

NEW BOOKS ON SCIENCE

Science News Letter presents a comprehensive list of scientific books published or to be published between January 1 and June 30, 1940. All information is believed to be correct but is not guaranteed. Prices are listed where known. Prices marked * are tentative.

Aeronautics

- AERODYNAMICS FOR MODEL AIRCRAFT—Zier Avrum—*Kemp*, \$2.75*.
 AERONAUTICAL DICTIONARY AND REFERENCE LIBRARY—R. Hartley, Jr.—*DeVorss*, \$5.
 AIR POWER—Al Williams—*Coward*, \$2.50.
 AIRCRAFT—Pennsylvania Federal Writers Project—*Whitman*, 50c.
 AIRCRAFT INSTRUMENTS—George E. Irvin—*McGraw*.
 AIRPORTS—John Walter Wood—*Coward*, \$10.
 ARMIES WITH WINGS—James L. H. Peck—*Dodd*, \$2.50.
 THE AVIATION BUSINESS—Elseth E. Freudenthal—*Vanguard*, \$3.
 EXPERIMENTAL AERODYNAMICS—Henry Christensen Pavian—*Pitman*, \$2.50.
 FLIGHT WITHOUT POWER—Lewin B. Barringer—*Pitman*, \$3.50.
 HOW TO FLY A PLANE—H. P. Oldham—*Waverly House*, \$2.50.
 PRACTICAL FLYING IN WAR AND PEACE—A. H. Munday—*Harper*, \$2.50*.
 SIMPLE AERODYNAMICS AND THE AIRPLANE—C. C. Carter—*Ronald*, \$4.50.
 SKY ROADS—Ernest K. Gann—*Crowell*, \$2.
 THE STORY OF FLYING—Archibald Black—*Whittlesey*, \$2.75.
 WIN YOUR WINGS—Vol. I, Primary Aviation Training Manual; Vol. II, Advanced Aviation Training Manual—Roscoe Turner and Jean H. Dubuque—*Drake*, \$3.50 each vol.

Anthropology

- ACCULTURATION IN SEVEN AMERICAN INDIAN TRIBES—Ralph Linton, ed.—*Appleton*, \$4.
 ANCIENT ORIENTAL CYLINDER AND OTHER SEALS WITH A DESCRIPTION OF THE COLLECTION OF MRS. WILLIAM H. MOORE—Gustavus A. Eisen—*U. Chicago*, \$5.
 ANCIENT SEALS FROM THE NEAR EAST—Richard Martin—*Field Mus.*
 THE ANTHROPOLOGY OF IRAQ, Part I, The Upper Euphrates—Henry Field—*Field Mus.*
 COOS MYTH TEXTS—Melville Jacobs—*U. Wash.*
 COSTUMES AND TEXTILES OF THE AZTECAN INDIANS OF THE CUETZALAN REGION, PUEBLA, MEXICO—Donald B. and Dorothy M. Cordry—*Southwest Mus.*, \$1.
 CRANIOMETRY OF NEW GUINEA—Wilfrid D. Hambly—*Field Mus.*, \$2.50.
 DAILY LIFE IN ANCIENT ROME—J. Carocopino—*Yale*, \$4.
 THE DEVELOPMENT OF SOCIAL THOUGHT—Emory S. Bogardus—*Longmans*, \$3.50.
 THE DISCOVERY OF MAN—Stanley Casson—*Harper*, \$3*.
 THE ECONOMIC LIFE OF PRIMITIVE PEOPLES—Melville J. Herskovits—*Knopf*, \$4.50.
 ESSAYS IN POLYNESIAN ETHNOLOGY—Robert W. Williamson, ed. by Ralph Piddington—*Cambridge (Macmillan)*, \$7.
 THE EXCAVATIONS AT DURA-EUROPOS (Preliminary Report of the Seventh and Eighth Seasons of Work)—M. Rostovtzeff, F. E. Brown and C. B. Welles—*Yale*, \$7.50.
 FIJIAN FRONTIER—Laura Thompson—*Inst. of Pacific Relations*, \$2.
 THE GIMILSIN TEMPLE AND THE PALACE OF THE RULERS AT TELL ASMAR—H. Frank-

- fort, S. Lloyd, T. Jacobson and G. Martiny—*U. Chicago*, \$12.
 HAWAIIAN MYTHOLOGY—Martha Beckwith—*Yale*, \$5.
 INDIANS OF THE UNITED STATES—Clark Wissler—*Doubleday*, \$3.75.
 INDIANS OF THE WESTERN GREAT LAKES—W. Vernon Kinitz—*U. Mich.*
 INGALIK MATERIAL CULTURE—C. Osgood—*Yale*, \$4.
 MANKING IN THE MAKING—M. Cathcart Borer—*Warne*, \$1.50.
 MEDINET HABU IV; FESTIVAL SCENES OF RAMSES III—The Epigraphic Survey (Harold H. Nelson, Field Director)—*U. Chicago*, \$35.
 MYTHS AND LEGENDS OF THE LIPON APACHE—Morris E. Opler—*Augustin*, \$3.50.
 PASCUA, A YAQUI VILLAGE IN ARIZONA—Edward H. Spicer—*U. Chicago*, \$3.50.
 PENOBSCOT MAN: The Life History of a Forest Tribe in Maine—Frank G. Speck—*U. Penn.*, \$4.
 A PILLARED HALL FROM A TEMPLE AT MADURA, INDIA, IN THE PHILADELPHIA MUSEUM OF ART—W. Norman Brown—*U. Penn.*, \$2.
 POPULATION CHANGES IN THE RIO GRANDE GLAZE-PAINT AREA—H. P. Mera—*Lab. of Anthropology, Santa Fé*, \$2.
 PREHISTORY IN HAITI—Irving Rouse—*Yale*, \$2.50*.

- THE PREHISTORY OF UGANDA PROTECTORATE—T. P. O'Brien—*Cambridge (Macmillan)*, \$7.50.
 THE PUYALLUP-NISQUALLY—Marian W. Smith—*Columbia U.*, \$5.
 RACE, LANGUAGE AND CULTURE—Franz Boas—*Macmillan*, \$5.
 RACES OF THE WORLD—Ruth Benedict—*Modern Age Bks.*, \$2.50.
 SOCIAL ORGANIZATION OF THE PAPAGO INDIANS—R. M. Underhill—*Columbia U.*, \$3.50.
 SOUTH OF YESTERDAY—Gregory Mason—*Holt*, \$3.
 THE SWAZI—Brian Allen Marwick—*Cambridge (Macmillan)*, \$6.50*.
 A VARIATION OF SOUTHWESTERN PUEBLO CULTURE—Jesse D. Jennings and Georg K. Neumann—*Lab. of Anthropology, Santa Fé*.
 VIKING AND THE RED MAN: The Old Norse Origin of the Algonquin Language—Reider T. Sherwin—*Funk*, \$2.50.
 WE CALLED THEM INDIANS—Flora Warren Seymour—*Appleton*, \$2.
 WESTWARD FROM VINLAND—Hjalmar R. Holand—*Duell, Sloan & Pearce*, \$3.50.

Astronomy

- BIRTH AND DEATH OF THE SUN—G. Gamow—*Viking*, \$3.
 COPERNICUS, The Founder of Modern Astronomy—Angus Armitage—*Norton*, \$3.
 DEFINITIVE ORBITS OF COMETS BARNARD-BROOKS, 1889 I., and VAN BIESBROECK, 1935 d.—George Van Biesbroeck—*U. Chicago*, \$1.



EVERYDAY BIOLOGY

CURTIS - CALDWELL - SHERMAN

Just published—a practical, dynamic course for high-school students, outstanding in appearance and content.

More than 400 stimulating illustrations including a series of handsome, decorative symbolic panels drawn especially for this book.

Unusual authorship of proved ability in teaching and in science.

Continuous definite development of biological principles.

Constant emphasis on opportunities for application of learning in everyday life.

Clear and appealing style.

A wealth of fine teaching aids.

Write for beautiful new descriptive circular No. 739.

\$1.92, subject to discount.

GINN AND COMPANY

Boston New York Chicago Atlanta Dallas Columbus San Francisco

New in Science

Invitation to Experiment Ira M. Freeman, Ph.D.

An ideal presentation of basic science—this book is designed especially for every person, young or old, who has the least curiosity about the world about him. Shows how the seemingly complex aspects of our surroundings obey simple principles—and how you can discover these principles for yourself through easy, entertaining experiments requiring hardly any apparatus beyond the few objects found about the house. Highly readable. Fully illustrated. *Ready, August 1940.* \$2.50

Plants With Personality Patrick Sygne

A noted explorer who has searched the far corners of the earth for rare botanical specimens discusses the gigantic plants of the equatorial zone, sun-lovers of South Africa, water plants, insectivorous plants, fly-pollinated plants, cacti and succulents. A unique and exotic book. Drawings by John Nash, and many plates. \$3.00

Your Career in Agriculture

Homer Paul Andersen

"Guidance toward many profitable and fascinating futures in the broad range of agriculture and allied activities may be found in these pages."—Wheeler McMillen, *Farm Journal*. Illustrated with many photographs. \$2.00

Boys' Book of Insects

Edwin Way Teale

"A very complete guide to the study of insects for beginners written with enthusiasm, clarity and accuracy. Very good."—*Sat. Review of Literature*. Illus. with 31 full page photographs. \$2.00

Principles of Insect Physiology

V. B. Wigglesworth, M.A., M.D., F.R.S.

Unusual and especially valuable for its emphasis on the functions of insect organs and tissues and on the principles and peculiarities of insect organization. 316 line drawings. \$8.00

Unto the Fourth Generation

Gonorrhea and Syphilis: What the Layman Should Know Irving Simons, M.D.

"A book of this type is invaluable in the fight of the medical profession against the venereal diseases."—*Urologic and Cutaneous Review*. "It would be advisable to place this book on the 'must' reading list for those of high school age."—*The Journal of Medicine*. \$2.50

Theoretical Physics

W. Wilson, F.R.S.

This is volume III of a highly valued work. Chapters cover relativity, the cosmological speculations of Einstein and deSitter, the quantum theory, the nature of wave mechanics, quantum dynamics. 23 diagrams. \$5.75

Published by

E. P. Dutton & Co., Inc.
300 4th Ave. New York

THE EARTH AS A CLOCK—H. Spencer Jones—*Oxford U.*, 75c.

LIFE ON OTHER WORLDS—H. Spencer Jones—*Macmillan*, \$3*.

LOOKING AT THE MOON—Pennsylvania Federal Writers Project—*Whitman*, 50c.

THE MASSES OF THE STARS WITH A GENERAL CATALOGUE OF DYNAMICAL PARALLAXES—H. N. Russell and C. E. Moore—*U. Chi.*, \$3.50.

THE PINPOINT PLANETARIUM—Armand Spitz—*Holt*, \$2.

SPECTRA OF LONG-PERIOD VARIABLE STARS—Paul W. Merrill—*U. Chicago*.

THE STAR-GAZER—Zsolt de Harsanyi, tr. by Paul Tabor—*Putnam's*, \$2.75.

SURVEY OF ASTRONOMY—Fisher and Lockwood—*Wiley*.

Biology

ADVANCES AND APPLICATIONS OF MATHEMATICAL BIOLOGY—Nicolas Rashevsky—*U. Chicago*, \$2.

ADVENTURES IN BIOLOGY (Pupil Projects in Biology)—Various authors—*N. Y. Assn. of Biology Teachers*, 50c.

ADVENTURES OF A BIOLOGIST—J. B. S. Haldane—*Harper*, \$3.

ANIMAL BIOLOGY, 2d ed.—R. H. Wolcott—*McGraw*.

APPLIED MYCOLOGY, New ed.—L. D. Gallo-way—*Chem. Pub.*, \$4.

BIOLOGY IN THE MAKING—E. E. Snyder—*McGraw*, \$2.80.

THE CONTROL OF ORGANISMS—F. L. Fitzpatrick—*Teachers Coll., Columbia*, \$2.75.

THE CYTOPLASM—A. Guilliermond—*Chronica Botanica*, \$3.70*.

EVERYDAY BIOLOGY—Francis D. Curtis, Otis W. Caldwell and Nina H. Sherman—*Ginn*, \$1.92.

EVOLUTION OF DIFFERENTIATION—J. C. Willis—*Cambridge (Macmillan)*, \$3.50*.

FUNDAMENTALS OF BIOLOGY, 3d ed.—A. W. Haupt—*McGraw*, \$3.

HIGH SCHOOL BIOLOGY—John W. Ritchie—*World Bk.*

HUMAN BIOLOGY—G. A. Baitsell—*McGraw*.

INDUSTRIAL MICROBIOLOGY—S. C. Prescott and C. G. Dunn—*McGraw*.

LABORATORY DIRECTIONS FOR GENERAL BIOLOGY, 3d ed.—A. W. Haupt—*McGraw*, \$1.

LABORATORY MANUAL OF GENERAL BIOLOGY—Arnold-Duggan—*Mosby*.

LIVING LIGHT (BIOLUMINESCENCE)—E. Newton Harvey—*Princeton*.

LIVING SPECIMENS IN THE SCHOOL LABORATORY—*Gen. Biol. Supply House*, \$1.

LIVING THINGS AND YOU—Elliot R. Downing and Veva M. McAtee—*Lyons*, \$1.80.

MAMMALIAN GENETICS—William E. Castle—*Harvard*, \$2.50.

THE MATERIAL BASIS OF EVOLUTION—R. Goldschmidt—*Yale*, \$5.

THE MICROSCOPE—Roy M. Allen—*Van Nostrand*, \$3.

NATURAL HISTORY INDEX-GUIDE, 2d ed. rev. and enl.—Brent Altsheiler—*Wilson*.

NATURE AND NURTURE, New ed.—Lancelot Hogben—*Norton*, \$2.75.

ORGANISERS AND GENES—C. H. Waddington—*Cambridge (Macmillan)*, \$3*.

