

• First Glances at New Books

Additional Reviews
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MEDICINE

DIRECTORY OF MEDICAL SPECIALISTS, Certified by American Boards, 1939—Paul Titus, ed.—*Columbia Univ. Press*, 1573 p., \$5. This is the first official directory listing names, addresses and biographic data of medical specialists in the United States. By medical specialists is meant those physicians certified, by examining boards, as qualified to practice in some special field of medicine: for example, surgeons certified by the American Board of Surgery, eye doctors certified by the American Board of Ophthalmology, etc. Certification by any one of these boards is evidence that the physician "is qualified by training to be recognized as a specialist, instead of being merely a self-styled 'specialist.'" Because several of the boards are still "young," many older, fully qualified men have not yet been certified, so that not all the qualified specialists will appear in this Directory. The volume and succeeding editions which are promised every two years should be extremely helpful in many ways.

Science News Letter, August 10, 1940

MEDICINE

VITAMIN E: A Symposium Held under the Auspices of the Food Group . . . of the Society of Chemical Industry . . . at the School of Hygiene and Tropical Medicine, Keppel Street, London—*Chemical Pub. Co.*, 88 p., \$2. Medical scientists will be interested in the papers of this symposium. They deal almost exclusively with the chemistry of vitamin E and its effects on reproduction. The relation of the vitamin to muscular dystrophies and nerve degenerative disorders, subject of many recent clinical reports, is barely mentioned.

Science News Letter, August 10, 1940

MEDICINE

VITAMIN D—C. I. Reed, H. C. Struck and I. E. Steck—*Univ. of Chicago Press*, 389 p., \$4.50. The general public knows vitamin D as a rickets-preventing and curing substance given to babies and growing children. Since that point was established, however, medical scientists have continued investigations on the vitamin, its chemistry, its effects on the body in varying doses and the possibilities of overdosage and of use of the vitamin in treating other ailments. In this book the authors present the results of some of their findings on these subjects.

The book is too technical for lay reading, but fellow scientists will be interested.

Science News Letter, August 10, 1940

PHYSIOLOGY

A TEXTBOOK OF PHYSIOLOGY (14th ed., rev.)—William H. Howell—*Saunders*, 1117 p., illus., \$7.50. This standard textbook has again been brought up to date, including such very recent discoveries as the role of vitamin K in control of hemorrhage in the new-born.

Science News Letter, August 10, 1940

BIOCHEMISTRY

ANNUAL REVIEW OF BIOCHEMISTRY, Vol. IX, 1940—James Murray Luck and James H. C. Smith, eds.—*Annual Reviews, Inc.*, 744 p., \$5. This volume of the Review should be doubly appreciated in view of the war-borne difficulties that attended its preparation, including delayed mails and inaccessibility of some journals published abroad. Individual scientists are finding it hard to see original publications and thus are more dependent than ever on such volumes as this.

Science News Letter, August 10, 1940

MEDICINE

MODERN DIABETIC CARE—Herbert Pollock—*Harcourt, Brace*, 216 p., \$2. This book, intended for persons with diabetes and their physicians, contains a vast amount of sound, practical information on diet, insulin and protamine zinc insulin, exercise, general hygiene and the like.

Science News Letter, August 10, 1940

MEDICINE

OBSERVATIONS MADE DURING THE EPIDEMIC OF MEASLES ON THE FAROE ISLANDS IN THE YEAR 1846—Peter Ludwig Panum; translated from the Danish by Ada Sommerville Hatcher—*Delta Omega Society; distributed by Amer. Public Health Assoc.*, 111 p., \$2.50. Physicians and public health workers will be interested in this classic of epidemiology.

Science News Letter, August 10, 1940

BIOGRAPHY—MEDICINE

I GO HORIZONTAL—Duff Gilfond—*Vanguard*, 281 p., \$2.50. The author tells, in informal style, her experiences during an attack of encephalitis, popularly known as sleeping sickness. For those who like to read about symptoms and doctors and hospitals, this book will provide exciting entertainment.

