

• First Glances at New Books

Additional Reviews
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Government

GOVERNMENT PUBLICATIONS AND THEIR USE—Laurence F. Schmeckebier—*The Brookings Institution*, 446 p., \$3. A vast fund of information of almost every type is published by the Government and is available to the public—if it can be located. This volume is a guide to a bewildered public; it describes guides and indexes already existing, calls attention to valuable series of publications and tells where and how they may be obtained. A valuable feature is an 11-page list of libraries receiving and filing government publications.

Science News Letter, April 10, 1937

Documentation

MANUAL ON METHODS OF REPRODUCING RESEARCH MATERIALS—Robert C. Binkley—*Edwards Bros.*, 207 p., illus., \$3.50. This is the result of a survey made for the Joint Committee on Materials for Research of the Social Science Research Council and the American Council of Learned Societies. The various methods of producing copies, ranging from carbon copies to printed books and including microfilming, are examined.

Science News Letter, April 10, 1937

Engineering

AIR CONDITIONING — INSULATION. TREATS OF THE PRINCIPLES AND APPLICATIONS OF INSULATION AS USED TO RETARD HEAT LOSSES AND GAINS, AND TO GUARD AGAINST FIRE, SOUND, VIBRATION, CONDENSATION, AND TERMITES IN BUILDINGS—J. Ralph Dalzell and James McKinney—*American Tech. Soc.*, 301 p., illus., A technical volume for engineers.

Science News Letter, April 10, 1937

Chemistry

TALBOT'S QUANTITATIVE CHEMICAL ANALYSIS (8th ed.)—rev. by Leicester F. Hamilton and Stephen G. Simpson—*Macmillan*, 297 p., \$2.50. The well-known Massachusetts Institute of Technology text on the subject now reaches another edition but the general content is unchanged. There is a bit more expansion of the theoretical discussions.

Science News Letter, April 10, 1937

Travel

GRAND TOUR, A JOURNEY IN THE TRACKS OF THE AGE OF ARISTOCRACY—R. S. Lambert, ed.—*Dutton*, 167 p., illus., \$2.50. The unusual experience of looking backward several centuries, and touring Europe as a young aristocrat bent on polishing off his education, is

offered in this book. What these seventeenth and eighteenth century Britishers saw on the Continent—traveling conditions, art galleries, the Alps as they were, is told by seven authors.

Science News Letter, April 10, 1937

Travel

EXPLORERS CLUB TALES, TRUE STORIES OF EXPLORATION, RESEARCH AND ADVENTURE, AS TOLD AT THE EXPLORERS CLUB BY MEN OF DARING AND ACHIEVEMENT—*Dodd, Mead*, 301 p., illus., \$3. Truth is stranger than fiction, these stories by famous explorers often remind us. The 30 story tellers include such names as Amundsen, Ellsworth, Granger, Holmes, Thomas, and Byrd. And the tales carry the reader from Cape Horn to China and from Morocco to Eskimo land.

Science News Letter, April 10, 1937

Travel

THE SOUTHERN GATES OF ARABIA, A JOURNEY IN THE HADHRAMAUT—Freya Stark—*Dutton*, 327 p., 116 plates, \$3.75. An Englishwoman adventuring alone into the famous and difficult Hadhramaut region; this is the story. Miss Stark has a gift for liking people, a quality which brings Arab tribesmen before you as interesting, often charming personalities. The adventure ends with illness and an airplane rescue, instead of the expected arrival at the capital city Shabwa.

Science News Letter, April 10, 1937

Physiology

THE PHYSIOLOGICAL BASIS OF MEDICAL PRACTICE, A UNIVERSITY OF TORONTO TEXT IN APPLIED PHYSIOLOGY—Charles Herbert Best and Norman Burke Taylor—*Wm. Wood*, 1684 p., illus., \$10. Unlike many physiology textbooks, this huge and comprehensive volume from the University of Toronto physiology department connects physiological facts closely with conditions met in medical practice and thus will be valuable to the student as he goes into the clinical part of his medical course.

Science News Letter, April 10, 1937

Chemistry

THE COSMETIC FORMULARY, HOW TO MAKE COSMETICS, PERFUMES, SOAPS, AND ALLIED PRODUCTS; VOL. I.—H. Bennett—*Chemical Pub. Co. of N. Y.*, 279 p., \$3.75. By the author of the *Chemical Formulary*.

