

• First Glances at New Books

Additional Reviews
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Psychology

COMPETITION AND COOPERATION—Mark A. May and Leonard W. Doob, 191 p., \$1.; MEMORANDUM ON RESEARCH IN COMPETITION AND COOPERATION—389 p., \$1.—Gordon Allport, Gardner Murphy and Mark A. May—*Social Science Research Council*. A world in flux with systems challenged that used to be taken for granted, and other systems apparently solid as rock that used to be considered empty chimeras, has need of an objective examination of the bases of human social and economic behavior. This the present study endeavors to offer.

Science News Letter, July 31, 1937

Ornithology

BIRDS OF THE WAYSIDE AND WOODLAND—T. A. Coward, ed. by Enid Blyton,—*Frederick Warne*, 352 p., illus., \$3. A British book, compact in size but containing a great deal of information about the birds of the Islands.

Science News Letter, July 31, 1937

Botany

ECONOMIC BOTANY: A TEXTBOOK OF USEFUL PLANTS AND PLANT PRODUCTS—Albert F. Hill—*McGraw-Hill*, 592 p., illus., \$4. A new and very solidly written book by a research botanist at Harvard. Fibers, forest products, and other non-food uses of plants are given first treatment and are discussed at greater length than is usually accorded industrial aspects of economic botany in most textbooks.

Science News Letter, July 31, 1937

Psychology—Ethnology

COOPERATION AND COMPETITION AMONG PRIMITIVE PEOPLES—Margaret Mead, ed.—*McGraw-Hill*, 531 p., \$4. Taking 13 examples from tribes all over the world Dr. Mead and other contributing authors report on primitive attitudes toward one fundamental problem of human society. It is expected that such material will prove helpful in planning similar research on modern attitudes.

Science News Letter, July 31, 1937

Technology

INTERNATIONAL CONTROL IN THE NON-FERROUS METALS—William Yandell Elliott, Elizabeth S. May, J. W. F. Rowe, Alex Skelton, and Donald H. Wallace—*Macmillan*, 801 p., charts, \$6.50. Complete and valuable studies by the Bureau of International Research of Harvard University and Radcliffe College which give in detail the origin, production, financial and political history

and the economic importance of the various non-ferrous metals. The political implications in the distribution of the world's supply of nickel, aluminum, tin, copper, lead, and zinc are by no means the least important part of this book.

Science News Letter, July 31, 1937

Physics

COLLEGE PHYSICS (2d ed.)—Arthur L. Foley—*Blakiston's*, 777 p., \$3.75. The enlarged edition of this popular text on physics for colleges contains an almost complete revision of all the problems; so that the solutions and answers which earlier classes may have filed away and presented to or sold to their later academic followers will no longer be useful.

Science News Letter, July 31, 1937

Psychology

OCCUPATIONAL GUIDANCE—Paul W. Chapman—*Turner E. Smith*, 632 p., illus., \$1.76. A well-illustrated textbook from the University of Georgia which the author has taken the trouble to have checked for accuracy by those in immediate touch with the various fields discussed.

Science News Letter, July 31, 1937

Botany

GENERAL AND ECONOMIC BOTANY—Ernest Elwood Stanford—*Appleton-Century*, 675 p., illus., \$4. Not merely how plants are put together and what they do with themselves, but especially what they signify to human beings for both good and ill, constitutes the particular angle of this out-of-the-ordinary college textbook. "Pure" botany and its applications are skilfully woven into the same fabric throughout.

Science News Letter, July 31, 1937

Public Health

THE SANITARIAN AND HIS DUTIES—Grace L. Loye—*Edwards*, 200 litho-printed p., \$2.50. This is a guide book which presents in concise form the complex and innumerable situations which the sanitarian and sanitary inspector meet in their daily routine and the information they should have for handling these situations effectively. The lay reader, unless possessed of considerable curiosity about civic and public health matters, will not be much interested, but students of sanitary science and public health administrators should find the book useful.

