

● First Glances at New Books

Additional Reviews
On Page 208

Medical Economics

THE COST OF MEDICAL CARE—Donald B. Armstrong, Louis I. Dublin and Elizabeth J. Steele—*Metropolitan Life Insurance Co.*, 61 p., free. This study of costs in the families of field employees of the Metropolitan Life Insurance Company was undertaken to furnish an independent check on the findings of the Committee on the Costs of Medical Care. For the most part, the findings of the two investigations are quite similar. Some but not all of the differences are due to differences in the composition of the two groups of families studied.

Science News Letter, September 29, 1934

Medicine

LANE MEDICAL LECTURES: BIOCHEMICAL STUDIES OF NUTRITIONAL PROBLEMS—J. C. Drummond—*Stanford University Press*, 106 p., cloth, \$1.50, paper, \$1.00. Medical students and physicians who were not fortunate enough to hear these lectures by an eminent English authority on nutrition will be interested in this publication, which is, however, too technical for lay reading.

Science News Letter, September 29, 1934

Education—Sociology

THE EDUCATION OF THE NEGRO IN THE AMERICAN SOCIAL ORDER—Horace Mann Bond—*Prentice-Hall*, 501 p., \$2.75. This book describes conditions as they are today, with an introductory historical account of Negro education from the Reconstruction era to the present. That Negro children constitute America's "most unfortunate class" is the verdict of the author, who is the Dean of Dillard University. Constructive discussion of ways in which the situation may be improved is a feature of the book.

Science News Letter, September 29, 1934

Botany

FERNS OF THE NORTHWEST—Theodore C. Frye—*Metropolitan Press*, 176 p., \$2.00. Compact, concise, cleanly illustrated, this book fills a need long felt by botanists all the way from Wyoming to the Pacific, and from British Columbia to central California.

Science News Letter, September 29, 1934

Zoology

THE FOOTPRINT SERIES: THE LION; THE BEAR; THE DEER; WILD SHEEP AND GOATS—*The Orthovis Co.*, 4 vol.,

25c. each. Each of these little books contains several bichrome offset pictures and is provided with a suitable binocular viewing screen which produces a strikingly realistic stereoscopic effect. A brief text, simple but not offensively "written down" supplies continuity.

Science News Letter, September 29, 1934

Dendrology

TALKING LEAVES—Julius King. Illustrations by Evan Thurber—*Harier Pub. Co.*, 62 p., 10c. plus postage. The very attractive format of this little book, showing specimen twigs printed in green against an inch-scale background, together with habit pictures and distribution maps, will recommend it to scout leaders, nature study teachers, and wander-birds generally.

Science News Letter, September 29, 1934

Physiology

WHAT ABOUT ALCOHOL—Emily Bogen and L. W. S. Hisey—*Scientific Education Publishers*, 112 p., \$1.50. In readable text, persuasive abstinence arguments based on "facts divorced from propaganda" are presented. School children who are allowed to read this book instead of the preachy, scary temperance material of pre-prohibition days are fortunate.

Science News Letter, September 29, 1934

Psychology

FAITH, FEAR AND FORTUNES—Daniel Starch—*Richard R. Smith*, 226 p., \$2.00. A psychologist's view of what lies behind this depression and others past and to come. The remedy, he sug-

gests, lies not so much in control of prices, control of production, control of credit and control of money as in control of the national psychology. A chapter is devoted to the "Psychology of the New Deal."

Science News Letter, September 29, 1934

Dendrology

NORTH AMERICAN TREES—Samuel J. Record—*Field Museum of Natural History*, 119 p., 50c. Although designed primarily as a guide to the collection of North American tree specimens in the Field Museum, this little book can profitably travel in woods many hundreds of miles from Chicago. It tells briefly and understandably the principal facts about our principal trees, and supplements text with clean-cut line illustrations.

Science News Letter, September 29, 1934

Narcotics

TRAFFIC IN OPIUM AND OTHER DANGEROUS DRUGS FOR THE YEAR 1933—*Govt. Print. Off.*, 82 p., 10c.

Science News Letter, September 29, 1934

Botany

COMMON WEEDS—Paul C. Standley—*Field Museum of Natural History*, 31 p., 25c. Although professing to be of use only in the city of Chicago, this booklet can with profit be carried about in one's pocket in practically any town in the United States, at least east of the Sierras, for town weed floras, like town tramp faunas, are remarkably uniform in their makeup.