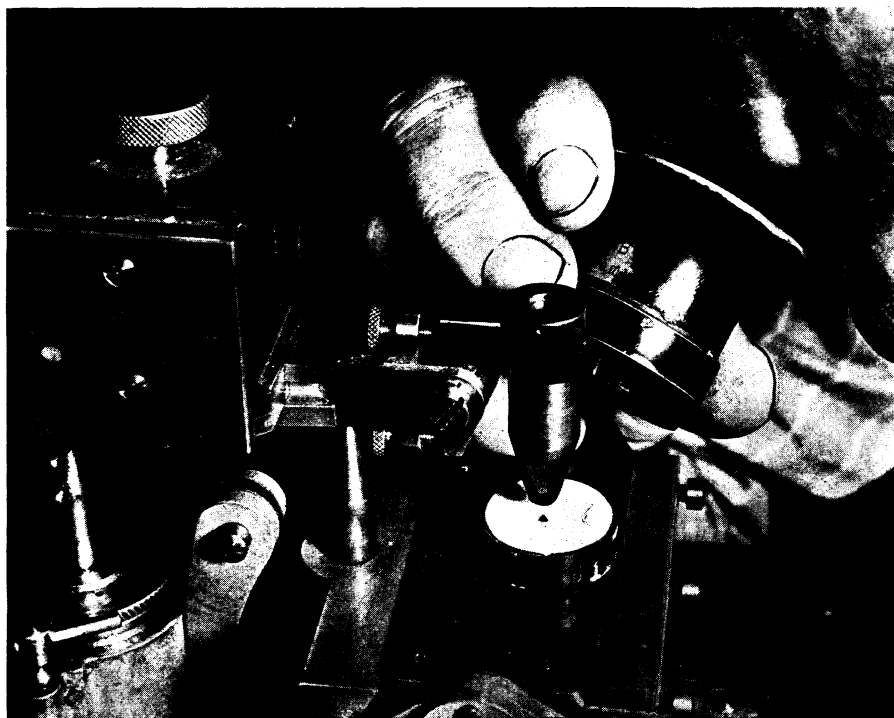
PEDIGREES AND CHECKERBOARDS—E. Fletcher Barrows—*Edwards*, \$1.50.

PLANTS AND INVERTEBRATES—Carl J. Warden and others—*Ronald*.

PRINCIPLES OF GENETICS—White—*Mosby*.

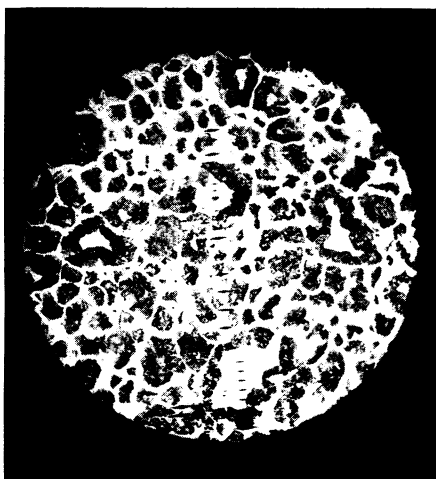
THE PRINCIPLES OF HEREDITY, 2d ed.—Laurence H. Snyder—*Heath*, \$3.50.

A STORY OUTLINE OF EVOLUTION—Charles W. Grimes—*Humphries*, \$2.



HOW HARD?

A tiny diamond that leaves its mark on the hardest materials—even on other diamonds—is mounted in the end of the thick, down-pointed steel "pencil". The operator watches results critically through a strong magnifier. See facing page.



ACCURATE

More accurate testing for hardness of steel and other materials becomes possible through the development of a new diamond indenting tool at the National Bureau of Standards, by Frederick Knoop, C. G. Peters and Walter B. Emerson. A tiny diamond at its tip is cut into a low rhomboidal or "diamond-shaped" pyramid. Pressed against the polished surface of a sample of steel or other material, this leaves marks of corresponding shape, as shown in this photomicrograph. Measurement of their diagonals gives an index of hardness, of greater accuracy than has been obtainable with points of ball, cone, square or other symmetrical shapes. Only relatively light loading (less than a kilogram) is required for these diamond hardness tests. This means that the device can be used on fragile materials like glass, as well as on metals.

- A SURVEY OF BIOLOGY—Parshley—Wiley.
 TEXTBOOK OF PSYCHOBIOLOGY—Franklin G. Ebaugh—Saunders.
 THIS WAY WE CAME: A History of the Rise of the Vertebrates from Pre-Fishes to Man—W. K. Gregory—Crofts.
 UNRESTING CELLS—Ralph W. Gerard—Harper, \$4*.
 THE WORLD UNDER THE SEA—B. Webster Smith—Appleton, \$3.

Botany, Agriculture

- AMERICAN FARMING: AGRICULTURE—Andrew Boss and others—Webb Bk. Pub. Co., St. Paul, \$3.50.
 THE BADIANUS MANUSCRIPT, THE EARLIEST KNOWN AMERICAN HERBAL—Emily W. Emmart, ed.—Johns Hopkins, \$7.50.
 BASIC COURSE IN BOTANY—Raymond J. Pool—Ginn, \$3.75.
 BE YOUR OWN GARDENER—Sterling Patterson—Harper, \$2.50.
 THE BOOK OF GARDEN IMPROVEMENTS—Walter Brett—Fireside, \$3.
 BOUQUETS AND BITTERS; A Gardener's Medley—Julian Rutherford Meade—Longmans, \$2.75.
 CITRUS INDUSTRY, Vol. I—Herbert J. Webber and Leon D. Batchelor—U. Calif.
 COMPETITION AMONG GRAINS—N. Jasny—Food Res. Inst., Stanford U., \$4.
 THE COMPLETE GUIDE TO SOILLESS GARDENING—W. F. Gericke—Prentice-Hall, \$2.75.
 CONSTANCE SPRY'S GARDEN NOTEBOOK—Constance Spry—Knopf, \$2.75.
 DESERT WILD FLOWERS—Edmund C. Jaeger—Stanford, \$3.50.
 EVOLUTION OF LAND PLANTS—Douglas Houghton Campbell—Stanford, \$6.50.
 FARM APPRAISAL—William G. Murray—Iowa State Coll., \$2.25.
 FLORA OF THE AGUAN VALLEY AND THE COASTAL REGIONS NEAR LA CEIBA, HONDURAS—Paul C. Standley—Field Mus.
 FLORAL MORPHOLOGY, Vols. 1 and 2—E. R. Saunders—Chem. Pub., \$1.50 and \$4.25.
 FLORIDA TREES—Ethel Snyder—Geddes Printing House.
 FOREST TREE SEED—H. I. Baldwin—Chronica Botanica, \$3.70*.
 THE GARDEN CLINIC—Laurence Blair—Macmillan, \$2*.
 GARDEN ENCYCLOPEDIA—J. W. Johnston—Random, \$2.50.
 GARDENING FOR FUN—Jean-Marie Consigny and Charles Palmer—Putnam, \$2.50.
 GARDENING FOR FUN, HEALTH AND MONEY—A. Frederick Collins—Appleton, \$2.
 GARDENING WITHOUT SOIL—A. H. Phillips—Chem. Pub., \$2.
 GARDENS AND GARDENING 1940—F. A. Mercer, ed.—Studio, \$4.50.
 GROW YOUR OWN FRUIT—M. G. Kains—Scribner, \$3.50*.
 GROWING PLANTS WITHOUT SOIL, 1940 ed.—D. R. Matlin—Chem. Pub., \$2.
 THE HOME BOOK OF TREES AND SHRUBS—J. J. Levison—Simon, \$3*.
 HOME GARDENING ENCYCLOPEDIA—Walter Brett, ed.—Hearthside Pr., \$2.50.
 AN INTRODUCTION TO POLLEN ANALYSIS—G. Erdtman—Chronica Botanica, \$3.70*.
 JUST WEEDS—E. R. Spencer—Scribner, \$3.
 KEYS TO THE WOODY PLANTS OF IOWA IN VEGETATIVE CONDITION—Harold D. Harrington—U. Iowa, 50c.
 LIVERWORTS OF SOUTHERN MICHIGAN—William C. Steere—Cranbrook, \$1, paper 50c.
 MANUAL OF AQUATIC PLANTS—N. C. Fassett—McGraw.
 MANUAL OF CULTIVATED TREES AND SHRUBS, 2d ed.—A. Rehder—Macmillan, \$10.50*.
 MOUNTAINS IN FLOWER—Colmar Vareschi and Ernst Krause—Macmillan, \$3.
 NORTH AMERICAN CARICEAE—Kenneth K. Mackenzie—N. Y. Botanical Garden, \$17.50, unbound \$15.50.
 ON MEDLOCK FARM—Henry Tetlow—Morrow, \$2.50.
 OUTLINE OF DISEASES OF CEREAL AND FORAGE CROP PLANTS—James G. Dickson—Burgess, \$3.
 THE PHASIC THEORY AND VERNALIZATION—R. O. Whyte—Chronica Botanica, \$3.70*.
 PLANT MICROTECHNIQUE—D. A. Johansen—McGraw.
 PLANTING DESIGN—Florence Bell Robinson—Whittlesey, \$2.75.
 PLANTS WITH PERSONALITY—Patrick Syngé—Dutton, \$3.
 PRACTICAL FARMING FOR BEGINNERS—H. A. Highstone—Harper, \$2.50.
 PRACTICAL POULTRY MANAGEMENT, 4th ed.—Rice and Botsford—Wiley.
 A REVISION OF SALVIA, SUBGENUS CALOSPHEACE—Carl Epling—U. Calif., \$2.50.
 ROCKY MOUNTAIN TREES—R. J. Preston—Iowa State Coll., \$2.
 SOILLESS CULTURE—SIMPLIFIED—Alex Laurie—Whittlesey, \$2.50.

- SOILLESS GROWTH OF PLANTS—Andrew Wing—Doubleday, \$2.
 SPORE DISCHARGE IN LAND PLANTS—C. T. Ingold—Oxford U., \$2.75.
 STUDIES OF AMERICAN PLANTS—IX—Paul C. Standley—Field Mus., 50c.
 TEXTBOOK OF GENERAL HORTICULTURE—J. C. Schilleter and H. W. Richey—McGraw.
 THREE ACRES AND A MILL—Robert Gathorne-Hardy—Macmillan, \$3.
 TREE NEIGHBORS—Russell Doubleday—Doubleday, \$1.75.
 TREES AND SHRUBS FOR LANDSCAPE EFFECTS—Marian Cruger Coffin—Scribner, \$3.

Popular
Scientific
BooksTHE ROAD
TO MODERN
SCIENCE

By H. A. Reason

Affords the reader a unique opportunity to study the development of science from Egypt to modern times. . . . Illustrated. \$3.00

THE AIR AND
ITS MYSTERIES

By C. M. Botley

A noted English scientist summarizes and interprets all of the known facts about the air, the clouds, the weather and all they signify to human life. . . . Illustrated. \$3.00

THE WORLD
UNDER THE SEAA CONCISE ACCOUNT
of the MARINE WORLD

By B. Webster Smith

Here is a vivid and authoritative account of the sea and its animal life. Numerous photographs and drawings enhance its value. \$3.00

At All Booksellers

D. APPLETON-CENTURY COMPANY
35 W. 32nd St., New York

New Stanford Books

DESERT WILD FLOWERS

By Edmund C. Jaeger

This most complete work ever published on the flora of the far Southwestern American deserts also contains an abundance of general natural history material for bird lovers, entomologists, etc. Seven hundred and sixty-four desert plants are described and illustrated in photographs and line drawings. It is all written in the same friendly style that has made Dr. Jaeger's previous book *The California Deserts* (\$2.00) such a popular guide. \$3.50

THE RISE OF EMBRYOLOGY

By Arthur William Meyer

"Embryologists and students of the history of science alike will welcome this well-digested study of the beginnings of one of the most important of the biological sciences . . . That a work so erudite should be so readable is in itself a triumph."—*Science News Letter*. \$6.00

FLOWERING SHRUBS OF CALIFORNIA

By Lester Rowntree

Many California shrubs can be profitably added to gardens in other states. "One would search a long time before finding another gardening book as well worth reading and keeping."—*N. Y. Herald Tribune*. Illustrated. \$3.00

PLAN YOUR OWN HOME

By Sooy and Woodbridge

"A good all-round book for those who want to have a finger in the pie from the choice of a site, through the designing and planning, the building, furnishing and decorating of a home, down to the landscaping and gardening."—*Virginia Kirkus Bookshop Service*. Illustrated. \$2.95

STANFORD UNIVERSITY PRESS
STANFORD UNIVERSITY, CALIF.

WALL SHRUBS AND HARDY CLIMBERS—W. J. Bean—*Macmillan*, \$2.25.
WORLD WHEAT PLANNING AND A STUDY OF PLANNING IN GENERAL—Paul de Hevesy—*Oxford U.*, \$12*.
YOUR CAREER IN AGRICULTURE—Homer Paul Andersen—*Dutton*, \$2.

Chemistry

ADVANCED READINGS IN CHEMICAL GERMAN—Fotos and Shreve—*Wiley*, \$2.50.
CHEMICAL CALCULATIONS, 4th ed.—J. S. Long and H. V. Anderson—*McGraw*, \$1.75.
CHEMICAL COMPUTATIONS AND ERRORS—Thomas B. Crumpler and John H. Yoe—*Wiley*, \$3.
CHEMICAL FRENCH READER (In French)—James D. Alberse—*Heath*, 48c.
CHEMICAL INDUSTRIES, 1940 ed.—*Chem. Pub.*, \$4.
CHEMICAL PUBLICATIONS, 2d ed.—M. G. Mellon—*McGraw*.
CHEMISTRY IN MEDICINE—Maurice B. Visscher—*U. Minn.*, \$5.
CHEMISTRY OF THE CARBON COMPOUNDS, Vol. 3—V. V. Richter—*Nordeman*.
CHEMISTS YEAR BOOK, 1940 ed.—F. W. Atack—*Chem. Pub.*, \$6.
COLLECTED PAPERS OF W. H. CAROTHERS ON HIGH POLYMERIC CHEMISTRY—Wallace H. Carothers—*Nordeman*, \$8.
A COURSE IN GENERAL CHEMISTRY, 3d ed.—William C. Bray and Wendell M. Latimer—*Macmillan*, \$1.60.
THE DETECTION AND IDENTIFICATION OF WAR GASES—Gt. Brit. Ministry of Home Security A.R.P. Dept.—*Chem. Pub.*, \$1.50.
DICTIONARY OF METALS AND ALLOYS—F. J. Camm—*Chem. Pub.*, \$3.
ELECTROCAPILLARITY—J. A. V. Butler—*Chem. Pub.*, \$5.
ELECTROCHEMICAL THEORY—Henry J. S. Sand—*Chem. Pub.*, \$2.
ELECTRONIC STRUCTURE AND CHEMICAL BINDING—O. K. Rice—*McGraw*, \$5.
ELEMENTARY LABORATORY EXPERIMENTS IN ORGANIC CHEMISTRY, 3d ed.—Roger Adams and John R. Johnson—*Macmillan*, \$2.20*.
EMBALMING FLUIDS—Simon Mendelsohn—*Chem. Pub.*, \$4.
EPHRAIM'S INORGANIC CHEMISTRY, 3d ed.—Thorne and Ward—*Nordeman*, \$8.
EVALUATION OF PETROLEUM PRODUCTS—*Amer. Soc. for Testing Materials*, 75c.
EXPERIMENTAL COLLEGE CHEMISTRY (For physical education)—S. M. Troxel—*Burgess*, \$2.
EXPERIMENTS AND PROBLEMS FOR COLLEGE CHEMISTRY, 3d ed.—J. E. Belcher and J. C. Colbert—*Appleton*, \$1.75.
FOOD INDUSTRIES MANUAL, 1940 ed.—*Chem. Pub.*, \$4.
FRUIT PECTINS—C. L. Hinton—*Chem. Pub.*, \$1.75.
FUNDAMENTALS OF PHYSICAL CHEMISTRY, 2d ed.—Earl C. H. Davies—*Blakiston*, \$3.50.
FUNDAMENTALS OF SEMIMICRO QUALITATIVE ANALYSIS—Erwin B. Kelsey and Harold G. Dietrich—*Macmillan*, \$2.75*.
GENERAL CHEMISTRY, A First Course and LABORATORY MANUAL—Leona E. Young and C. W. Porter—*Prentice-Hall*.
GENERAL CHEMISTRY OF HIGH POLYMERIC SUBSTANCES—H. Mark—*Nordeman*.
GENERAL COLLEGE CHEMISTRY—Joseph A. Babor and A. Lehman—*Crowell*, \$3.75.
GENERAL COLLEGE CHEMISTRY—Leon B. Richardson and Andrew J. Scarlett—*Holt*, \$3.75.
HANDBOOK OF CHEMICAL MICROSCOPY, 2d ed.—Chamot and Mason—*Wiley*, \$5.