Science News Letter, July 31, 1937

Botany

A ROSE ODYSSEY: REMINISCENCES OF MANY TRIPS TO EUROPEAN ROSE CENTERS—J. H. Nicholas—*Doubleday, Doran*, 238 p., illus., \$2.50. An Americanized Gaul, whose fathers before him loved roses, lived with roses—who himself has indeed lived on roses, in that he has for many years raised and bred them—here talks with rare charm and fullness of knowledge about that favorite of all flowers. He has known roses in all lands of Europe as well as in America, and has shades of appreciation as delicate yet as definite as their own color nuances. If you love roses, here are roses to your heart's content.

Science News Letter, July 31, 1937

Botany

PLANTS USEFUL TO MAN (2d ed.)—Wilfred W. Robbins and Francis Ramaley—*Blakiston*, 422 p., illus., \$3.50. (See page 78.)

Science News Letter, July 31, 1937

Child Care

THE ILLEGITIMATE CHILD IN ILLINOIS—Dorothy Frances Puttee and Mary Ruth Colby. Sophonisba P. Breckinridge, ed.—*Univ. of Chicago*, 250 p., \$1.25.

Science News Letter, July 31, 1937

Obstetrics

SAFELY THROUGH CHILDBIRTH: A GUIDE BOOK FOR THE EXPECTANT MOTHER—A. J. Rongy—*Emerson*, 192 p., illus., \$2. This small book contains a large amount of information, presented in simple, readable form, which should be helpful to the expectant mother. A concluding chapter discusses the changes that come at the end of the child-bearing period in middle life.

Science News Letter, July 31, 1937

Medicine

MEDICAL USES OF RADIUM, SUMMARY OF REPORTS FROM RESEARCH CENTRES FOR 1935—Medical Research Council—*H. M. Stationery Office, London*, 38 p., illus., 1s, postage extra. Technical reports of interest chiefly to radiologists and physicians specializing in cancer treatment and research.

Science News Letter, July 31, 1937

Physics

FUNDAMENTALS OF PHYSICS—Donald Menzies Bennett—*Swift*, 236 p., \$3.50. A freshman physics text as used at the University of Louisville. In the present first edition planigraphy is used as a means of reproduction.

Science News Letter, July 31, 1937

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Public Health

METROPOLITAN LIFE INSURANCE CO. PAMPHLETS: Appendicitis, I Am Counting on You, Good Teeth at All Ages, Film Folder, Food Needs for Health, How to Promote Community Safety—Available to accepted health and social agencies, if request is sent direct to *Welfare Division, Metropolitan Life Insurance Co., 1 Madison Ave., New York, N. Y.* Simply written, sound factual information and advice on the various subjects is given in the four leaflets or pamphlets. "I Am Counting on You" takes up protection of children against diphtheria. The Film Folder describes available Metropolitan health films and how to obtain them.

Science News Letter, July 31, 1937

Psychology

VISUAL PERCEPTION—M. D. Vernon—*Cambridge (Macmillan)*, 247 p., \$4.50. A technical book of interest chiefly to psychologists. The author, feeling that in recent years interest has focused largely on studies of learning and remembering, has turned her attention to perception and in this volume brings together in unbiased fashion the experimental work in visual perception and its results.

Science News Letter, July 31, 1937

Mathematics

A FIRST YEAR OF COLLEGE MATHEMATICS—Raymond W. Brink—*Appleton-Century*, 667 p., \$3.50. A complete and concise freshman text, written by the professor of mathematics at the University of Minnesota.

Science News Letter, July 31, 1937

Psychology

PRIMITIVE BEHAVIOR: AN INTRODUCTION TO THE SOCIAL SCIENCES—William I. Thomas—*McGraw-Hill*, 847 p., \$5. Science is probing the "why" of human behavior in the simpler and varied primitive societies, hoping thereby to deal more effectively with our own problems. This text emphasizes the part that habit systems and different interpretations of experience play, in shaping human beings to their particular form of life.

Science News Letter, July 31, 1937

Agriculture

INDEX TO TECHNICAL BULLETINS Nos. 1-500—Mabel G. Hunt—*Govt. Print. Off.*, 249 p., 20c. Another of Miss Hunt's indices, so invaluable to the librarian or research worker who needs

to use the publications of the U. S. Department of Agriculture.

Science News Letter, July 31, 1937

Chemistry

SPECIFIC TESTS FOR USE IN THE "QUAL." COURSE—Wayne E. White—*Pub. by author, Lawrence, Kansas*, 14 p., 25 c. per copy, 5 per cent. discount on orders of 20 or more. Newer reagent tests and methods for a course in qualitative analysis.

