

•First Glances at New Books

Additional Reviews
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BIOLOGY

BIOLOGY OF THE LABORATORY MOUSE—The Staff of the Roscoe B. Jackson Memorial Laboratory; Clarence C. Little, director, George D. Snell, editor—*Blakiston*, 497 p., illus., \$7. From nowhere better than the Jackson Laboratory could have come a complete and authoritative treatise on the laboratory mouse, for that place can properly claim status as Mouse Headquarters for the world. The book begins at the smallest beginnings, with a chapter on The Early Embryology of the Mouse, and pursues its subject through Histology, Neoplasms, Genetics, and so on to the parasites and infectious diseases that give murologists some of their worst troubles.

Science News Letter, July 26, 1941

PHARMACY—BIOGRAPHY

CORNER DRUGGIST—Robert B. Nixon, Jr.—*Prentice-Hall*, 291 p., \$2.50. This is the biography of a member of a vanishing tribe, the corner druggists. The special characteristics of this particular one perhaps made his life more interesting and colorful than the average, but many of the incidents and the general atmosphere are doubtless typical.

Science News Letter, July 26, 1941

MEDICINE

MEDICINE AND HUMAN WELFARE—Henry E. Sigerist—*Yale Univ. Press*, 148 p., illus., \$2.50. The development of medicine and public health is discussed from historical and sociological angles in this interesting and thought-provoking book.

Science News Letter, July 26, 1941

PALEOBOTANY

PALEOECOLOGY OF TWO PEAT DEPOSITS ON THE OREGON COAST—Henry P. Hansen—*Oregon State College*, 31 p., 50c.

Science News Letter, July 26, 1941

HOROLOGY

WATCHES, Adjustment and Repair—F. J. Camm—*Chemical Pub. Co.*, 166 p., illus., \$2.50. A concise and up-to-date book on modern methods of repairing, adjusting and timing watches, including such recent developments as electric watch rate recorders like that developed by the Western Electric Co. Of British origin.

Science News Letter, July 26, 1941

ELECTRICAL ENGINEERING

WIRING CIRCUITS FOR LIGHTING, POWER AND INDUSTRIAL CONTROL—J. R.

Stuart—*Chemical Pub. Co.*, 208 p., illus., \$2.50. Volume 5 in the "Electrical Engineer" series, issued in England, this handy work deals with such methods of control as the photocell, motor starting, flashing and dimming of lights, etc.

Science News Letter, July 26, 1941

AERONAUTICS

INTRODUCTION TO AVIATION—James P. Eames—*Chemical Pub. Co.*, 196 p., illus., \$3.50. Although no one can learn to fly an airplane merely by studying a book, the embryo pilot has a definite advantage if he is already familiar with the principles that he will encounter. Such a book as this will do much to give him that familiarity.

Science News Letter, July 26, 1941

ELECTROCHEMISTRY

ELECTRO-PLATING AND ANODISING—J. Rosslyn—*Chemical Pub. Co.*, 224 p., illus., \$2.50. As volume 12 in the English "Electrical Engineering" series, this book is a concise account of the principles and methods of electrical deposition of metal films, not only for ornamental purposes, but also for the formation of a protective coating in industrial applications.

Science News Letter, July 26, 1941

TECHNOLOGY

CHEMISTRY OF PULP AND PAPER MAKING (3d ed.)—Edwin Sutermeister—*Wiley*, 529 p., \$6.50. Though the first two editions (1920 and 1929) of this authoritative work were entirely by Mr. Sutermeister, in this new one he has obtained the collaboration of a number of experts to write chapters regarding their special fields, because "it was felt that no one person could do justice to all the subjects which it was desired to include."

Science News Letter, July 26, 1941

ARCHAEOLOGY—BOTANY

TREE-RING ANALYSIS AND DATING IN THE MISSISSIPPI DRAINAGE—Florence Hawley—*Univ. of Chicago Press*, 110 p., 7 pl., \$1.50. A pioneer study of tree rings in a large area of the Middle West, with a view to dating types of culture, and migrations and other events occurring when Mound Builder Indians occupied the region. The annual growth rings of trees now carry weather records in this area back to 1318 A.D., in addition to dating Indian remains.