THE AOUT

BOTANY

Desert Flowers

• "Contrary to the usual opinion, there is not a month in the year when no plants are in flower on the desert; we may truly say that the flower season of the desert lasts all through the year. Of course the great spectacular show of color comes in the spring—February through March on the Colorado Desert, and April through May on the Mohave. In the arid piñon-juniper areas the floral season begins early in May and lasts through June. Some of the shrubby composites, such as the rabbit brushes, do not come into flower until autumn."—Edmund C. Jaeger in *DESERT WILD FLOWERS* (*Stanford*).

Science News Letter, April 20, 1940

ZOOLOGY

Playing Dead

• "Some animals—for example, the common hog-nose snake and the opossum—often pretend to be dead when they know an enemy is near. The hog-nose snake lies on its back while 'playing dead'. If turned over, it immediately throws itself again upon its back with absurd haste. It seems very much alive in its effort to appear dead."—Francis D. Curtis, Otis W. Caldwell and Nina Henry Sherman in *EVERYDAY BIOLOGY* (*Ginn*).

Science News Letter, April 20, 1940

AGRICULTURE

Useful Worms

• "Take earthworms, for example. . . . The Burbank of the earthworms is Dr. George S. Oliver. . . . Some of the startling news that has come out of his laboratory includes: that worms can be grown as a protein supplement feed for poultry, fish and frog farms; that others are valuable for medicinal oil; . . . that an acre of healthy soil contains about 1,500,000 earthworms; . . . that an adequate crew of worms on an acre of soil are equivalent to three skilled gardeners plus ten tons of rich manure each year."—Homer Paul Andersen in *YOUR CAREER IN AGRICULTURE* (*Dutton*).

Science News Letter, April 20, 1940

HORS SAY:

AERONAUTICS

Future Plane

• "In an effort to look ahead, the engineers of Consolidated Aircraft Corporation made an investigation of possible size limits in the light of aerodynamic and structural improvement up to 1938. . . . It was found thoroughly feasible . . . to construct an airplane weighing as much as 400,000 pounds gross. This tremendous craft would have a span of 272 feet, length of 144 feet and its wing surfaces would total 8,400 square feet. It would carry as many as 300 passengers, requiring a crew of about 30, and would have a cruising range of about 5,000 miles at 300 miles an hour!" —Archibald Black in *THE STORY OF FLYING (Whittlesey House)*.

Science News Letter, April 20, 1940

ANTHROPOLOGY

Independent

• "There are individual cases of inventions or ideas in lands far apart that cannot be proved to be historically connected. The fork was used in Fiji and invented comparatively recently in Europe; the spear, projected by a thong wound spirally about the shaft, was used on the Admiralty Islands and in ancient Rome. In some cases the difference in time makes the theory of a transfer all but unthinkable." —Franz Boas in *RACE, LANGUAGE AND CULTURE (Macmillan)*.

Science News Letter, April 20, 1940

PHYSICS

Finite

• "One interesting thing Einstein has told us about our universe of space-time is that it is not infinite, stretching out endlessly, but is quite definitely limited. The correct expression is that it is 'finite.' If you could set out on a journey through the universe—apparently in a straight line—you would eventually come back to your starting-point. In fact the universe is, in four dimensions, what the sphere is in three and the circle is in two." —H. A. Reason in *THE ROAD TO MODERN SCIENCE (Appleton)*.

Science News Letter, April 20, 1940

- INDUSTRIAL ELECTROCHEMISTRY, 2d ed.—C. L. Mantell—*McGraw*.
- AN INTRODUCTION TO CHEMICAL SCIENCE—W. H. Hatcher—*Wiley*, \$3.
- AN INTRODUCTION TO ORGANIC CHEMISTRY, 2d ed.—Garard—*Wiley*.
- INTRODUCTORY COLLEGE CHEMISTRY, 2d ed.—N. E. Gordon, W. E. Trout—*Wiley*, \$3.50.
- KINETICS OF HIGH POLYMERIC SYSTEMS—H. Mark and R. Raff—*Nordeman*.
- LABORATORY MANUAL (To accompany *Fundamentals of Chemistry and Applications*)—Francis and Morse—*Macmillan*, \$1*.
- NATIONAL PAINT DICTIONARY—Jeffrey R. Stewart—*Chem. Pub.*, \$5.
- THE NATURAL AND SYNTHETIC HIGH POLYMERS—K. H. Meyer—*Nordeman*.
- NATURE OF THE CHEMICAL BOND, 2d ed.—Linus Pauling—*Cornell*, \$4.50.
- NEW CHEMICAL DICTIONARY—Stephen Miall, ed.—*Longmans*, \$15.
- ORDINAL OF ALCHEMY—Thomas Norton—*Williams & Wilkins*, \$2.50.
- ORGANIC PRECIPITANTS FOR USE IN QUANTITATIVE ANALYSIS—W. Proding—*Nordeman*, \$4*.
- ORGANIC STATE—Ross Hoffman—*Sheed*, \$2.
- ORGANIC SYNTHESIS, Vol. 20—Allen—*Wiley*.
- PHENOMENA AT TEMPERATURE OF LIQUID HELIUM—E. F. Burton—*Reinhold*.
- PHYSICAL ORGANIC CHEMISTRY—L. P. Hammett—*McGraw*.
- PRINCIPLES OF CHEMISTRY 4th ed.—Joel H. Hildebrand—*Macmillan*, \$2.50.
- PRINTING INKS, THEIR CHEMISTRY AND TECHNOLOGY—Carleton Ellis—*Reinhold*, \$7.
- PROPERTIES AND NUMERICAL RELATIONSHIPS OF THE COMMON ELEMENTS AND COMPOUNDS, 3d ed.—J. E. Belcher and J. C. Colbert—*Appleton*, \$2.
- QUANTITATIVE ANALYSIS—H. S. Booth and V. R. Damerell—*McGraw*, \$2.25.
- QUANTITATIVE ANALYSIS—Pierce and Haensch—*Wiley*.
- REFERENCE BOOK OF INORGANIC CHEMISTRY, Rev.—Wendell M. Latimer and Joel H. Hildebrand—*Macmillan*, \$4.
- REFINING PRECIOUS METAL WASTES—Gold, Silver, Platinum Metals—C. M. Hoke—*Metallurgical Pub. Co.*, \$5.
- RUBBER LATEX—H. P. and W. H. Stevens—*Chem. Pub.*, \$2.
- SEMIMICRO QUALITATIVE ANALYSIS—Evans, Garrett and Quill—*Ginn*, \$2.
- SO THAT'S CHEMISTRY!—R. Ray Baker—*Reilly & Lee*.
- SPECIFIC AND SPECIAL REACTIONS FOR USE IN QUALITATIVE ANALYSIS (Spot Test Analysis)—F. Feigl—*Nordeman*, \$3.50*.
- SULPHATED OILS AND ALLIED PRODUCTS—D. Burton, G. F. Robertshaw—*Chem. Pub.*, \$5.
- SYSTEMATIC IDENTIFICATION OF ORGANIC COMPOUNDS, 2d ed.—Shriner and Fuson—*Wiley*.
- TEXTBOOK OF CHEMISTRY, 5th ed.—Stella Goostroy and Walter G. Karr—*Macmillan*.
- TEXTILE TESTING—John H. Skinkle—*Chem. Pub.*, \$3.
- THEORETICAL QUANTITATIVE ANALYSIS—Louis Waldbauer—*Blakiston*.
- THERMAL AND CATALYTIC CONVERSION OF PETROLEUM—A. N. Sachanen—*Reinhold*.
- THINGS A BOY CAN DO WITH CHEMISTRY—Alfred Morgan—*Appleton*, \$2.50.
- THORPE'S DICTIONARY OF APPLIED CHEMISTRY, Vol. IV, 4th ed.—*Longmans*, \$25.
- THE TOOLS OF THE CHEMIST—Ernest Child—*Reinhold*, \$3.50.
- TWELFTH REPORT OF THE COMMITTEE ON CATALYSIS—Robert E. Burk, ed.—*Wiley*.
- YOUNG CHEMISTS AND GREAT DISCOVERIES—James Kendall—*Appleton*, \$2.75.

New Wiley Books



TURNER AND HENRY—*Growing Plants in Nutrient Solutions*

A lucid and practical exposition of what is being done today in the large-scale growing of plants in nutrient solutions. Discussions are detailed, exact, and well illustrated. \$3.00

HATCHER—*An Introduction to Chemical Science*

An exact, yet cultural survey, stressing economic features and applications to modern life. The content is divided into four units of subject matter—inorganic, organic, food, and industrial chemistry. \$3.00

GORDON AND TROUT—*Introductory College Chemistry*

An unusual integration of text, laboratory manual and workbook. Directions for experiments are given, with blanks for the student's records. The arrangement does not preclude the use of a separate notebook. Second Edition. \$3.50

LOEB—*Fundamental Processes of Electrical Discharge in Gases*

Relates modern atomic physics to the field of discharge through gases, and presents the fundamental processes active in all discharge phenomena in both the evolutionary and the present-day stages. \$7.00

LINDSAY—*General Physics for Students of Science*

An elementary book introducing the fundamental concepts of physics in logically rigorous fashion for students who have had mathematics through elementary calculus. \$3.75



John Wiley & Sons, Inc.

440 Fourth Avenue, New York



ART FOR CLEOPATRA'S SAKE

Unearthed by the River Tiber, elaborate frescoes and other relics are found by Italian archaeologists to be portions of the palatial villa that Caesar built for Cleopatra when he brought her as hostage to Rome. This is a scene on the River Nile—a favorite art subject in the villa. Archaeologists speculate that artists of Cleopatra's court may have painted these home-land scenes, and that later artists may have re-painted them. They are vivid, and well preserved. Prof. Gulio Jacopi of the Italian Ministry of National Education, shown examining the painting, directed removal of the relics to the Museum of Thermes in Rome.

Electrical Engineering

- ALTERNATING-CURRENT CIRCUITS — K. Y. Tang—*Internatl. Textbook*, \$4.
 DESIGN OF ELECTRICAL APPARATUS, 2d ed.—J. H. Kuhlmann—*Wiley*, \$5.
 DO YOU WANT TO GET INTO RADIO?—Frank A. Arnold—*Stokes*, \$1.50.
 ELECTRIC AND MAGNETIC CIRCUITS, 3d ed.—F. A. Fish—*McGraw*, \$3.
 ELECTRIC CIRCUIT AND MACHINE EXPERIMENTS—Hehre and Blamford—*Wiley*.
 ELECTRIC DISTRIBUTION FUNDAMENTALS—F. Sanford—*McGraw*, \$2.50.
 ELECTRIC TRANSPORTATION—F. R. Thompson—*Internatl. Textbook*, \$4.
 ELECTRIC WIRING, 1940—W. S. Ibbetson—*Chem. Pub.*, \$2.50.
 ELECTRICAL COMMUNICATION, 2d ed.—A. L. Albert—*Wiley*, \$5.
 ELEMENTS OF UTILITY RATE DETERMINATION—Bryant and Herrmann—*McGraw*.
 FORTY-EIGHT MILLION HORSES—Humphrey B. Neill—*Lippincott*, \$2.50.
 GETTING ACQUAINTED WITH RADIO—Alfred Morgan—*Appleton*, \$2.50.
 ILLUMINATION ENGINEERING—E. Shilling—*Internatl. Textbook*.
 INDUCTION MOTORS—G. Gordon Monk—*Chem. Pub.*, \$2.
 INTERIOR ELECTRIC WIRING AND ESTIMATING—Albert Uhl, Arthur L. Nelson and Carl H. Dunlap—*Amer. Tech. Soc.*, \$2.50.
 INTRODUCTION TO ELECTRICAL ENGINEERING—G. V. Mueller—*McGraw*.
 INTRODUCTION TO ELECTRICAL MACHINES—A. W. Hirst—*Chem. Pub.*, \$2.25.
 MEASUREMENT OF ALTERNATING CURRENT ENERGY—D. T. Canfield—*McGraw*, \$2.
 PRACTICAL ELECTRIC METERING—Ohio Power Co. Engineers—*Wiley*, \$2.75.
 PRACTICAL ELECTRICITY, 4th ed.—T. Croft—*McGraw*, \$3.