Science News Letter, August 10, 1940

GENERAL SCIENCE

DANGEROUS THOUGHTS—Lancelot Hogben—*Norton*, 283 p., \$2.75. The author of "Mathematics for the Millions" views science and the world about us as a scientific humanist, aligning himself neither with the "credit monopolists" nor with the Left intellectuals. From the epilogue, written after anti-Hitler war came to England: "The party programme of the Age of Plenty will not be drafted by men united in a common impulse to oppose, to contradict, and to destroy. It will be the work of men united in the impulse to create a new order."

Science News Letter, August 10, 1940

EDUCATION

THE CURRICULUM OF THE COMMON SCHOOL—Henry C. Morrison—*Univ. of Chicago Press*, 681 p., \$4. A plan for the ideal curriculum as conceived by the author. Although the book is primarily intended for teachers and school officials, its content is of great interest as well to all parents and indeed all Americans.

Science News Letter, August 10, 1940

NUTRITION

HEIL HUNGER! Health Under Hitler—Martin Gumpert—*Alliance Book Corp.*, 128 p., \$1.75. "This book studies the effect of the Nazi regime on the health of the German people. . . . For six years Germany has lived under what amounts to war-time conditions, and is today found in such a weakened physical state that it is doubtful if her people can from a physical standpoint endure much more privation."

Science News Letter, August 10, 1940

PSYCHOLOGY

LIFE: A PSYCHOLOGICAL SURVEY (2d. ed.)—Sidney L. Pressey, J. Elliott Janney and Raymond G. Kuhlen—*Harper*, 654 p., \$2.50. This readable book from the psychology department of Ohio State University is intended to give the reader a very practical understanding of himself and others—an understanding which will enable him to "make his own life more successful and more happy, and to deal with others more wisely."

Science News Letter, August 10, 1940

MEDICINE

BLOOD GROUPS AND BLOOD TRANSFUSION (2d. ed.)—Alexander S. Wiener—*Thomas*, 306 p., illus., tables, \$5.

Science News Letter, August 10, 1940

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BOTANY

A MANUAL OF AQUATIC PLANTS—Norman C. Fassett—*McGraw-Hill*, 382 p., illus., \$4. Botanists, especially taxonomists and ecologists, will rise up to bless the name of Fassett for bringing out this book. Plants of the water and waterside have a habit of being among the “peskiest” things to identify correctly that ever get into a vasculum. These keys and illustrations make the work easy for most species, possible even for the most difficult. The quality of the habit sketches, combining accurate representation of critical characters with a feel for artistic composition not always present in botanical drawings, is especially worthy of note.

Science News Letter, August 10, 1940

RECREATION

FOREST OUTINGS—Russell Lord, ed.—*Govt. Print. Off.*, 311 p., illus., Paper, 75c., Buckram, \$1.25. In the new program of multiple use for America's forest lands, not the least of the uses is public recreation. Better than it has ever been done before, the possibilities for pleasant outings in the woods are set forth in this well-illustrated volume by thirty foresters, under the editorship of one of the best known of “nature publicists.”

Science News Letter, August 10, 1940

GEOGRAPHY

THE POCKET GUIDE TO THE WEST INDIES—Sir Algernon Aspinall—*Chemical Pub. Co.*, 525 p., maps, \$3.75. The ninth edition, described as completely revised, this chunky small volume gives travel information not only for islands but nearby mainland of the American tropics. It has many maps and plans, and a good index. It will fit into a blanket roll.

Science News Letter, August 10, 1940

ECONOMICS

PLANNING FOR PRODUCTIVITY—K. Lönnberg-Holb and C. Theodore Larson—*International Industrial Relations Inst.*, 43 p., \$1. A check-list of information which must be taken into account in connection with production in any field, technical, industrial and cultural, with building used as an example.

Science News Letter, August 10, 1940

ANTHROPOLOGY

THE ANTHROPOLOGY OF IRAQ, Part I, No. 1, The Upper Euphrates—Henry Field—*Field Museum of Natural History*, 224 p., 48 pl., \$1.50. The first vol-

ume of a comprehensive report on anthropometric studies in Iraq and Syria. In addition to the tables and discussions on this subject, the volume includes much information about the land, health conditions among the Arabs, mammals collected by the Museum, and other topics.