Science News Letter, April 10, 1937

History of Science

NUMBERS AND NUMERALS, A STORY BOOK FOR YOUNG AND OLD—David Eugene Smith and Jekuthiel Ginsburg—*Teachers College, Columbia Univ.*, 52 p., illus., 25c. Pupils who "hate arithmetic" should be the first to have a chance to read this booklet. It puts the enlivening sap of an interesting past into the sometimes dry subject—and should also arouse a lively sense of the advantages of the modern system of numeration and calculation over those that preceded it.

Science News Letter, April 10, 1937

Chemistry

A LABORATORY GUIDE TO THE STUDY OF QUALITATIVE ANALYSIS, BASED UPON THE APPLICATION OF THE THEORY OF ELECTROLYTIC DISSOCIATION AND THE LAW OF MASS ACTION (10th ed.)—E. H. S. Bailey and Hamilton P. Cady—*Blakiston's*, 322 p., \$2. Despite the death of the senior author since the last edition this popular book retains its former title. It has been revised to bring the material up to date, and sections of the book on the properties of ions and their separation have been rewritten to express current views.

Science News Letter, April 10, 1937

Animal Behavior

INTERVIEWING ANIMALS—Bastian Schmid, transl. by Bernard Miall—*Houghton Mifflin*, 223 p., illus., \$3. Dogs, cats, foxes, apes, herons, falcons, all kinds of animals, have served as grist to Bastian Schmid's avid observational mill. There is an almost parental affection in the way he watches them, and in the way he tells of the interesting things they do.

Science News Letter, April 10, 1937

Ornithology

BIRDS AROUND THE YEAR—Lorine Letcher Butler—*Appleton-Century*, 242 p., illus., \$2. This is the kind of book you will want if you like birds but don't know as much about them as you wish you did. It isn't at all learned or textbooky, but it gets essential information across to the reader just the same.

Science News Letter, April 10, 1937

Pharmacy

THE DISPENSATORY OF THE UNITED STATES OF AMERICA (22nd. ed.)—Horatio C. Wood and others—*Lippincott*, 1894 p., \$15, \$15.75, thumb indexed. See p. 236.

Science News Letter, April 10, 1937

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Agriculture

HANDBOOK OF FARMING FOR BOYS AND GIRLS—R. A. Power and Vincent Earl Kivlin—*Hale*, 657 p., illus., \$2. This book is bound to be popular in rural schools, and it ought to be required reading in city schools as well. And it isn't made-easy, watered-down agriculture, either: if all our present knowledge of farming should by some black magic be taken away, a very decent new start could be made on the basis of what is in this book.

Science News Letter, April 10, 1937

Gardening

YOUR CITY GARDEN—Margaret McKenny and E. L. D. Seymour—*Appleton-Century*, 215 p., plates, \$2.50. Man is ever homesick for Eden; even when he chooses to dwell in Babylon he builds hanging gardens on the city's dizzy towers. Whether your city garden is on a penthouse terrace, or in a crowded back lot, or in pots indoors and windowledge boxes, there will be something for you in this book. Exile in Babylon is harder on plants than it is on ourselves; the authors know of ways to ease it and prolong green lives.

Science News Letter, April 10, 1937

Nature Study

SCIENCE STORIES, BOOK THREE—Wilbur L. Beauchamp, Harriet M. Fogg, Gertrude Crampton and William S. Gray—*Reilly & Lee*, 256 p., illus., \$1.25. About animals and plants and the woods and the weather, in simple sentences of carefully chosen lower-grades-vocabulary words, with plenty of colored pictures.

Science News Letter, April 10, 1937

Dietetics—Psychology

THE PSYCHOLOGY OF EATING—Lewis Robert Wolberg—*McBride*, 321 p., \$3. Besides giving directions and diet lists for reducing or gaining weight, this simply written book contains much amusing, yet sound information on the general subject of food and nutrition. Careful reading should develop not only a point of view on eating, which the author says is necessary, but may also provide the basis for much agreeable and appropriate dinner table conversation.