- PRINCIPLES AND PRACTICE OF ELECTRICAL ENGINEERING, 5th ed.—A. Gray and G. A. Wallace—*McGraw*.
 PRINCIPLES OF ALTERNATING CURRENT MACHINERY, 3d ed.—R. R. Lawrence—*McGraw*.
 PRINCIPLES OF DIRECT CURRENT MACHINES, 5th ed.—A. S. Langsdorf—*McGraw*.
 PRINCIPLES OF TELEVISION ENGINEERING—D. G. Fink—*McGraw*, \$5.50.
 THE RADIO AMATEUR'S HANDBOOK, Rev.—A. Frederick Collins—*Crowell*, \$2.
 RADIO AS A CAREER—Julius L. Hornung—*Funk*, \$1.50.
 RADIO WORKERS—A. V. Keliker, ed.—*Harper*, \$1.
 RADIO-INTERFERENCE SUPPRESSION—G. W. Ingram—*Chem. Pub.*, \$2.
 TELEVISION BROADCASTING—Lenox R. Lohr—*McGraw*.
 TELEVISION: The Electronics of Image Transmission—Zworykin and Morton—*Wiley*, \$6.
 THEATER TELEVISION—James R. Cameron—*Cameron Pub. Co.*, \$2.
 UNDERSTANDING RADIO—H. M. Watson and others—*McGraw*.
 WE PRESENT TELEVISION—John Porterfield and Kay Reynolds, eds.—*Norton*, \$3.

Engineering

- AIRCRAFT BLUEPRINT READING—H. V. Almen and Ralph K. Mead—*Pitman*, \$1*.
 THE ALLOYS OF IRON AND CHROMIUM, Vol. II—High-Chromium Alloys—Kinzel and Franks—*McGraw*, \$6.
 AMERICAN MACHINISTS' HANDBOOK, 7th ed.—F. H. Colvin and F. A. Stanley—*McGraw*, \$4.
 APPLIED MECHANICS, 4th ed.—A. P. Poorman—*McGraw*, \$2.75.
 ARCHITECTURAL SPECIFICATIONS—Sleeper—*Wiley*, \$10.
 AUTOMOTIVE DIESEL MAINTENANCE—W. J. Cumming—*Pitman*, \$2*.

- CAN WE BUILD AUTOMOBILES TO KEEP DRIVERS OUT OF TROUBLE?, 2d ed.—Victor W. Killick—*Reeves*.
 CIVIL ENGINEERING HANDBOOK, 2d ed.—L. C. Urquhart—*McGraw*.
 COLE'S PERMANENT WAY, 10th rev. ed.—Sir Gordon Hearn—*Chem. Pub.*, \$4.25.
 CONSTRUCTION ESTIMATES AND COSTS—Pulver—*McGraw*, \$5.
 CONSTRUCTION OF ROADS AND PAVEMENTS, 5th ed.—T. R. Agg—*McGraw*, \$4.
 ELEMENTARY FLUID MECHANICS—Vennard—*Wiley*.
 ENGINEERING SURVEYS, 2d ed.—Harry Rubey, George E. Lommel and M. W. Todd—*Macmillan*, \$4*.
 \$5,000 HOUSE—Editors of "Architectural Forum"—*Simon & Schuster*, \$1.96.
 FUELS AND THEIR UTILIZATION—A. L. Carr and C. W. Selheimer—*Pitman*, \$2.50.
 HEATING, VENTILATING, AIR CONDITIONING GUIDE—Various authors—*Amer. Soc. Heating and Ventilating Engineers*, \$5, \$5.50 thumb-index ed.
 HIGHLINERS, A RAILROAD ALBUM—Lucius Beebe—*Appleton*, \$5.
 HOW TO DESIGN AND INSTALL PLUMBING—A. J. Matthias, Jr.—*Amer. Tech. Soc.*, \$3.
 HOW TO READ AIRCRAFT BLUEPRINTS—Slingluff and Owens—*Winston*, \$4.
 INDUSTRIAL SURVEYS AND REPORTS—Walter Rautenstrauch—*Wiley*, \$2.50.
 THE JUNGLE ROUTE—Frank W. Kravigny—*Tremaine*, \$3.
 LEGAL ASPECTS OF ENGINEERING—Sadler—*Wiley*, \$4.
 MACHINE SHOP TRAINING COURSE, two vols.—Franklin D. Jones—*Industrial Press*, \$6* per set, \$4 each.
 MAGIC MOTORWAYS—Norman Bel Geddes—*Random House*, \$3.50.
 MANUAL OF ELEMENTARY MACHINE SHOP PRACTICE—E. C. Phillips—*Burgess*, \$3.25.
 MECHANICS OF LIQUIDS, An Elementary Text in Hydraulic and Fluid Mechanics—Ralph W. Powell—*Macmillan*, \$3.50.
 MECHANISM AND KINEMATICS OF MACHINES—W. Steeds—*Longmans*, \$6*.
 THE MODERN RAILWAY—Julius H. Parmelee—*Longmans*, \$4.
 THE PAN AMERICAN HIGHWAY, From the Rio Grande to the Canal Zone—Harry A. Franck and Herbert C. Lanks—*Appleton*, \$5*.
 PRACTICAL MECHANICS AND STRENGTH OF MATERIALS, 3d ed.—C. W. Leigh and J. F. Mangold—*McGraw*.
 A PRIMER OF TIME STUDY—Shumard—*McGraw*, \$5.
 PRINCIPLES OF INDUSTRIAL MANAGEMENT FOR ENGINEERS—L. P. Alford—*Ronald*, \$4.50.
 PUBLIC WATER SUPPLIES, 4th ed.—Turneure and Russell—*Wiley*.
 REFUSE MATERIALS—*Amer. Pub. Works Assoc.*, 50c.
 ROAD AND STREET CONSTRUCTION METHODS AND COSTS—H. P. Gillette and J. C. Black—*Gillette Pub. Co.*, \$6.
 ROUTE SURVEYS, Reprint with corrections—Harry Rubey—*Macmillan*, \$3.75*.
 THE ST. LAWRENCE SEAWAY—F. N. Menefee—*Edwards*, \$2.50.
 SERVICING SOUND EQUIPMENT and Motion Picture Projectionists Guide, 4th ed.—James R. Cameron—*Cameron Pub. Co.*, \$7.50.
 SEWAGE TREATMENT—Imhoff and Fair—*Wiley*.
 SOIL MECHANICS AND FOUNDATIONS—Fred L. Plummer and S. M. Dore—*Pitman*, \$5*.
 STEAM POWER STATIONS, 2d ed.—G. A. Gaffert—*McGraw*.
 SURVEYING: THEORY AND PRACTICE, 3d ed.—R. E. Davis and F. S. Foote—*McGraw*.

TEXTBOOK OF ORE DRESSING, 3d ed.—R. H. Richards and C. E. Locke—*McGraw*, \$5.50.
 THEORY AND PRACTICE OF HEAT ENGINES—R. H. Grundy—*Longmans*.
 TRAINING PROCEDURE — Frank Cushman — *Wiley*, \$2.
 TRANSPORTATION, Economic Principles and Practices—Emory R. Johnson, Grover C. Huebner and Lloyd G. Wilson—*Appleton*, \$4*.
 WATER SUPPLY, SEWAGE, AND SEWAGE DISPOSAL—H. G. Payrow—*Internatl. Textbook*.

General Science

ADVENTURING IN SCIENCE: I. Exploring Our World; II. Our World Changes—S. R. Powers, E. F. Neuner, H. B. Bruner and J. H. Bradley—*Ginn*
 EVERYDAY PROBLEMS IN SCIENCE, Rev.—Beauchamp, Mayfield and West—*Scott*, \$1.80.
 EXPERIMENTING AT HOME WITH THE WONDERS OF SCIENCE—Eugene Hodgdon Lord—*Appleton*, \$2.
 FRENCH-ENGLISH SCIENCE DICTIONARY—L. DeVries—*McGraw*.
 THE JEWISH CONTRIBUTION TO CIVILIZATION—Cecil Roth—*Harper*, \$2.
 MR. TOMPKINS IN WONDERLAND—G. Gamow—*Cambridge (Macmillan)*, \$2.
 MODERN METHODS AND MATERIALS FOR TEACHING SCIENCE—E. D. Heiss, E. S. Obourn, C. W. Hoffman—*Macmillan*, \$2.50.
 NEW PATHWAYS IN SCIENCE: We Want to Know (Primer), by Craig, Burke and Babcock, 60c; I, We Find Out, Craig and Burke, 72c; II, Changes All Around Us, Craig and Baldwin, 80c; III, Our Earth and Sky, Craig and Baldwin, 84c; IV, The Earth and Life Upon It, Craig and Hurley, 88c; V, From Sun to Earth, Craig, Condry and Hill, 96c; VI, The Earth Then and Now, Craig, Johnson and Lewis, \$1. *Ginn*.
 PAPERS OF THE MICHIGAN ACADEMY OF SCIENCE, ARTS AND LETTERS, Vol. XXV, \$5: Part I, Botany and Forestry, \$1.75; Part II, Zoology, \$1.75; Part III, Geography and Geology, \$1.50; Part IV, General Section, \$1.50—Various authors—*U. Mich.*
 THE PHYSICAL SCIENCES—Emmett J. Cable, Wm. H. Kadesch and Robt. Ward Getchell—*Prentice-Hall*.
 POPULAR SCIENCE TALKS (A Series of Popular Lectures on Twelve Interesting Topics)—*Philadelphia Coll. of Pharm. and Sci.*, \$1.
 THE ROAD TO MODERN SCIENCE—H. A. Reason—*Appleton*, \$3.
 SCIENCE AND EVERYDAY LIFE—J. B. S. Haldane—*Macmillan*, \$1.50*.
 SCIENCE EXPERIENCES WITH TEN-CENT STORE EQUIPMENT—C. J. Lynde—*Internatl. Textbook*.
 SCIENCE FOR HANDICRAFT STUDENTS—H. Morton—*Chem. Pub.*, \$3.
 SCIENCE FRONT, 1939—F. Sherwood Taylor—*Macmillan*, \$2.50*.
 SCIENCE IN OUR MODERN WORLD: Book I, Understanding Science—\$1.28; Book II, Science for Daily Use—\$1.48; Book III, Science for Human Control—\$1.68—Ralph K. Watkins and Winifred Perry—*Macmillan*.
 SCIENCE PICTURE PARADE—Watson Davis—*Duell, Sloan & Pearce*, \$2.50.
 SCIENCE WITH SIMPLE THINGS—Raymond F. Yates—*Appleton*, \$2.50.
 THE SCIENTIST AND HIS SOCIAL ROLES — Florian Znaniecki—*Columbia*, \$2.25*.
 THE SOUL OF THE UNIVERSE—Gustaf Strömberg—*McKay*, \$2.
 A TECHNICAL DICTIONARY—C. F. Tweney, ed.—*Macmillan*, \$5*.
 Work-Book for SCIENCE PROBLEMS, Book I—Beauchamp, Mayfield and West—*Scott*.

Geography, History

AFRICA: A Social, Economic and Political Geography of Its Major Regions, Rev.—Walter Fitzgerald—*Dutton*, \$6.
 ALASKA: A Profile with Pictures—Merle Colby—*Duell, Sloan & Pearce*, \$1.
 ALASKA AND THE NORTH—Vilhjalmur Stefanson—*Duell, Sloan & Pearce*, \$3.50*.
 THE ALPS—Robert Lock Graham Irving—*Scribner*, \$3.
 ARIZONA STATE GUIDE—Federal Writers' Project—*Hastings House*, \$2.50.
 ARKANSAS STATE GUIDE — Federal Writers' Project—*Hastings House*, \$2.50.
 AN ATLAS HISTORY OF THE SECOND GREAT WAR—F. J. Horrabrin—*Knopf*, \$1.50.
 CHRISTOPHER COLUMBUS: Being the Life of the Very Magnificent Lord Don Cristobal Colon—Salvador de Madariaga—*Macmillan*, \$4.
 COLORADO STATE GUIDE — Federal Writers' Project—*Hastings House*, \$2.50.
 A CONCISE HISTORY OF ITALY—Luigi Salvatorelli—*Oxford*, \$5.
 THE EAST COAST OF SOUTH AMERICA WITH SYDNEY CLARK—Sydney A. Clark—*Prentice-Hall*, \$3.
 ECONOMIC GEOGRAPHY—Charles C. Colby and Alice Foster—*Ginn*, \$1.92.
 AN ECONOMIC SURVEY OF ANCIENT ROME. Vol. V, Rome and Italy of the Empire. General Index, Vols. I-V—Tenney Frank, ed. *Johns Hopkins*, \$5.75 for Vol. V and Index.
 THE ECONOMICS OF ANCIENT GREECE—H. Michell—*Macmillan*, \$5.
 ECUADOR, THE UNKNOWN—Victor Wolfgang von Hagen—*Oxford U.*, \$3.50.
 EUROPE, Rev.—Nellie B. Allen—*Ginn*, \$1.12.
 EXPLORERS CLUB TALES—Richard E. Byrd and others—*Tudor*, \$1.48.
 FINLAND: LAND OF HEROES—Toivo Rosvall—*Dutton*, \$2.50.
 FROM EGYPT TO THE GOLDEN HORN—George Seargeant—*Revell*.
 THE GEOGRAPHIC BASIS OF AMERICAN ECONOMIC LIFE—Harold Hull McCarty—*Harper*, \$3.75.
 GREAT BRITAIN—E. H. Carr—*Longmans*, \$2.
 GUATEMALA, PAST AND PRESENT—Chester Lloyd Jones—*U. Minn.*, \$5.
 GUIDE TO MEXICO, Rev.—Frances Toor—*McBride*, \$2.25.
 HAMMOND'S SELF-REVISING WORLD ATLAS AND GAZETTEER—*Hammond*, 25c.
 HISTORY OF CYPRUS—Sir George Hill—*Macmillan*, \$5.
 HISTORY OF RUSSIA—S. R. Tompkins—*Prentice-Hall*.
 A HISTORY OF THE ANGLO-SAXONS, 2nd ed.—R. H. Hodgkin—*Oxford U.*, 2 vol., \$10.
 INNER ASIAN FRONTIERS OF CHINA—Owen Lattimore—*Amer. Geog. Soc.*, \$4.
 INSIDE EUROPE: 1940—WAR EDITION, New rev. ed.—John Gunther—*Harper*, \$3.50.
 INTERNATIONAL BOUNDARIES—S. Whittemore Boggs—*Columbia*, \$3.25.
 LIFE IN EUROPE—Geo. J. Miller, ed.—*McKnight*.
 MARCH OF THE BARBARIANS—Harold Lamb—*Doubleday*, \$3.75.
 MODERN ARCTIC EXPLORATION—Gunnar Seidenfaden, tr. by Naomi Walford—*Hale*, \$2.50.
 MT. HOOD: A GUIDE—Federal Writers' Project—*Duell, Sloan & Pearce*, \$1.00, \$1.50.
 NANSEN—Anna Gertrude Hall—*Viking*, \$2.50.
 NEW GUINEA EXPEDITION—Richard Archbold and A. L. Rand—*McBride*, \$3.
 NEW MEXICO STATE GUIDE—Federal Writers' Project—*Hastings House*, \$2.50.
 OCEANOGRAPHY OF THE NORTH PACIFIC OCEAN, BERING SEA AND BERING STRAIT—Mary C. Grier—*U. Wash.*

IMPORTANT McGRAW-HILL BOOKS

Biology in the Making

By Emily E. Snyder

525 pages . . . \$2.80

This book traces the development of the most important fields of biology from Aristotle to the present time. The emphasis is biographical.