Science News Letter, August 10, 1940

ANTHROPOLOGY

INGALIK MATERIAL CULTURE—Cornelius Osgood—*Yale Univ. Press*, 496 p., illus., \$4. Recognizing an important gap in ethnographic knowledge of North American cultures in interior Alaska, Dr. Osgood has made a detailed study of material culture in the Indian village at Anvik on the lower Yukon. This report is to be followed by others, of more interpretive nature.

Science News Letter, August 10, 1940

ANTHROPOLOGY

RITUAL ABLATION OF FRONT TEETH IN SIBERIA AND AMERICA—Ales Hrdlicka—*Smithsonian Institution*, 32 p., 5 pl., 30c. Cranial evidence is presented which indicates that pulling one or more healthy teeth of adolescents was a rite in parts of the Old World from upper Paleolithic times. The custom reached prehistoric America, Dr. Hrdlicka concludes, in fairly recent times.

Science News Letter, August 10, 1940

PHOTOGRAPHY

MAKE YOUR PICTURES SING! How to Perfect Your Technique—Paul Louis Hexter—*Camera Craft*, 188 p., illus., \$3. The click of the shutter is only a very small part of the procedure of making a beautiful photograph. If your interest in photography extends to the secrets of the darkroom, you will want to own this book which provides fundamentals for the beginner and new ideas for the experienced photographer.

Science News Letter, August 10, 1940

CHEMISTRY

THEORETICAL QUANTITATIVE ANALYSIS—Louis Waldbauer—*Blakiston*, 248 p., \$2.75. An introductory account of the theory at the basis of quantitative analysis, making use of modern developments.

Science News Letter, August 10, 1940

CHEMISTRY

LABORATORY MANUAL FOR GENERAL CHEMISTRY, A First Course—Leon E. Young and C. W. Porter—*Prentice-Hall*, 255 p., illus., \$1.95.

Science News Letter, August 10, 1940

PHYSICS

PHENOMENA AT THE TEMPERATURE OF LIQUID HELIUM—E. F. Burton, H. Grayson Smith and J. O. Wilhelm—*Reinhold*, 362 p., diagrams, \$6. It was in 1923 that Onnes, at Leiden, first liquefied helium, but now it is available at a score of laboratories, and a considerable amount of research has been done at the low temperatures obtained with it, down to a small fraction of a degree K. In this book the director of the McLennan Laboratory of the University of Toronto, the second place where helium was liquefied, and two of his associates cover these studies in a complete and authoritative manner.

Science News Letter, August 10, 1940

CHEMISTRY

SPECIFIC AND SPECIAL REACTIONS FOR USE IN QUALITATIVE ANALYSIS, With Particular Reference to Spot Test Analysis—F. Feigl; translated from a revision of the third German edition by Ralph E. Oesper—*Nordemann*, 192 p., \$3.50. Previously, the practical part of Dr. Feigl's work in German was made available in English as “Qualitative Analysis by Spot Tests.” This book answers the demand for a translation of the theoretical section.

Science News Letter, August 10, 1940

CHEMISTRY

QUALITATIVE ANALYSIS AND CHEMICAL EQUILIBRIUM (Rev. ed.)—T. R. Hogness and Warren C. Johnson—*Holt*, 538 p., \$2.90. As in the first edition, the aim of this text is not merely to teach analytical technique, but to use it to help the student understand basic principles. The authors also endeavor to introduce the student early in his career to “semi-micro” procedures.

Science News Letter, August 10, 1940

MEDICINE

OPHTHALMOLOGY—Burton Chance—*Hoeber*, 240 p., \$2. Much of interest, both historical and modern, appears in this review of progress in knowledge about eyes and their diseases.

Science News Letter, August 10, 1940

ENTOMOLOGY

THE STORY OF BEES—WPA Pennsylvania Writer's Project—*Albert Whitman*, 45 p., illus., 50c. The story of one of the most interesting and familiar of insects, told in short words and straightforward fashion for the youngest readers.

Science News Letter, August 10, 1940