Science News Letter, April 10, 1937

Anthropology, Juvenile

INDIANS TODAY—Mario and Mabel Scacheri—*Harcourt, Brace*, 182 p., plates, \$2. With beautiful photographs and an entertaining and educational story of visiting Southwestern Indian homes,

this book for children offers a glimpse of Indians as they are, "courteous, fun-loving, just, kindly human beings." The Indian as a wild savage or a shiftless ward of the government is not the typical Indian as young Americans should know him, so the authors believe.

Science News Letter, April 10, 1937

Biography

MARCONI: THE MAN AND HIS WIRELESS—Orrin Dunlap, Jr.—*Macmillan*, 360 p., plates, \$3.50. An authoritative biography of the father of wireless, written by the radio editor of the *New York Times*. Although his beginnings of wireless belong to the last century, Marconi is still making progress with micro waves, and radio is still his passion.

Science News Letter, April 10, 1937

Dendrology—Xylology

FORESTS, TREES, AND WOOD; INFORMATION UNITS FOR STUDENTS IN WOODWORKING—Francis E. Tustison—*Manual Arts*, 95 p., illus., 65c. Fundamentals of information about trees and their habits, wood and its uses, for use by industrial arts classes in the elementary schools. It should help to make woodworking in the school mean something more than just glorified whittling.

Science News Letter, April 10, 1937

Chemistry

LEÇONS DE CHIMIE PHYSIQUE APPLIQUÉE A LA BIOLOGIE; VI; Diffusions dans les Liquides, 90 p., 20 fr.; VII, Diffusion dans les Gels et les Solides, 50 p., 12 fr.—J. Duclaux—*Hermann & Cie, Paris*.

Science News Letter, April 10, 1937

Engineering—Travel

THE TRAILER HOME, WITH PRACTICAL ADVICE ON TRAILER LIFE AND TRAVEL—Blackburn Sims—*Longmans, Green*, 128 p., illus., \$1.50. Hints and tips on trailer life which should save many a headache; at least on the first venture into this wanderlust type of living.

Science News Letter, April 10, 1937

Nutrition

FOOD, NUTRITION AND HEALTH (4th ed. rev.)—E. V. McCollum and J. Ernestine Becker—*published by authors, Balto., Md.*, 154 p., \$1.50. The latest edition of this simply written, popular book for the layman seems to outdo its predecessors in practical helpfulness and readability.

Science News Letter, April 10, 1937

Astronomy

AMATEUR TELESCOPE MAKING, ADVANCED: A SEQUEL TO AMATEUR TELESCOPE MAKING—Albert G. Ingalls, ed.—*Munn*, 650 p., illus., \$3. The success of amateur telescope making as a hobby which the *Scientific American's* associate editor has so ably fostered, now leads to a more detailed book of methods by more than a score of authors. Over 300,000 words, 57 chapters and 359 illustrations make it a thorough-going reference work in its field.

Science News Letter, April 10, 1937

Physics

SYMPOSIUM ON RADIOGRAPHY AND X-RAY DIFFRACTION METHODS—*American Society for Testing Materials*, 350 p., illus., \$4. In permanent printed form comes this important symposium of 1936 dealing with the application of X-rays in the industrial field.

Science News Letter, April 10, 1937

Engineering

MARINE ELECTRIC POWER—Q. B. Newman—*Simmons-Boardman*, 159 p., illus., \$2. A retired captain of the U. S. Coast Guard writes a simple book on electricity and its applications to ships and shipping. The strong marine point of view will be welcomed by struggling mariners trying to fathom the devices which now help run their vessels.

Science News Letter, April 10, 1937

Technology

THE MAKING AND MOULDING OF PLASTICS—L. M. T. Bell—*Chemical Pub. Co. of N. Y.*, 238 p., illus., \$5. A British book, written in simple style, which reviews the history, the present practices and probable developments in the field of plastic molding.

Science News Letter, April 10, 1937

Chemistry

INORGANIC CHEMISTRY, A SURVEY OF MODERN DEVELOPMENTS—Sir Gilbert T. Morgan and Francis Hereward Burstall—*Chemical Pub. Co. of N. Y.*, 462 p., \$6. A British text that brings the subject up to date and includes mention of the isotopes of hydrogen and the newer work on artificial disintegration.

Science News Letter, April 10, 1937

Housing

CURRENT DEVELOPMENTS IN HOUSING—*The Annals of the American Academy of Political and Social Science*, vol. 90, 285 p., \$2 paper, \$2.50 cloth.

Science News Letter, April 10, 1937