American Mammals

By W. J. Hamilton, Jr.

434 pages . . . \$3.75

In this book the author shows how mammals are adapted to their environment, discussing their characters, distribution, habits, economic relations, etc.

Soiless Culture - Simplified

By Alex Laurie 201 pages . . . \$2.50

Whittlesey House Garden Series

This book explains the influence of the essential elements upon the development of plant tissue and covers in detail the growth of plants without soil.

Excursions in Science

Edited by Neil B. Reynolds and Ellis L. Manning 307 pages . . . \$2.50

Whittlesey House Publication

In this provocative book thirty scientists present, in simple language, thirty-five stories of their respective fields.

Understanding Radio

By Herbert M. Watson, Herbert E. Welch and George Eby

In press—ready in May

The authors of this book cover basic radio circuits and principles from wave motion through the use of d.c. and a.c. tubes, to power supplies and speakers. The treatment is simple and nonmathematical.

Elementary Photography

By Gilford G. Quarles

350 pages . . . \$3.00

Assuming no previous knowledge of the subject, this book deals with every aspect of photography, both technical and pictorial.

Send for copies on approval

McGRAW-HILL
BOOK COMPANY, Inc.
 330 West 42nd Street New York

- 101 AMERICAN VACATIONS—Horace Coon—*Doubleday*, \$1.98.
 OREGON: A GUIDE TO THE SUNSET STATE—Federal Writers' Project—*Binford & Mort*, \$2.50.
 PEAKS AND LAMAS—Marco Pallis—*Knopf*, \$5.
 THE PHILIPPINES—Joseph Ralston Hayden—*Macmillan*, \$5.
 POCKET GUIDE TO THE WEST INDIES, Rev.—Sir Algernon Aspinwall—*Chem. Pub.*, \$3.75.
 POLAND—Hilaire Belloc—*Sheed*, \$2.
 SAN FRANCISCO AND BAY AREA GUIDE—Federal Writers' Project—*Hastings House*, \$2.50.
 SCENIC WONDERS OF THE WORLD—Marko J. Petinak—*Pub. by author*, \$2, paper \$1.50.
 SCIENCE AND POLITICS IN THE ANCIENT WORLD—B. Farrington—*Oxford U.*, \$2.50.
 A SHORT HISTORY OF BRITAIN—Robert Macey Rayner—*Longmans*, \$2.
 SO YOU'RE SEEING NEW ENGLAND!—Clara E. Laughlin—*Little*, \$2.50.
 SOUTH AMERICA—Editors of "Fortune"—*Prentice-Hall*.
 THE SOUTH AMERICAN HANDBOOK, 1940, 17th ed.—Howell Davies, ed.—*Wilson*, \$1.
 SOUTHWARD HO! A TREASURE HUNTER IN SOUTH AMERICA—William LaVarre—*Doubleday*, \$3.
 TEN YEARS IN THE CONGO—W. E. Davis—*Reynal*, \$2.50.
 TEXAS STATE GUIDE—Federal Writers' Project—*Hastings House*, \$2.50.
 TRAVELS OF RUIZ, PAVON, AND DOMBEY IN PERU AND CHILE (1777-1788)—B. E. Dahlgren—*Field Mus.*
 TRAVELS ON THE OSAGE PRAIRIES—Tixier, tr. by Albert J. Salvan, ed. by John Francis McDermott—*U. Okla.*, \$3*.
 ULTIMA THULE—Vilhjalmur Stefansson—*Macmillan*, \$3.50.
 UTAH STATE GUIDE—Federal Writers' Project—*Hastings House*, \$2.50.
 VACATION GUIDE—Robert Spiers Benjamin—*Whitelsey*, \$2.50.
 THE WANDERING LAKE—Sven Hedin—*Dutton*, \$3.75.
 WHAT TO SEE AND DO IN NEW ENGLAND—George W. Seaton—*Prentice-Hall*, \$3.

Geology

- BIRTH AND DEVELOPMENT OF THE GEOLOGICAL SCIENCES—Frank Dawson Adams—*Williams & Wilkins*, \$5.
 COAL, 2d ed.—Moore—*Wiley*.
 DEVONIAN STRATIGRAPHY AND PALEONTOLOGY OF THE ROBERTS MOUNTAINS REGION, NEVADA—C. W. Merriam—*Geol. Soc. Amer.*, \$1.
 DICTIONARY OF GEOLOGICAL TERMS—C. Mabel Rice—*Edwards*.
 THE DRAINING OF THE FENS—H. C. Darby—*Cambridge (Macmillan)*, \$6.50*.

- FORAMINIFERA, Rev.—Joseph A. Cushman—*Harvard*, \$5.
 GEOLOGICAL EXPEDITION OF THE UNIVERSITY OF AMSTERDAM TO THE LESSER SUNDA ISLANDS IN THE SOUTHEASTERN PART OF THE NETHERLANDS EAST INDIES, 1937, vol. I—H. A. Brouwer, ed.—*Nordeman*, \$33.50 for set of 4 volumes.
 THE GEOLOGY OF CHINA—J. S. Lee—*Nordeman*, \$9.
 LAND DRAINAGE AND FLOOD PROTECTION—B. A. Etchevery—*Stanford*, \$3.
 THE MAMMALIAN FAUNA OF THE WHITE RIVER OLIGOCENE, Part III—LAGOMORPHA, Part IV—ARTIODACTYLA—W. B. Scott and G. L. Jepsen—*Amer. Philosophical Soc.*
 THE MEDIEVAL FENLAND—H. C. Darby—*Cambridge (Macmillan)*, \$4.50*.
 METAMORPHISM: A Study of the Transformation of Rock-Masses, New ed.—Alfred Harker—*Dutton*, \$5.75.
 MYSTERIOUS CRATERS OF THE CAROLINA COAST—Douglas Johnson—*Columbia*.
 O. C. MARSH: PIONEER IN PALEONTOLOGY—C. Schuchert—*Yale*, \$5.
 OIL IS WHERE YOU FIND IT—Sam Mims—*Marshall Jones*, \$2.50.
 PERMIAN AMMONOIDS OF THE GUADALUPE MOUNTAIN REGION AND ADJACENT AREAS—A. K. Miller and W. M. Furnish—*Geol. Soc. Amer.*
 PHYSIOGRAPHIC PROVINCES OF NORTH AMERICA—Wallace W. Atwood—*Ginn*, \$4.80.
 PRINCIPLES OF ECONOMIC GEOLOGY, 2d ed.—W. H. Emmons—*McGraw*, \$4.
 THE ROCK BOOK—Carroll Lane Fenton and Mildred Adams Fenton—*Doubleday*, \$5.

Mathematics

- ACCOUNTING FOR ENGINEERS—John R. Bangs, Jr., and George R. Hanselman—*Internatl. Textbook*.
 BIBLIOGRAPHY OF MATHEMATICAL WORKS PRINTED IN AMERICA THROUGH 1850—Louis C. Karpinski—*U. Mich.*, \$6.
 BRIEF COURSE IN TRIGONOMETRY—David R. Curtiss and Elton J. Moulton—*Heath*.
 BRIEF TEXT IN ANALYTICS—M. A. Hill, Jr., and J. B. Linker—*Holt*, \$1.50*.
 BRITISH ASSOCIATION MATHEMATICAL TABLES, Vol. VIII, Number-Divisor Tables, \$5*; Vol. IX, Table of Powers, \$6*—*Cambridge (Macmillan)*.
 CALCULUS—Charles K. Robbins and Neil Little—*Macmillan*, \$3.25*.
 COLLEGE ALGEBRA—Paul R. Rider—*Macmillan*, \$2.25*.
 COLLEGE ALGEBRA—C. H. Sisam—*Holt*, \$2*.
 DIFFERENTIAL AND INTEGRAL CALCULUS—R. R. Middlemiss—*McGraw*.
 ELEMENTARY COLLEGE MATHEMATICS—E. L. Mackie and V. A. Hoyle—*Ginn*, \$2.80.
 ELEMENTS OF ANALYTIC GEOMETRY, Rev.—Clyde E. Love—*Macmillan*, \$1.75*.
 ELEMENTS OF CALCULUS—Abraham Cohen—*Heath*.
 INTRODUCTION TO THE CALCULUS—Arnold Dresden—*Holt*, \$3.25*.
 INTRODUCTORY BUSINESS MATHEMATICS—J. S. Georges and W. H. Conley—*Holt*, \$2.50*.
 LIVING MATHEMATICS—R. S. Underwood and F. W. Sparks—*McGraw*.
 MATHEMATICAL LOGIC—W. V. Quine—*Norton*, \$3.90.
 MATHEMATICAL METHODS IN ENGINEERING—Theodore von Karman and M. A. Biot—*McGraw*, \$4.
 THE MATHEMATICAL PAPERS OF SIR WILLIAM ROWEN HAMILTON, Vol. II—Dynamics—*Cambridge (Macmillan)*, \$25*.

- MATHEMATICO-DEDUCTIVE THEORY OF ROTE LEARNING—Clark L. Hull and others—*Yale*, \$3.50.
 MATHEMATICS AND THE IMAGINATION—Edward Kasner and James Newman—*Simon & Schuster*, \$2.75.
 MATHEMATICS IN ACTION, Book Three—Walter W. Hart—*Heath*, \$1.28.
 MATHEMATICS IN GENERAL EDUCATION—Maurice Hartung—*Appleton*, \$2.75*.
 METRIC DIFFERENTIAL GEOMETRY OF CURVES AND SURFACES—E. P. Lane—*U. Chicago*, \$3.
 MODERN AGRICULTURAL MATHEMATICS—Maurice Nadler—*Orange, Judd*, \$2.
 A NEW GEOMETRY FOR SECONDARY SCHOOLS—Theodore Herberg and Joseph Orleans—*Heath*.
 ODD NUMBERS—Herbert McKay—*Cambridge (Macmillan)*, \$2.50*.
 PRACTICAL ALGEBRA WITH GEOMETRICAL APPLICATION FOR VOCATIONAL AND HIGH SCHOOLS—J. H. Wolfe, W. F. Mueller and S. D. Mullikin—*McGraw*.
 PRACTICAL MATHEMATICS, Part I—Arithmetic, 4th ed.; Part II—Algebra, 4th ed.—C. I. Palmer and S. F. Bibb—*McGraw*.
 REVIEWS AND EXAMINATIONS IN ALGEBRA—Oswald Tower and Winfield M. Sides—*Heath*, \$1.20.
 SENIOR MATHEMATICS FOR HIGH SCHOOLS—Virgil S. Mallory and Howard F. Fehr—*Sanborn*, \$1.96.
 SIX STUDIES IN MATHEMATICS—J. P. Ballantine and others—*U. Wash.*
 STATISTICAL MECHANICS—Mayer and Mayer—*Wiley*.
 THEORY OF PROBABILITY—Harold Jeffreys—*Oxford*, \$7*.
 THE VARIATE DIFFERENCE METHOD—Gerhard Tintner—*Principia*, \$2.50.

Medicine

- ANESTHESIA ABSTRACTS, Vol. III—Journal Club of the Section on Anesthesia, Mayo Clinic, under direction of Dr. John S. Lundy—*Burgess*, \$2.25.
 ARGYRIA—THE PHARMACOLOGY OF SILVER—William R. Hill and Donald M. Pillsbury—*Williams & Wilkins*, \$2.50.
 ATLAS OF CARDIOROENTGENOLOGY—Hugo Roesler—*Thomas*, \$10.
 BACILLARY AND RICKETTSIAL INFECTIONS—William H. Holmes—*Macmillan*, \$6.50*.
 BERKELEY MOYNIHAN, SURGEON—Donald Bateman—*Macmillan*, \$5*.
 BIBLIOGRAPHY OF THE WRITINGS OF HARVEY CUSHING, 2d ed.—The Harvey Cushing Society—*Thomas*, \$4.
 BIOCHEMISTRY OF DISEASE—Meyer and Oscar Bodansky—*Macmillan*, \$8*.
 BIOLOGIC FUNDAMENTALS OF RADIATION THERAPY—F. Ellinger—*Nordemann*.
 CANCER IN CHILDHOOD—Dargeon—*Mosby*.
 CARDIOVASCULAR-RENAL DISEASE—L. W. Smith, E. Weiss, W. I. Lillie, F. W. Konzelmann and E. S. Gault—*Appleton*, \$4.50.
 CARE OF POLIOMYELITIS—Jessie L. Stevenson—*Macmillan*, \$2.50*.
 CHEMISTRY AND MEDICINE—Various authors, ed. by M. B. Visscher—*U. Minn.*, \$5*.
 CHEMOTHERAPY AND SERUM THERAPY OF PNEUMONIA—F. T. Lord, Elliott S. Robinson and R. Heffron—*Commonwealth*, \$1.
 CHINESE WAY IN MEDICINE—Edward H. Hume—*Johns Hopkins*.
 CLINICAL DENTAL ROENTGENOLOGY—John O. McCall and S. Wald—*Saunders*.
 CLINICAL DIABETES MELLITUS AND HYPERINSULINISM—Russell M. Wilder—*Saunders*.
 CLINICAL ROENTGENOLOGY OF THE ALIMENTARY TRACT—J. Buckstein—*Saunders*, \$10.

LANGUAGES **LINGUAPHONE**

Thousands of men and women, in spare moments at home, have found the quick, easy way to master a foreign language—by the world-famous LINGUAPHONE METHOD. Amazingly simple and thorough. Do you wish to speak French, Spanish, German, Italian or any of 27 languages?

