

Books of the Week

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. Ask for free publication direct from issuing organizations.

ARTIFICIAL INSEMINATION IN LIVESTOCK BREEDING—A. H. Frank—*Gov't. Printing Office*, U. S. Dept. of Ag. Circ. No. 567, 71 p., illus., paper, 25 cents. States the advantages, difficulties, and limitations of breeding cattle artificially.

THE ATOMIC-MOLECULAR THEORY—Leonard K. Nash—*Harvard University Press*, Case 4, 115 p., illus., paper, \$1.35. A study of some of the pivotal stages in the development of the modern atomic and molecular theory.

CHAIM WEIZMANN: Builder of a Nation—Rachel Baker—*Messner*, 180 p., \$2.75. A biography of the first president of Israel.

HANDBOOK OF HUMAN ENGINEERING DATA FOR DESIGN ENGINEERS—Handbook Staff, Tufts College—*Navy Special Devices Center* (Distributed by Office of Technical Services, U. S. Dept. of Commerce), tech. report no. SDC 199-1-1, 427 p., illus., paper, \$5.00. Three years in preparation, this handbook is a systematic treatise on the science of designing mechanical equipment on the basis of studies of human capabilities.

HUMAN MILK: Wartime Studies of Certain Vitamins and Other Constituents—S. K. Kon and E. H. Mawson—*His Majesty's Stationery Office*, (U. S. Distributor: British Information Services), 188 p., illus., paper, \$1.00. The results of a four-year study.

THE HUMAN SPECIES: A Biology of Man—Anthony Barnett—*Norton*, 280 p., illus., \$3.75. The author's purpose is to relate the main facts of human biology to the social problems of our time.

MEDICAL MYCOLOGY—Frederick Reiss, Conference Chairman—*New York Academy of Sciences*, 192 p., illus., paper, \$2.75. A series of papers concerning fungus research in the light of medical progress. These papers grew out of a conference on Medical Mycology held by the Section of Biology of The New York Academy of Sciences, Oct. 31-Nov. 1, 1947.

MORPHOLOGY AND TAXONOMY OF FUNGI—Ernst Athearn Bessey—*Blackiston*, 791 p., illus., \$7.00. A textbook of mycology, the science which studies fungi. An extensive bibliography covering general works in the field of systematic mycology are included.

MUSEUM BUILDINGS, Vol. I—Laurence Vail Coleman—*American Association of Museums*, 298 p., illus., \$10.00. \$8.00 to American Association of Museums members). A planning study of many museums which are located throughout the United States.

THE NININGER COLLECTION OF METEORITES: A Catalog and A History—H. H. Nininger and Addie D. Nininger—*American Meteorite Museum*, 144 p., illus., \$3.00. A record of 27 years in meteorites.

PARADOXES OF THE INFINITE—Bernard Bolzano—*Yale University Press*, 189 p., illus., \$3.75. Published under the editorship of Dr. Fr. Prihonsky and translated by Donald A. Steele, this book shows some of the insight that Bolzano enjoyed in the most abstract depths of mathematics, science and metaphysics.

PRINTING TYPES AND HOW TO USE THEM—Stanley C. Hlasta—*Carnegie Press*, (Distributing Agent: Rutgers University Press), 304 p., illus., \$7.50. Information on many type faces most commonly used in books, magazines and advertising.

PROCEEDINGS OF THE OHIO HIGHWAY ENGINEERING CONFERENCE 1950—*College of Engineering, The Ohio State University*, 157 p., illus., paper, \$1.00. Held in connection with the Ohio Department of Highways, April 3-6, 1950.

PROPERTIES OF FLAMMABLE LIQUIDS, GASES AND SOLIDS—*Factory Mutual Engineering Division*, 12 p., paper, free upon request to publisher, 184 High St., Boston 10, Mass. A reference booklet. One feature of this work is the listing of more than 650 flammable materials found in industrial plants.

