCO: Five Years of Work—*U. S. National Commission For UNESCO*, 18 p., paper, free upon request to publisher, U. S. Department of State.

WATER RESOURCES LAW—*Water Resources Policy Commission*—Govt. Printing Office, 777 p., paper, \$2.25. Volume three of the Commission's Report to the President.

THE WHITE CONTINENT: The Story of Antarctica—Thomas R. Henry—*Sloane*, 257 p., \$3.75. The author, who is a newspaper writer, accompanied the Navy expedition "High Jump" under Admirals Byrd and Cruzen.

WORKBOOK FOR WEATHER FORECASTING—E. S. Pulk and E. A. Murphy—*Prentice-Hall*, 66 p., illus., paper, \$5.00. To aid the student in applying his theoretical knowledge. Contains a packet of maps.

YOUR BLOOD PRESSURE AND YOUR ARTERIES—Alexander L. Crosby—*Public Affairs Committee, Inc.*, 31 p., illus., paper, 20 cents. Precautions against and rules for the care of hypertension.

Science News Letter, March 3, 1951

actually overhang parts of the flight platform when the aircraft is on it.

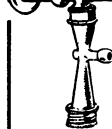
Considerable skill is required to land a helicopter on such a small platform, particularly in a rough sea. Tests have been carried out in all sorts of weather and safe landings have been made under heavy pitching and rolling.

The helicopters proposed for use for this purpose would carry small bombs and depth charges, or a number of sono-buoys. These buoys are dropped in the water to pick up vibrations from deep sea submarines equipped with schnorkel "breathing tubes" which enable them to remain under water for long periods.

Science News Letter, March 3, 1951

Carbon monoxide, the poisonous gas resulting from incomplete burning of materials containing carbon, is eventually converted in the atmosphere into harmless carbon dioxide.

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