SEND FOR FREE BOOK

LINGUAPHONE INSTITUTE
 31 R.C.A. Building New York

- COMPENDIUM OF REGIONAL DIAGNOSIS—Bing and Haymaker—*Mosby*.
- CONCISE PHARMACOLOGY, 2d ed.—F. G. Hobart and G. Melton—*Chem. Pub.*, \$3.
- CONGENITAL MALFORMATIONS — Douglas P. Murphy—*U. Penn.*, \$2.
- CURRENT MEDICAL TREATMENT—David P. Barr—*Williams & Wilkins*.
- DERMATOLOGIC ALLERGY—Marion B. Sulzberger—*Thomas*, \$8.50.
- DERMATOLOGIC THERAPY IN GENERAL PRACTICE—Marion B. Sulzberger and Jack Wolf—*Year Book*, \$3.50.
- DE MORBIS ARTIFICUM (DISEASES OF WORKERS)—Bernardino Ramazzini, with Latin Text, Revision, Translation and Commentary by Wilmer Cave Wright—*U. Chicago*, \$5.
- THE DIAGNOSIS AND TREATMENT OF DISEASES OF THE ESOPHAGUS — Porter P. Vinson—*Thomas*, \$4.
- DIAGNOSIS AND TREATMENT OF DISEASES OF THE HAIR—Lee McCarthy—*Mosby*.
- DIGEST OF LAWS AND REGULATIONS RELATING TO THE PREVENTION AND CONTROL OF SYPHILIS AND GONORRHEA—Bascom Johnson, comp.—*Amer. Soc. Hygiene Assn.*, \$5.
- DIRECTORY OF MEDICAL SPECIALISTS — Paul Titus, ed.—*Columbia*, \$5.
- DISEASES OF THE GALLBLADDER AND BILE DUCTS—Waltman Walters and Albert M. Snell—*Saunders*, \$10.
- DISORDERS OF THE BLOOD, 3d ed.—L. E. H. Whitby and C. J. C. Britton—*Blakiston*, \$7.50.
- DYNAMICS OF INFLAMMATION—Valy Menkin—*Macmillan*, \$4.50*.
- THE EFFICIENT DENTAL ASSISTANT—Ethel Covington—*Mosby*, \$2.50.
- THE ELECTROCARDIOGRAM IN CONGENITAL CARDIAC DISEASE—Maurice A. Schnitker—*Harvard*, \$3.
- ELECTROCARDIOGRAPHIC PATTERNS — Arlie R. Barnes—*Thomas*, \$5.
- THE EMPEROR'S ITCH: The Legend Concerning Napoleon's Affliction with Scabies—Reuben Friedman—*Froben*, \$1.
- ESSENTIALS OF MEDICINE—Don C. Sutton—*Mosby*, \$3.50*.
- ESSENTIALS OF PHYSIOLOGY AND PHARMACODYNAMICS, 3d ed.—George Bachman and A. Richard Bliss—*Blakiston*, \$4.50.
- ESSENTIALS OF THE DIAGNOSTIC EXAMINATION — John B. Youmans—*Commonwealth*, \$3.
- FAITHS THAT HEALED—Ralph H. Major—*Appleton*, \$3.
- FETAL AND NEONATAL DEATHS—Edith L. Potter and Fred L. Adair—*U. Chicago*, \$1.50.
- FOREIGN BODIES LEFT IN THE ABDOMEN—Harry S. Crossen—*Mosby*, \$10*.
- FOUNDERS OF MODERN MEDICINE—Elie Metchnikoff—*Wehman*, \$3.
- FRACTURES AND OTHER BONE AND JOINT INJURIES—R. Watson-Jones—*Williams & Wilkins*.
- THE FUNDAMENTALS OF INTERNAL MEDICINE, Rev.—Wallace M. Yater and others—*Appleton*, \$9.
- GYNECOLOGICAL AND OBSTETRICAL PATHOLOGY — Emil Novak—*Saunders*.
- HANDBOOK OF MICROSCOPIC CHARACTERISTICS OF TISSUES AND ORGANS—Karl A. Stiles—*Blakiston*.
- THE HEAD AND NECK IN ROENTGEN DIAGNOSIS—H. K. Pancoast, E. P. Pendergrass and J. P. Schaeffer—*Thomas*, \$12.50.
- HERNIAS—Alfred A. Iason—*Blakiston*.
- HISTOLOGICAL TECHNIC—A. A. Krajian—*Mosby*.
- THE HOSPITAL CARE OF NEURO-SURGICAL PATIENTS—Wallace B. Hamby—*Thomas*, \$2.
- I GO HORIZONTAL—Duff Gilford—*Vanguard*, \$2.50.

Non Pecks

RACE, LANGUAGE & CULTURE

By Franz Boas

Dr. Boas has selected 63 of his most important papers for this collection, covering all the many aspects of anthropology to which he has made major contributions. Many of these papers have been basic to the development of the science of anthropology, and are essential source material for any serious student of the subject. \$5.00

FEEDING THE FAMILY

Fourth Edition

By Mary Swartz Rose

The thorough revision of this book, for years "The Mother's Bible" for planning regular meals and special diets, brings up to date all information on the nutritive value of foods, vitamin content, and costs. Adequate and palatable menus for people on allergy diets have also been added to this edition. Illus. Ready April 30th. \$3.75 (probable).

HOUSEHOLD PHYSICS LABORATORY MANUAL

By Madalyn Avery

These experiments, prepared to supplement the author's excellent text, *Household Physics*, are the first to be designed expressly for home economics students. They emphasize the principles and applications of physics most useful to the home economist, and are not only eminently practical but also expertly devised to train the student in scientific method. Illus. \$1.50.

METHODS AND MATERIALS FOR TEACHING SCIENCE

By Elwood D. Heiss, Ellsworth S.

Obourn and C. Wesley Hoffman

This book gives full and completely practical information on every phase and detail of science teaching from the methods of presenting different aspects of science, classroom psychology and the preparation of tests to the preservation of specimens and the cost, relative merits and use of all types of equipment and teaching aids. Illus. \$2.50.

DYNAMICS OF INFLAMMATION

By Valy Menkin

The physiology of cellular irritability and the general biology of organic defense mechanisms are discussed here in the light of research done during the past ten years in the fields of physiology, biochemistry, and immunology. The only complete and up-to-date treatment of this subject, the book will be of great value to anyone interested in infectious processes. Illus. Ready in May. \$4.50 (probable).

BIOCHEMISTRY OF DISEASE

By Meyer Bodansky, M. D. and

Oscar Bodansky, M. D.

A new and different approach to the clinical application of biochemistry, this book is a practical presentation of the biochemical aspects of disease arranged according to clinical entities, and a brilliant evaluation of recent laboratory achievements having clinical significance for the physician. \$8.00

THE *Photismi de Lumine* OF MAUROLYCUS

By Henry Crew

Maurolycus's treatise on light constitutes an important but little known chapter in the history of optics, providing the connecting link between the ancient optics of Euclid and Ptolemy and the modern optics of Snel, Descartes and Newton. It is here translated into English for the first time. Illus. \$3.00.

The Macmillan Company
60 Fifth Avenue, New York

Macmillan

ILLUSTRATIONS OF SURGICAL TREATMENT—Eric L. Farquharson—*Williams & Wilkins*.
 ILLUSTRATIVE ELECTROCARDIOGRAPHY, 2d ed.—Julius Burstein—*Appleton*, \$5.
 IMMUNE-BLOOD THERAPY OF TUBERCULOSIS—Joseph Hollós—*Humphries*, \$2.50.
 INJECTION TREATMENTS—Penn Riddle—*Saunders*, \$5.50.
 THE INJURED BACK AND ITS TREATMENT—John D. Ellis and others—*Thomas*, \$6.
 INTRODUCTION TO GASTRO-ENTEROLOGY—Walter C. Alvarez—*Hoerber*, \$10.
 AN INTRODUCTION TO MATERIA MEDICA AND PHARMACOLOGY—McGuigan—*Mosby*.
 LECTURES ON MOTOR ANOMALIES OF THE EYE—A. Bielschowsky—*Dartmouth College*.
 LECTURES TO THE LAITY, Sponsored by the New York Academy of Medicine—*Columbia*, \$2.
 LEGAL MEDICINE AND TOXICOLOGY, 1940 ed.—T. A. Gonzales, M. Vance and M. Helpen—*Appleton*, \$10.
 LIFE OF HERING—C. B. Kner—*Magee Press*, \$4.50.
 LUMBAR ARTHRITIS AND VERTEBRAL SCIATICA—V. Putti; tr. by Philip Lewin—*Thomas*, \$6.
 MALARIAL THERAPY OF GENERAL PARALYSIS—William H. Kupper—*Edwards*, \$2.25.
 MANAGEMENT OF OBSTETRIC DIFFICULTIES—Titus—*Mosby*, \$10.
 MANUAL OF DERMATOLOGY—Carroll S. Wright—*Blakiston*, \$4.
 MANUAL OF FRACTURES, DISLOCATIONS AND EPIPHYSEAL SEPARATIONS—Harry C. W. S. De Brun—*Year Book*, \$3.
 MEDICAL AND SURGICAL NURSING—Myrtle Hodgkins and B. C. Morgan—*Saunders*.
 THE MEDICAL CAREER—Harvey Cushing—*Little, Brown*, \$2.50.
 MEDICAL EDUCATION IN THE U. S., 1934-1939—Herman G. Weiskotten and others—*Amer. Med. Assn.*, \$1.

MEDICINE AND HUMAN WELFARE—H. E. Sigerist—*Yale*, \$2.
 MEDICOLEGAL AND INDUSTRIAL TOXICOLOGY, CRIMINAL INVESTIGATION, OCCUPATIONAL DISEASES—Henry J. Eilmann—*Blakiston*, \$3.
 MICROBIOLOGY AND IMMUNOLOGY FOR NURSES, 8th ed.—Chas. F. and Nils W. Bolduan—*Saunders*, \$2.25.
 MODERN DIABETIC CARE—Herbert Pollack—*Harcourt*, \$2.
 MODERN UROLOGY FOR NURSES—Sheila Maureen Dwyer and George W. Fish—*Lea*.
 MORPHINE ADDICTION IN CHIMPANZEES—S. D. S. Spragg—*Johns Hopkins*.
 NEOPLASTIC DISEASES, 4th ed.—James Ewing—*Saunders*.
 NEUROLOGY—S. A. Kinnier Wilson—*Williams & Wilkins*.
 1939 YEAR BOOK OF DERMATOLOGY AND SYPHILOLOGY—Fred Wise and Marion B. Sulzberger—*Year Book*, \$3.
 1939 YEAR BOOK OF GENERAL THERAPEUTICS—B. Fantus and L. H. Sloan—*Year Book*, \$2.50.
 1939 YEAR BOOK OF OBSTETRICS AND GYNECOLOGY—Joseph B. DeLee and J. P. Greenhill—*Year Book*, \$2.50.
 1939 YEAR BOOK OF PEDIATRICS—Isaac A. and Arthur F. Abt—*Year Book*, \$2.50.
 OBSTETRICS AND GYNECOLOGY, 2 vols.—Fred L. Adair—*Lea*.
 OFFICE GYNECOLOGY, 2d ed.—J. P. Greenhill—*Year Book*, \$3.
 ORTHOPEDIC OPERATIONS: Indications, Technique, and End Results—Arthur Steindler—*Thomas*, \$9.
 PATHOLOGY HISTOLOGY—Robertson F. Ogilvie—*Williams & Wilkins*, \$8.50.
 PATHOLOGY—J. Henry Dible and Thomas B. Davie—*Blakiston*, \$10.
 THE PATIENT'S DILEMMA—Hugh Cabot—*Reynal*, \$2.50.
 PHLEBITIS—Otto Meyer—*Savoy*, \$1.
 PHYSICAL DIAGNOSIS—Walker, Elmer and Rose—*Mosby*, \$8.75.
 PINEAL ORGAN—R. J. Gladstone and Cecil P. G. Wakeley—*Williams & Wilkins*, \$10.
 PNEUMOCONIOSIS (SILICOSIS): The Story of Dusty Lungs—Lewis G. and William G. Cole—*Pierce Found.*
 PRACTICAL BEDSIDE DIAGNOSIS AND TREATMENT—Henry Joachim—*Thomas*, \$7.50.
 PRINCIPLES OF ORTHOPEDIC SURGERY, 3d ed.—James W. Sever—*Macmillan*, \$3.25*.
 PROCTOSCOPIC EXAMINATION AND DIAGNOSIS AND TREATMENT OF DIARRHEAS—M. H. Streicher—*Thomas*, \$3.
 RECENT ADVANCES IN NEUROLOGY, 4th ed.—W. Russell Brain—*Blakiston*, \$5.
 RHEUMATIC FEVER—May G. Wilson—*Commonwealth*.
 RHEUMATISM AND GOUT—Adrian Vander—*Chem. Pub.*, \$1.50.
 SEX ADJUSTMENTS OF YOUNG MEN—L. A. Kirkendall—*Harper*, \$2*.
 SEX AND LIFE, Forty Years of Biological and Medical Experiments—Eugen Steinach—*Viking*, \$3.75.
 SEXUAL PATHOLOGY, Rev.—Magnus Hirschfeld, tr. by Jerome Gibbs—*Emerson*, \$2.95.
 SHOCK, BLOOD STUDIES AS A GUIDE TO THERAPY—John Scudder—*Lippincott*, \$5.50.
 SURGICAL DIAGNOSIS—Stephen Power—*Williams & Wilkins*, \$4.50.
 SYNOPSIS OF OBSTETRICS—J. C. Litzenberg—*Mosby*.
 SYNOPSIS OF OPERATIVE SURGERY—H. E. Mobley—*Mosby*.
 SYNOPSIS OF PRINCIPLES OF SURGERY—Jacob K. Berman—*Mosby*.
 A TEXTBOOK OF APPLIED PHARMACOLOGY—McGuigan—*Mosby*.