PSYCHOANALYSIS AND RELIGION—Erich Fromm—*Yale University Press*, 119 p., \$2.50. The author discusses the modern issue between traditional religion and the philosophy of psychoanalysis.

STRUCTURAL CARBOHYDRATE CHEMISTRY—E. G. V. Percival—*Prentice-Hall*, 246 p., illus., \$7.35. An advanced college text.

STUDIES IN MENTAL ILLNESS IN THE GOLD COAST—Geoffrey Tooth—*His Majesty's Stationery Office*, (U. S. Distributor: British Information Services), 71 p., illus., paper, 65 cents. A study of juvenile delinquency and the forms of mental illnesses found in the Gold Coast.

TERRAMYCIN—Chester S. Keefer, Conference Chairman—*New York Academy of Sciences*, 240 p., illus., paper, \$3.00. Discussions of the new antibiotic. This series of papers is the result of a Conference on Terramycin held by the Section of Biology of the New York Academy of Sciences on June 16-17, 1950.

A TEXTBOOK OF HISTOLOGY: Functional Significance of Cells and Intercellular Substances—E. V. Cowdry—*Lea & Febiger*, 4th ed., 640 p., illus., \$8.50.

UNRAVELING JUVENILE DELINQUENCY—Sheldon and Eleanor Glueck—*Commonwealth Fund*, 399 p., illus., \$5.00. A research study comparing 500 persistently delinquent boys with five hundred non-delinquent boys in respect to ethnic derivation, age, intelligence quotient and residence in underprivileged areas.

UTILIZATION OF CORNING GRADE CRUDE OIL RESIDUE—Joseph M. Quattlebaum—*College of Engineering, The Ohio State University*, 37 p., illus., paper, 75 cents.

WEEDS: Guardians of the Soil—Joseph A. Cocannouer—*Devin-Adair*, 179 p., illus., \$2.75. Discusses the advantages of the controlled use of weeds.

WORLD DISTRIBUTION OF POLIOMYELITIS 1900-1950—*American Geographical Society*, \$1.25 map folded to size 5 x 7½ inches; \$1.50 flat map 25 x 38 inches. The first of a series of maps showing worldwide distribution of different diseases.

Science News Letter, October 21, 1950

NEW WAY to preserve Science Specimens

Embed in Clear
Liquid Plastic—the
Method Now used by
Leading Universities



Scorpion embedded in Castolite. Human embryo embedded in Castolite. Photos, courtesy School of Medicine, Univ. of Ill.

• The preservation of biological, anatomical, pathological, botanical and other specimens has long been limited to immersion in preservative liquids or to mounting dried samples.

Now, thanks to recent research in the chemical field, a new liquid plastic has been developed which provides the perfect, permanent medium for embedding insects, plants, embryos, mineralogical and other specimens. This new plastic, known as Castolite, has already been tested and approved for specimen preservation by hundreds of the country's most progressive educational institutions, ranging from elementary schools to leading universities, such as Harvard, Yale, M.I.T., Chicago U, Universities of Ill., Wis., Calif. and many others of equal standing.

Army, Navy, Dept. of Agriculture—
Use Castolite

In addition, Castolite is now used for experimental work by important government laboratories, including those of Army, Navy, Depts. of Agriculture and Health, and other leading research organizations.

Considering some fifty available polyester resins, Castolite is by a good margin the clearest and the easiest to process. It is, therefore, the most suitable for use not only by a skilled technician but by the non-technical worker as well. The equipment required is simple and readily available in every laboratory, workshop and home kitchen.

The cured plastic is permanent and will not surface craze in laboratory and classroom atmospheres. Its clarity even in thick sections provides full transparency for visual examination and photography.

Special Booklet on Embedding Technique

"Preserving Specimens in Castolite" is the title of a booklet which is probably the most complete and practical paper ever written on this subject and may be obtained for 50¢. Write for free information today. The Castolite Co., Dept. TC-50, Woodstock, Ill.