Science News Letter, July 31, 1937

Medicine

PHYSICIANS AND MEDICAL CARE—Esther Lucile Brown—*Russell Sage Foundation*, 202 p., 75 c.

Science News Letter, July 31, 1937

Anthropology

SOCIAL ANTHROPOLOGY OF NORTH AMERICAN TRIBES: ESSAYS IN SOCIAL ORGANIZATION, LAW, AND RELIGION—Fred Eggan and others.—*Univ. of Chicago*, 456 p., \$3. Papers in honor of Prof. A. R. Radcliffe-Brown, who leaves the University of Chicago this autumn to take the chair of anthropology at Oxford University. The seven contributors are all anthropologists, formerly students of Prof. Radcliffe-Brown, and their studies of kinship systems and other social phenomena reflect his influence as an eminent teacher.

Science News Letter, July 31, 1937

Entomology

ATLAS OF THE SCALE INSECTS OF NORTH AMERICA—F. G. Ferris—*Stanford University*, loose-leaf form, by genera and species, being issued as each series is completed. Prices and descriptive circular obtainable from Stanford University. Each sheet figures one species, and gives in brief synopsis its synonymy, hosts and distribution, habit, and recognition characters, with short supplementary notes.

Science News Letter, July 31, 1937

Psychiatry

PSYCHIATRIC SOCIAL SERVICE IN A CHILDREN'S HOSPITAL: TWO YEARS OF SERVICE IN BOBS ROBERTS MEMORIAL HOSPITAL FOR CHILDREN, UNIVERSITY OF CHICAGO CLINICS—Ruth M. Gartland—*Univ. of Chicago*, 105 p., \$1.25. This volume, of interest chiefly to psychiatrists, social workers and administrators of hospital social service departments, describes the methods found useful in one Chicago hospital, and illustrates the methods with one detailed case report.

Science News Letter, July 31, 1937

Physics

AN OUTLINE OF ATOMIC PHYSICS (2d ed.)—Oswald H. Blackwood, Elmer Hutchisson, Thomas H. Osgood, Arthur E. Ruark, Wilfred N. St. Peter, George A. Scott, and Archie G. Worthing—*Wiley*, 414 p., illus., \$3.75. This popular book on atomic physics for undergraduate students has been revised since it was first issued in 1933 and now incorporates the vast amount of new knowledge which has accumulated in the intervening years. Its aim is to steer a middle course between the advanced mathematical books on one side and the popular atomic books which make use of analogies and word pictures on the other.

Science News Letter, July 31, 1937

Industrial Chemistry

FOOD TECHNOLOGY—Samuel C. Prescott and Bernard E. Proctor—*McGraw-Hill*, 630 p., \$5. Much of the kitchen, and practically all of the old-time market booth, have moved into factory and vast warehouse: our daily bread (and milk, and meat, and all else that we eat) have become subjects of engineering. This book is a thorough-going text for advanced university students, as well as a good reference for those who are already engaged in food-handling jobs.

Science News Letter, July 31, 1937

Engineering

THERMAL CONDUCTIVITY OF BUILDING MATERIALS—Frank B. Rowley and Axel B. Algren—*Univ. of Minnesota*, 134 p., paper \$1, cloth \$1.50. Engineering bulletin on the insulating properties of the typical building materials.

Science News Letter, July 31, 1937

Paleobotany

STARUNIA: NO. 14. INTERGLACIAL IN PONIEMUN NEAR GRODNO—J. Dyakowska—*Polish Academy of Sciences*, 11 p., tables.

Science News Letter, July 31, 1937

Biochemistry

ANNUAL REVIEW OF BIOCHEMISTRY, VOL. VI.—James Murray Luck, ed.—*Annual Review of Biochemistry, Ltd.*, 708 p., \$5.

Science News Letter, July 31, 1937

Anthropology

TRIBAL DISTRIBUTION IN OREGON: MEMOIRS OF THE AMERICAN ANTHROPOLOGICAL ASSOCIATION—Joel V. Berreman—*American Anthropological Association*, 67 p., 75 c.

Science News Letter, July 31, 1937