TEXTBOOK OF HISTOLOGY, 8th ed.—H. E. Jordan—*Appleton*, \$7.
 TEXTBOOK OF LABORATORY DIAGNOSIS, 3d ed.—Edwin E. Osgood—*Blakiston*, \$6.
 TEXTBOOK OF SURGERY, 5th ed.—John Homan—*Thomas*, \$8.
 TEXTBOOK OF SURGICAL NURSING—Brookes and Castile—*Mosby*.
 THE THERAPEUTICS OF INTERNAL DISEASES, four vols.—George Blumer, ed.—*Appleton*, \$40 set.
 TRAPPING THE COMMON COLD—George Sanford Foster—*Revell*, \$1.25.
 TREATMENT OF CANCER AND ALLIED DISEASES, 3 vols.—George T. Pack and Edward M. Livingston, eds.—*Hoerber*, \$36*.
 TREATMENT OF WAR WOUNDS AND FRACTURES—J. Trueta—*Hoerber*, \$2.50*.
 TWELVE AGAINST ALCOHOL—Herbert Ludwig Nossen—*Harrison-Hilton*, \$2.50.
 UNCONQUERED ENEMY—Boris Sokoloff—*Grey-stone*, \$1.75.
 UNTO THE FOURTH GENERATION: Gonorrhea and Syphilis, What the Layman Should Know—Irving Simons—*Dutton*, \$2.50.
 VIRUS AND RICKETTSIAL DISEASES—Harvard School of Public Health Symposium, June, 1939—*Harvard*, \$6.50.
 THE VIRUS ENEMY—Kenneth M. Smith—*Macmillan*, \$2.50.
 THE WIND OF CIRCUMSTANCE—Harold Dear-den—*Reynal*, \$3.
 YOUR ALLERGY—Milton B. and June B. Cohen—*Knopf*, \$1.50.

Photography

AIR PHOTOGRAPHY APPLIED TO SURVEYING—C. A. Hart—*Longmans*, \$7.50.
 AMATEUR PHOTOGRAPHER'S HANDBOOK, Rev.—A. Frederick Collins—*Crowell*, \$2.50.
 COPYING METHODS—John Tennant—*Amer. Photographic*, 50c.
 ELEMENTARY PHOTOGRAPHY—Gilford G. Quarles—*McGraw*, \$3.
 ENLARGING MANUAL, 2d ed.—Sigismund Blumann—*Photo Art*, 75c.
 GRAPHIC GRAFLEX PHOTOGRAPHY—Willard D. Morgan and Henry M. Lester—*Pub. by authors*, \$4.
 HISTORY OF MODERN COLOR PHOTOGRAPHY—Joseph S. Friedman—*Amer. Photographic*.
 MODERN PHOTOGRAPHY: ITS SCIENCE AND PRACTICE—John R. Roebuck and Henry C. Staehle—*Appleton*, \$5.
 NATURAL COLOR PROCESSES, 3d ed.—Carlton E. Dunn—*Amer. Photographic*, \$2.
 PHOTOGRAPHIC FACTS AND FORMULAS, 2d ed.—E. J. Wall and Franklin I. Jordan—*Amer. Photographic*, \$2.50.
 PHOTOGRAPHING IN COLOR—Paul Outerbridge, Jr.—*Random*, \$3.75.
 U. S. CAMERA, 1940—T. J. Maloney, ed.—*Random House*, \$2.50.

Physics

THE AIR AND ITS MYSTERIES—C. M. Botley, ed. by Hanor Webb—*Appleton*, \$3.
 APPLIED X-RAYS, 3d ed.—G. L. Clark—*McGraw*.
 COSMIC RAYS AND MESOTRONS—H. J. Braddick—*Cambridge (Macmillan)*, \$1.50.
 THE CYCLOTRON—W. B. Mann—*Chem. Pub.*, \$1.50.
 ELECTRON INERTIA EFFECTS—F. B. Llewellyn—*Cambridge (Macmillan)*, \$1.75*.
 ELEMENTS OF ELECTROMAGNETIC THEORY—A. W. Duff and S. J. Plimpton—*Blakiston*.
 GENERAL PHYSICS FOR STUDENTS OF SCIENCE—Robert B. Lindsay—*Wiley*, \$3.75.
 GEOMAGNETISM, 2 vols.—S. Chapman and J. Bartels—*Oxford*, \$21.

Interested?

in Science, growing improved vegetables, giant flowers in home or garden

NEW KIT

Vitamin B1, PLANT MAGIC B1 tablets
 The only convenient form of Vitamin B1. Drop tablet in water. Water plants. NO fuss, NO bothersome stock solutions, NO measuring. Always accurate. 100 tablets (season's supply) \$1.00 pp

SOILLESS GARDEN Grow fruits, flowers, vegetables, indoors and out. In water, sand, cinders or soil. Tomatoes fifteen feet tall yielding 1,500 lbs. per acre have been grown by this method. New kit, no measuring, no bother, no fuss \$1.50 pp

COLCHISALVE (poison) For advanced experimenters. Not a stimulant or a plant food. Actually originates utterly new giant plants and vegetables, unheard of fruits, doubled and redoubled flowers. Termed "most revolutionary discovery of the age. Made according to Experimental Station formula. We are the first to offer an easy to use kit with generous supply, enough for dozens of experiments for only \$2.00 carriage extra

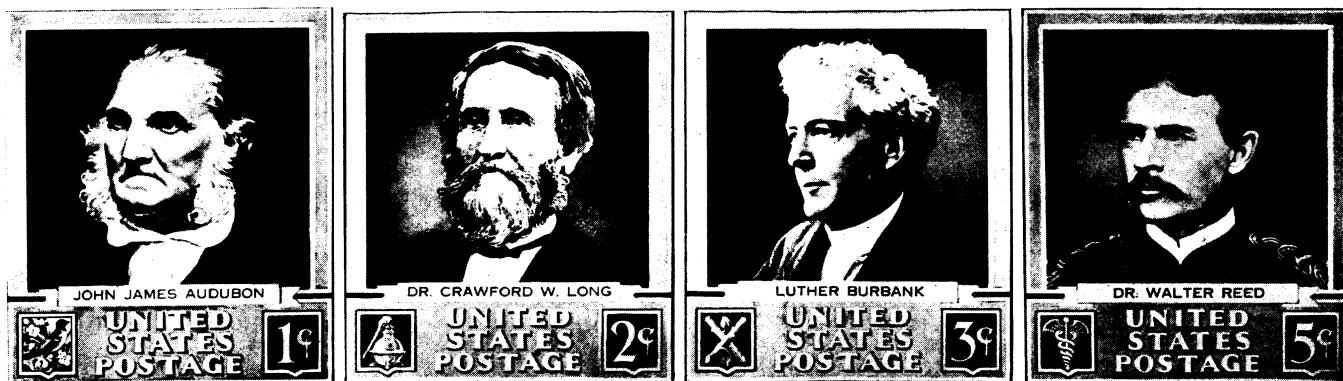
QUEST Science Summary—the only widely recognized magazine covering SOILLESS GROWTH, VITAMIN B1, COLCHICINE, etc., plus all Garden and Scientific Hobbies. If you are interested in popular Science or Gardening, this is the magazine for you. Special offer 5 issues plus FREE GIANT YEARBOOK OF GARDEN EXPERIMENTS \$1.00

All offers subject to change. Send your check or cash etc. to

CAMBRIDGE LABORATORIES

B-1

Wellesley, Mass.



GEOPHYSICAL EXPLORATION—Carl A. Heiland—*Prentice-Hall*, \$10, school \$8.
 HOUSEHOLD PHYSICS LABORATORY MANUAL—Madalyn Avery—*Macmillan*, \$1.50.
 INTRODUCTION TO ELECTRICITY AND OPTICS—N. H. Frank—*McGraw*.
 M.K.S. UNITS AND DIMENSIONS AND A PROPOSED M.K.O.S. SYSTEM—G. E. M. Jauncey and A. S. Langsdorf—*Macmillan*, \$1.
 MAGNETISM AND VERY LOW TEMPERATURES—H. G. B. Casimir—*Cambridge (Macmillan)*, \$1.75*.
 THE MATHEMATICAL THEORY OF NON-UNIFORM GASES—S. Chapman and T. G. Cowling—*Cambridge (Macmillan)*, \$7.50.
 MECHANICS APPLIED TO VIBRATIONS AND BALANCING—Thornton—*Wiley*, \$7.50.
 METEOROLOGICAL GLOSSARY—*Chem. Pub.* \$3.
 THE MODERN THEORY OF SOLIDS—F. Seitz—*McGraw*.
 THE PHOTISMI DE LUMINE OF MAUROLYCUS, A Chapter in Late Medieval Optics—Henry Crew, trans.—*Macmillan*, \$3.
 PHYSICAL CONSTANTS OF HYDROCARBONS, Vol. II—Gustav Egloff—*Reinhold*, \$12.
 PHYSICS AND REALITY—Kurt Riezler—*Yale*, \$2.
 PLAYING WITH LIGHTNING—K. B. McEachron and K. G. Patrick—*Random House*, \$2.50.
 PROCEEDINGS OF THE SEVENTH SUMMER CONFERENCE ON SPECTROSCOPY—G. R. Harrison—*Wiley*, \$2.75.
 PROPERTIES OF ORDINARY WATER-SUBSTANCE IN ALL ITS PHASES: WATER-VAPOR, WATER AND ALL THE ICES—N. Ernest Dorsey—*Reinhold*, \$15.
 SOME PROBLEMS IN ADSORPTION—J. K. Roberts—*Cambridge (Macmillan)*, \$2.
 STATISTICAL THERMODYNAMICS—R. H. Fowler and E. A. Guggenheim—*Cambridge (Macmillan)*, \$9.50.
 SURFACE TENSION AND THE SPREADING OF LIQUIDS—R. S. Burdon—*Cambridge (Macmillan)*, \$1.75*.
 A TEXT-BOOK OF HEAT, Pt. 1—H. S. Allen and R. S. Maxwell—*Macmillan*, \$3.25.
 THEORETICAL PHYSICS, Vol. III—Relativity and Quantum Dynamics Einstein-Planck—W. Wilson—*Dutton*, \$5.75.
 THE ULTRA-CENTRIFUGE—T. Svedberg and K. O. Pedersen—*Oxford*, \$12.50*.
 WHY SMASH ATOMS?—Arthur K. Solomon—*Harvard*, \$2.50.

Physiology, Health

AMERICAN HEALTH—Morton D. Schweitzer—*Modern Age*, \$2.75.
 ANATOMY AND PHYSIOLOGY FOR TRAINING SCHOOLS AND OTHER EDUCATIONAL INSTITUTIONS, 7th ed. rev.—Bundy—*Blakiston*.
 THE BACTERIOLOGY OF PUBLIC HEALTH—Cameron—*Mosby*.
 BALDNESS, ITS CAUSE AND PREVENTION—Benjamin L. Dorsey—*De Vorss*, \$2.

CHILD CARE AND TRAINING, 5th ed.—M. L. Faegre and J. E. Anderson—*U. Minn.*, \$2.50.
 COLLEGE TEXTBOOK OF HYGIENE, 3d ed.—Dean F. Smiley, A. G. Gould—*Macmillan*, \$2.75*.
 COMPARATIVE PHYSIOLOGY OF RESPIRATORY MECHANISMS—August Krogh—*U. Penn.*
 COMPLETE HEARING GUIDE—A. F. Niemoeller—*Harvest House*, \$5.
 COOKBOOK FOR DIABETICS—Nellie Maxey—*Kemp*, \$1.50*.
 DIETETICS SIMPLIFIED, 2d ed.—L. Jean Bogert and Mame T. Porter—*Macmillan*, \$3*.
 EDUCATION OF THE HANDICAPPED, Volume Two: Problems—Merle E. Frampton and Hugh Grant Rowell—*World Bk.*, \$2.80.
 ELEMENTS OF HUMAN PHYSIOLOGY—Miriam Scott Lucas—*Lea*, \$4.50.
 EXERCISE AND KEEP FIT—Terry Hunt—*Prentice-Hall*, \$1.96.
 FEEDING THE FAMILY, 4th ed.—Mary Swartz Rose—*Macmillan*, \$3.75*.
 FIRST FIVE YEARS OF LIFE—Arnold Gesell and others—*Harper*, \$3.50.
 FUNCTIONAL HUMAN ANATOMY—Cleveland Pendleton Hickman—*Prentice-Hall*, \$3.75.
 FUNDAMENTALS OF NUTRITION—Estelle E. Hawley and E. Maurer-Mast—*Thomas*, \$5.50.
 GETTING READY TO BE A MOTHER, 4th ed.—Carolyn C. Van Blarcom and Hazel Corbin—*Macmillan*, \$2.50*.
 GOOD HEALTH AND BAD MEDICINE—Harold Aaron—*McBride*, \$3.
 HANDBOOK OF HEARING AIDS—A. F. Niemoeller—*Harvest House*, \$5.
 HEALTH AS A HOBBY—Fred B. Barton—*Harper*, \$1.75*.
 HEALTH IS WEALTH—Paul de Kruif—*Harcourt*, \$2.
 HEIL HUNGER! HEALTH UNDER HITLER—Martin Gumpert, tr. by Maurice Samuel—*Alliance*, \$1.75.
 HOW TO HELP YOUR HEARING—Louise M. Neuschutz—*Harper*, \$2.50.
 THE KOSHER CODE OF THE ORTHODOX JEW (Literal translation of the 16th century Talmud on animals unfit for food, with anatomical notes)—S. I. Levin and E. A. Boyden—*U. Minn.*, \$4.50.
 LET'S TALK ABOUT YOUR BABY, 2d rev. ed.—H. Kent Tenney, Jr.—*U. Minn.*, \$1.
 THE MECHANISM OF THE HUMAN VOICE—Robert Curry—*Longmans*, \$3.
 MENTAL HYGIENE IN PUBLIC HEALTH NURSING—Ruth Gilbert—*Commonwealth*.
 MOSQUITO ABATEMENT FOR HEALTH AND COMFORT—William Brodbeck Herms and Harold Farnsworth Gray—*Commonwealth*.
 PICTURE OF HEALTH—James Clark—*Macmillan*, 60c.
 PREFACE TO EUGENICS—Frederick Osborn—*Harper*, \$3*.
 TEXTBOOK OF PHYSIOLOGY—Zoethout and Tuttle—*Mosby*.

SCIENTISTS HONORED

First issues of the new one-cent stamp honoring the great naturalist Audubon were released April 8 at St. Francisville, La. On the same date Dr. Long, pioneer user of ether as an anesthetic, was honored by the new two-cent stamp released at Jefferson, Ga. The three-cent stamp honoring Burbank, famed horticulturist, issued from Santa Rosa, Calif., on April 17, while the Army's noted physician, Dr. Reed, who showed that mosquitoes transmit yellow fever, appears on the five-cent stamp, released in Washington on the same date.

THE VARIETIES OF HUMAN PHYSIQUE—W. H. Sheldon—*Harper*, \$5*.
 YOUR BABY AND HOW TO CARE FOR IT—Lindsey Willett Batten—*Harper*, \$1.50.