Science News Letter, July 26, 1941

Improved Bibliofilm

Service for Research

The Library of the U. S. Department of Agriculture and the American Documentation Institute announce an important improvement in the service of scientific literature for research purposes.

Bibliofilm Service, formerly operated by the American Documentation Institute under cooperative agreement with the United States Department of Agriculture, is being operated by the United States Department of Agriculture. The American Documentation Institute is continuing to cooperate by loan of equipment and joining in facilitating maximum service.

Important simplifications in service inaugurated include:

A flat price of 50 cents is established for any size periodical article.

Arrangements are being made to facilitate copying of material, wherever it may be found, by transferring orders.

Due to the flat price established, remittance with each order is practical, eliminating troublesome bookkeeping transactions.

New Price Scales

The rate for microfilm copying of any single article, regardless of its length, from any single volume of a periodical publication, will be a flat charge of 50 cents on the basis of cash-with-order.

The rate for copying from books will be 50 cents for each 50 pages or fraction thereof.

Photostats will be furnished at a charge of 20 cents a print, with a minimum charge of 50 cents per item.

All charges, except for state and federal agencies, are on the basis of cash-with-order.

Payments may be made by cash or by check drawn to the Treasurer of the United States.

The American Documentation Institute is enabled by this arrangement to give major attention to the important function of auxiliary publication through microfilm, sets of journals in microfilm, and other activities of service to the scientific and scholarly world.

The American Documentation Institute is refunding Bibliofilm Service deposit accounts as of August 1.

Orders for microfilm or photostat copies of materials in the Department of Agriculture Library should be addressed to U. S. Department of Agriculture Library, Washington, D. C.

Correspondence relating to auxiliary publication, sets of journals, etc. should be addressed to the American Documentation Institute, Science Service Building, 1719 N St., N. W., Washington, D. C.

AMERICAN DOCUMENTATION INSTITUTE

Watson Davis, President

U. S. DEPARTMENT OF AGRICULTURE LIBRARY
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MEDICINE—AERONAUTICS

FIT TO FLY, A Medical Handbook for Fliers—Malcolm C. Grow and Harry G. Armstrong—*Appleton-Century*, 387 p., \$2.50. Men, fit for flying, are just as essential in aerial warfare as the planes that carry them along. The Army Air Corps top flight surgeons have written in simple but accurate language a guide to health for aviators, that will be valuable to fledgling and veteran pilot alike.

Science News Letter, July 26, 1941

MEDICINE

TOBACCO AND HEALTH, Some Facts About Smoking (2d ed.)—Arthur H. Steinhaus and Florence M. Grunderman—*Association Press*, 48 p., 35c.

Science News Letter, July 26, 1941

MEDICINE

DIET IN SINUS INFECTIONS AND COLDS (2d ed.)—Egon V. Ullmann—*Macmillan*, 185 p., \$2.

Science News Letter, July 26, 1941

MEDICINE

HELP YOUR DOCTOR TO HELP YOU WHEN YOU HAVE: Food Allergy, 50 p.; Gastric or Duodenal Ulcer, 53 p.; Sick Headache or Migraine, 37 p.; Colitis, 30 p.; Gallstones and Disease of the Gallbladder, 31 p.—Walter C. Alvarez, ed.—*Harper*, 95c each. A useful series of simply written books intended to supplement but not to replace the advice of the patient's physician. Many a busy practitioner who cannot always answer all the patient's questions about his ailment will find that these books answer the questions for him.

Science News Letter, July 26, 1941

EDUCATION—MEDICINE

YOUR CAREER IN NURSING—Cecilia L. Schulz—*Whittlesey House*, 205 p., \$2. This book is especially timely because the national defense demand for more nurses has undoubtedly turned many a young girl's thoughts to nursing as a career. This book tells, in a snappy style that will be appreciated by the modern Miss, what it takes to become a registered nurse.

Science News Letter, July 26, 1941

HISTORY

THE LURE OF GOLD—William B. Goodwin—*Meador Pub. Co.*, 215 p., illus., \$2. The story of the five lost ships of Christopher Columbus is the narrative thread of this book. The author quotes many references to bring out clues as to

the fate of these ships. Chapters on the appearance of Columbus and the whereabouts of his remains are also included.