Physiology, Psychiatry

ANATOMY OF HAPPINESS—Alan W. Watts—*Harper*, \$2.50*.
 THE ART OF UNDERSTANDING—Harry J. Baker—*Christopher*, \$3.
 AS THE TWIG IS BENT—Leslie B. Hohman—*Macmillan*, \$2.50.
 BEYOND THE CLINICAL FRONTIERS—E. A. Strecker—*Norton*, \$2.
 CHILD PSYCHOLOGY, Rev.—Arthur T. Jersild—*Prentice-Hall*.
 CHILD PSYCHOLOGY FOR PROFESSIONAL WORKERS—F. M. Teagarden—*Prentice-Hall*, \$3.25.
 CONDITIONING AND LEARNING—Ernest R. Hilgard and D. G. Marquis—*Appleton*, \$2.75.
 CONQUERING THE MAN IN THE STREET—Ellis Freeman—*Vanguard*, \$3.50.
 CRIMINAL BEHAVIOR—Walter C. Reckless—*McGraw*, \$3.75.

NEW BOOKS BY CAMERON

SOUND MOTION PICTURES
 Recording & Reproducing
 3rd Edition - - - Price \$7.50
THEATER TELEVISION
 Price \$2.00
SERVICING SOUND EQUIPMENT
 4th Edition - - - Price \$7.50
LIST OF BOOKS SENT ON REQUEST
CAMERON PUBLISHING CO.
 Established 1915
 Woodmont, Conn., U. S. A.

- DELAYED REWARD IN DISCRIMINATION LEARNING BY CHIMPANZEES—Austin H. Riesen—*Johns Hopkins*, \$1.
- DYNAMICS IN PSYCHOLOGY—Wolfgang Köhler—*Liveright*, \$2.50.
- THE EFFECT OF SIMILARITY AND DIFFERENCE IN FORM ON APPARENT VISUAL MOVEMENT—Jesse Orlansky—*Archives of Psychology*, \$1.
- EMOTION AND CONDUCT IN ADOLESCENCE—Caroline B. Zachry—*Appleton*, \$3.*
- FROM INFANCY TO ADOLESCENCE—F. K. and R. V. Merry—*Harper*, \$2.25.*
- GENERAL PSYCHOLOGY FOR STUDENTS OF BUSINESS—J. D. Weinland—*Crofts*, \$3.75.
- THE HOPI CHILD—Wayne Dennis—*Appleton*, \$2.50.
- HOW TO OVERCOME STAMMERING—Mabel Farrington Gifford—*Prentice-Hall*, \$2.25.
- HOW WE LEARN—Boyd H. Bode—*Heath*.
- IN DEFENSE OF LOVE: A Protest Against Soul Surgery—G. V. Gontard—*Alliance*, \$2.50.
- THE INVASION FROM MARS—Hadley Cantril, H. Gaudet and H. Herzog—*Princeton*, \$2.50.
- JUVENILE DELINQUENTS GROWN UP—Sheldon and Eleanor Glueck—*Commonwealth*, \$2.50.
- LECTURES ON CONDITIONED REFLEXES, Vol. 2—Ivan P. Pavlov, tr. by W. Horsley Gantt—*Internat. Pubs.*, \$4.
- LIFE: A PSYCHOLOGICAL SURVEY—Sidney L. Pressey and others—*Harper*, \$3.25.
- MEN AGAINST MADNESS—Lowell S. Selling—*Greenberg*, \$3.50.
- MODERN MARRIAGE—Moses Jung, ed.—*Crofts*, \$3.75.
- MODERN MARRIAGE—Paul Popenoe—*Macmillan*, \$2.25.
- NEW FACTS ON MENTAL DISORDERS—Neil A. Dayton—*Thomas*, \$4.50.
- 1939 YEAR BOOK OF NEUROLOGY, PSYCHIATRY AND ENDOCRINOLOGY—Hans H. Reese, Elmer L. Sevringhaus and Nolan D. C. Lewis—*Year Book*, \$3.
- ORGANIZING AND MEMORIZING, Studies in the Psychology of Learning and Teaching—George Katona—*Columbia*, \$3.50.
- PERSONALITY AND PROBLEMS OF ADJUSTMENT—Kimball Young—*Crofts*.
- THE PLANS OF MEN—Leonard W. Doob—*Yale U.*, \$3.
- PSYCHIATRIC CLINICS FOR CHILDREN—Helen Leland Witmer—*Commonwealth*, \$2.50.
- PSYCHIATRIC SOCIAL WORK—Lois Meredith French—*Commonwealth*, \$2.25.
- PSYCHOLOGY—Shaffer and others—*Harper*, \$2.50.*
- PSYCHOLOGY, 4th ed.—Robert S. Woodworth—*Holt*, \$2.75.*
- THE PSYCHOLOGY AND ETHICS OF SPINOZA—D. Bidney—*Yale*, \$3.50.
- PSYCHOLOGY IN EDUCATION—H. Soreson—*McGraw*.
- PSYCHOLOGY OF ADOLESCENCE, Rev.—Karl C. Garrison—*Prentice-Hall*.
- PSYCHOLOGY OF NORMAL PEOPLE—Joseph Tiffin, Frederick B. Knight and Charles C. Josey—*Heath*.
- THE RELATION OF MUSCULAR ACTION TO IMAGINAL WEIGHT LIFTING—William A. Shaw—*Archives of Psychology*, \$1.
- THE RELATIVE EFFICIENCY OF ACTUAL AND "IMAGINARY" PRACTICE IN FIVE SELECTED TASKS—Horace M. Perry—*Archives of Psychology*, \$1.25.
- THE SCIENCE OF PSYCHOLOGY, 2d ed.—Raymond Holder Wheeler—*Crowell*, \$2.75.
- SOCIAL AND BIOLOGICAL ASPECTS OF MENTAL DISEASE—Benjamin Malzberg—*State Hospitals Press*, \$2.50.
- SOCIAL PSYCHOLOGY—Charles Bird—*Appleton*, \$3.50.*
- SOCIAL PSYCHOLOGY—O. Klineberg—*Holt*, \$3.*
- SOME CORRELATES OF CERTAIN ATTITUDES OF THE UNEMPLOYED—Anthony E. Tucker—*Archives of Psychology*, \$1.
- STUDENTS GUIDE FOR BEGINNING THE STUDY OF PSYCHOLOGY, Rev.—Willard L. Valentine and others—*Prentice-Hall*, \$2.
- STUDIES IN THE DEVELOPMENT OF YOUNG CHILDREN—Nancy Bayley—*U. Calif.*
- STUDIES OF ABNORMAL BEHAVIOR IN THE RAT, II—A Comparison of Some Convulsion-Producing Situations, 1, 2, 3—Norman R. F. Maier and N. M. Glaser—*Johns Hopkins*.
- A STUDY OF EXPERIMENTALLY INDUCED COMPETITIVE BEHAVIOR IN THE WHITE RAT—Charles Nelson Winslow—*Johns Hopkins*.
- A STUDY OF MOTOR ACHIEVEMENTS OF YOUNG CHILDREN—Mary V. Gutteridge—*Archives of Psychology, Columbia*, \$1.50.
- TECHNIQUE OF ANALYTICAL PSYCHOTHERAPY—Wilhelm Stekel—*Norton*, \$5.
- TEXTBOOK OF PSYCHIATRY, 3d ed.—Arthur H. Noyes and E. Haydon—*Macmillan*, \$2.50.*
- VOCABULARY CHANGES IN MENTAL DETERIORATION—Harry M. Capps—*Archives of Psychology*, \$1.25.
- WE CALL IT HUMAN NATURE—Paul Garbbe—*Harper*, \$2.50.
- YOUR CHILD'S DEVELOPMENT AND GUIDANCE TOLD IN PICTURES—Lois Hayden Meek—*Lippincott*, \$2.

Zoology

- ALL ABOUT ELEPHANTS (for ages 8-12)—Dorothy Edwards—*Dutton*, \$1.75.
- ANIMAL SEX CONTROL, A Practical Guide for Breeders—Carl Warren, ed. by Thomas Duffee—*Judd*, \$1.75.
- ANIMALS AS FRIENDS AND HOW TO KEEP THEM—Margaret Shaw and James Fisher—*Dutton*, \$2.50.
- THE AUDUBON GUIDE TO ATTRACTING BIRDS—John H. Baker, ed.—*Doubleday*, \$2.50.
- BEE-KEEPING FOR ALL, 5th ed.—Tickner Edwards—*Dutton*, \$1.75.
- THE BIRDS OF BUCKEYE LAKE, OHIO—Milton B. Trautman—*U. Mich.*, \$3.*
- BIRDS OF WESTERN PENNSYLVANIA—W. E. C. Todd—*U. Pittsburgh*, \$5.
- A BRIEF ANATOMY OF THE TURTLE—Glenn A. and Elmer R. Noble—*Stanford*, \$1.
- CANADIAN LAND BIRDS—P. A. Taverner—*McKay*, \$2.50.
- CANADIAN WATER BIRDS—P. A. Taverner—*McKay*, \$2.50.
- CHECK LIST OF BIRDS OF THE WORLD—James L. Peters—*Harvard*, \$4.
- A CONTRIBUTION TO THE HERPETOLOGY OF FLORIDA—A. F. Carr, Jr.—*U. Fla.*, \$1.35.
- DOG OWNER'S HANDBOOK—Fredson T. Bowers—*Sun Dial*, 98c.
- FABRICIAN TYPES OF INSECTS IN THE HUNTERIAN COLLECTION—Robert A. Staig—*Cambridge (Macmillan)*, \$8.*
- FLEAS OF EASTERN UNITED STATES—Irving Fox—*Iowa State Coll.*, \$3.
- THE GREAT NATURALISTS EXPLORE SOUTH AMERICA—P. R. Cutright—*Macmillan*, \$3.50.
- AN INTRODUCTION TO ENTOMOLOGY, 9th ed.—J. H. Comstock; Rev. by G. W. Herrick—*Comstock*, \$5.
- INTRODUCTION TO VERTEBRATE ZOOLOGY—William Henry Atwood—*Mosby*, \$3.75.
- THE INVERTEBRATES: PROTOZOA THROUGH CTENOPHORA—L. H. Hyman—*McGraw*, \$7.
- MALLY: The Story of a Dog—Russell R. Cockburn—*Macmillan*, \$2.*
- MY FRIENDS THE BABOONS—E. N. Marais—*McBride*, \$1.75.
- NOTES ON TEXAS SNAKES OF THE GENUS SALVADORA—Karl P. Schmidt—*Field Mus.*
- OUTLINE OF GENERAL ZOOLOGY—Gordon Alexander—*Barnes & Noble*, 75c.
- THE RATTLESNAKES, GENERA *SISTRURUS* AND *CROTALUS*: A Study in Zoogeography and Evolution—Howard K. Gloyd—*Chicago Acad. of Sci.*, \$2.50.
- THE SPIDER BOOK—John H. Comstock—*Doubleday*, \$6.
- STORY OF BEES—Pennsylvania Federal Writers Project—*Whitman*, 50c.
- SYMPOSIUM ON PROTOZOA—Gary N. Calkins, ed.—*Columbia*.
- TAXONOMIC KEYS TO THE COMMON ANIMALS OF MINNESOTA, EXCLUSIVE OF THE PROTOZOA, PARASITIC WORMS, INSECTS, AND BIRDS—Samuel Eddy and A. C. Hodson—*Burgess*, \$1.50.*
- VOICES FROM THE GRASS—Julie Closson Kenly—*Appleton*, \$2.
- A WATERHEN'S WORLDS—Eliot Howard—*Cambridge (Macmillan)*, \$2.50.*
- WILD BIRD-NEIGHBORS—Alvin M. Peterson—*Bruce*.
- WILD LIFE CONSERVATION—Ira N. Gabrielson—*Macmillan*, \$3.
- WONDER CREATURES OF THE SEA—A. Hyatt Verrill—*Appleton*, \$3.

Miscellaneous

- AMERICANA ANNUAL — *Encyclopedia Americana*, \$10.
- THE ANNUAL (Yearbook of 1939, Supplementing The World Book Encyclopedia)—S. Edgar Farquhar, ed.—*Quarrie Corp.*, \$1.
- BATTLE STATIONS—Alec Hudson—*Macmillan*, \$1.25.
- BOOK OF DIAMONDS—J. Willard Hershey—*Chem. Pub.*, \$2.
- THE BRITANNICA BOOK OF THE YEAR, 1940—*Encyclopaedia Britannica*, \$10.
- CONTEMPORARY AMERICAN AUTHORS—Fred B. Millet—*Harcourt*, \$3.75.
- THE CREATIVE ADULT: SELF-EDUCATION IN THE ART OF LIVING—Hughes Mearns—*Doubleday*, \$3.
- THE DICTIONARY OF PAPER—*Amer. Paper and Pulp Assn.*, \$5.
- FILM INDEX—Works Projects Administration—*Wilson*.
- HEREDITY AND SOCIAL PROBLEMS—L. L. Burlingame—*McGraw*, \$3.50.
- HOW TO READ A BOOK, The Art of Getting a Liberal Education—Mortimer J. Adler—*Simon & Schuster*, \$2.50.
- INTRODUCING PAPER—T. Brown—*Chem. Pub.*, \$1.50.
- A LIST OF BOOKS FOR COLLEGE LIBRARIES, 1931-1939—Charles B. Shaw—*Amer. Lib. Assoc.*
- MECHANISM OF WAR—Hollis LeR. Muller—*Military Service Pub. Co.*, \$2.50.
- MYTHOLOGY OF THE SOUL—H. G. Baynes—*Williams & Wilkins*, \$9.
- NEW WORLD ORDER—H. G. Wells—*Knopf*, \$1.50.
- POPULATION, A PROBLEM FOR DEMOCRACY—Gunnar Myrdal—*Harvard*, \$2.
- READER'S GUIDE TO PROSE FICTION—Elbert Lenrow—*Appleton*, \$3.
- THE SHADOW OF ATLANTIS—A. Braghine—*Dutton*, \$3.50.
- SMALL DIRECTORY OF ADDRESSES—Mahala Saville—*Faxon*, \$1.25.
- STATESMAN'S YEAR BOOK, 1940—M. Epstein, ed.—*Macmillan*, \$5.50.
- TECHNIQUE OF MODERN ARMS—Hollis LeR. Muller—*Military Service Pub. Co.*, \$2.50.
- THE WAQFIYAH OF 'AHMED PASA—Muhammed Ahmed Simsar—*U. Penn.*, \$3.
- WHO WAS WHEN? A Dictionary of Contemporaries—Miriam A. deFord—*Wilson*.
- WRITING THE TECHNICAL REPORT—J. Raleigh Nelson—*McGraw*, \$2.50.