Science News Letter, July 26, 1941

MEDICINE

SCIENCE AND SEIZURES, New Light on Epilepsy and Migraine—William Gordon Lennox—*Harper*, 258 p., \$2. See page 53.

Science News Letter, July 26, 1941

MATHEMATICS

FIRST YEAR OF COLLEGE MATHEMATICS—Henry J. Miles—*Wiley*, 607 p., \$3. This text, the author points out, is not intended for a survey course, nor to give merely a smattering of various branches of mathematics. Algebra, plane trigonometry, plane and solid analytic geometry and the beginnings of calculus are included, with their interrelations kept constantly before the student.

Science News Letter, July 26, 1941

PHYSIOLOGY

BIOLOGICAL SYMPOSIA—Jaques Cattell, ed.; Vol. III, **MUSCLE**—Wallace O. Fenn, ed.—*Jaques Cattell Press*, 370 p., \$3.50. Intended as a "source book of modern information on this complicated subject" for teachers and investigators. The scope of the book had to be limited because of difficulty in obtaining manuscripts from European investigators, but it will doubtless be of considerable interest and usefulness nevertheless.

Science News Letter, July 26, 1941

MEDICINE

DISEASES OF THE DIGESTIVE SYSTEM AND FOOD ALLERGY—Josef S. Smul—*Medical Library Co.*, 219 p., \$3.50. Fellow physicians may be interested in the author's original views on the subject.

Science News Letter, July 26, 1941

PUBLIC HEALTH—HYGIENE

PUBLIC HEALTH AND HYGIENE, A Students' Manual (3d ed.)—Charles Frederick Bolduan and Nils William Bolduan—*Saunders*, 366 p., \$3.

Science News Letter, July 26, 1941

MEDICINE

OBESITY AND LEANNESS—Hugo R. Rony—*Lea & Febiger*, 300 p., illus., \$3.75. A technical book for general medical practitioners. Said to be the first comprehensive presentation of the subject since 1900.

Science News Letter, July 26, 1941

MEDICINE—HEALTH

TOUGHEN UP, AMERICA!—Victor G. Heiser—*Whittlesey House*, 228 p., \$2. Health advice, facts and anecdotes are pleasantly blended in this book which is written in an authoritative manner bound to prove comforting to many readers. In fact, Dr. Heiser writes with such persuasiveness that many a reader of this book will doubtless start doing the recommended setting-up exercises even though he considers them as boring as Dr. Heiser confesses he finds them.

Science News Letter, July 26, 1941

TRAVEL—ZOOLOGY

ELECTRIC EEL CALLING—Shelby Shackelford—*Scribner's*, 258 p., illus. by author, \$3. This is more than another travel book, more than a popular treatise on tropical natural history. The artist wife of a scientist who has traveled to Brazil to study the physics of the electric eel finds time, between spells of assisting him, to take long, penetrating and sympathetic looks at the human scene.

Science News Letter, July 26, 1941

SPORT

LUCK IN ALL WEATHERS, Personal Adventures in Hunting and Fishing—Donal Hamilton Haines—*Farrar & Rinehart*, 285 p., \$2.50. An experienced sportsman gives sound advice to his fellows, with illustrations from his own experience. Whether your weapon is gun or rod, you'll find this book appetizing reading.

Science News Letter, July 26, 1941

RECREATION

TIME ON THEIR HANDS, A Report on Leisure, Recreation, and Young People—C. Gilbert Wrenn and D. L. Harley—*Amer. Council on Education*, 266 p., \$2. A comprehensive round-up of the recreation needs of youth in our country, and what governmental and private agencies are doing to meet the needs. It presents facts and ideas which should be helpful to workers in this field and additional reading suggestions at the close of each chapter.

Science News Letter, July 26, 1941

ORNITHOLOGY

SPECIATION IN THE AVIAN GENUS JUNCO—Alden H. Miller—*Univ. of Calif. Press*, 261 p., \$3. A monograph of interest to systematic ornithologists and to taxonomists generally.

Science News Letter, July 26, 1941