Science News Letter, September 29, 1934

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Additional Reviews
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Ethnology

THE DIABOLIC ROOT—Vincenzo Petruccio—*University of Pennsylvania Press*, 185 p., \$2. Writing under an ironic title, Dr. Petruccio gives us an account of what the Indian peyote religion is about. It is hard to write about the peyote plant, its effects on mind and body, without bias. There has been much excited denunciation of this Indian cult, without enough understanding of the facts. Dr. Petruccio has approached the problem as he would any other ethnological study. Making friends with the Delawares, he was admitted to peyote ceremonies, and the Indians talked freely to him about their religion. There are still facts to be learned about peyote, but the situation is clearer, thanks to this report.

Science News Letter, September 29, 1934

Pathology

MICROBIOLOGY AND ELEMENTARY PATHOLOGY—Charles G. Sinclair—*F. A. Davis*, 377 p., \$2.75. Second edition of a textbook for student nurses. In simple, clear terms the chief disease-causing organisms are described, together with the changes they produce in the body.

Science News Letter, September 29, 1934

Histology

A TEXTBOOK OF HISTOLOGY—E. V. Cowdry—*Lea and Febiger*, 503 p., \$5.50. A text for medical students which aims to relate structure and function in the whole body. Although Prof. Cowdry believes the students are "beyond the picture book stage" and should learn from study of body tissues themselves, his book is profusely and beautifully illustrated. There is a bibliography as well as an index.

Science News Letter, September 29, 1934

Radio

MEASUREMENT IN RADIO—F. H. Lumley—*Bureau of Educational Research, Ohio State University*, 318 p., \$3.00. One's first thought on picking up this book and reading its title is "Oh, here's another of those volumes on how to measure volts, watts and amperes." Actually the book tells the relative merits of all the schemes by which radio broadcasters and advertisers attempt to weigh a program's appeal to the public. And how a given performer's popularity with the public may be judged. People who do not sponsor radio programs or run radio stations will

find the greatest appeal in the chapter on "Psychological Factors in Listening," which tells what radio audiences remember about a program and why.

Science News Letter, September 29, 1934

Petroleum

THE CHEMISTRY OF PETROLEUM DERIVATIVES—Carleton Ellis—*Chemical Catalog Co.*, 1285 p., \$18.00. Encyclopedic volume covering all the literature, both in industry and pure science, on the thousands of substances derived from crude petroleum. Included also is patent information on the subject seldom located without much effort. The volume should be a standard reference in the field for years to come.

Science News Letter, September 29, 1934

Land Use

THE REHABILITATION OF THE FLORIDAN KEYS—John C. Gifford—*University of Miami*, 79 p., 50c. The author lays out a comprehensive program for the development of the Floridan Keys, to include both economic and recreational aspects. Certainly it would seem that if these alluring little tropical islands, so near to world highways of land, sea and air, could have their mosquito population abated and otherwise be made more suitable for human habitation, humans would be willing enough to inhabit them, either permanently for subsistence or temporarily for rest and recreation.

Science News Letter, September 29, 1934

Ichthyology

AMERICAN FOOD AND GAME FISHES—David Starr Jordan and Barton W. Evermann—*Doubleday, Doran*, 574 p., \$5.00. A new edition of a classic so well known to anglers and ichthyologists, to outdoorsmen and scientists generally, that extended comment is unnecessary. Like its predecessors, it is abundantly illustrated.

Science News Letter, September 29, 1934

Physics

TRAVAUX RÉCENTS SUR LES MOLECULES DANS LE SOLEIL, LES PLANETES ET LES ÉTOILES—P. Swings—*Hermann et Cie., Paris*, 44 p., 14 francs.

Science News Letter, September 29, 1934

Animal Psychology—Genetics

WORKING DOGS—Elliott Humphrey and Lucien Warner—*Johns Hopkins Press*, 253 p., \$3.50. The report of an attempt to produce by selective breeding a strain of German shepherds which combine working ability with beauty. Those interested in animal psychology or just in dogs will find appeal in the discussion of what psychological traits are valuable in dogs and the inheritance of such traits.

Science News Letter, September 29, 1934

Mineralogy

HOW TO COLLECT MINERALS—Peter Zodac—*Rocks and Minerals, Peekskill, N. Y.*, 80 p., \$1.00. A boy with his first collector's fever upon him and few available facilities for taking care of what he collects does well by devoting himself to minerals: the first specimens are not easily broken or otherwise damaged. From this, mineral collecting may range on through to careful curatorship of the most fragile crystal growths or the sheer acquisitiveness of the gem fancier. This pamphlet will guide the boy, and also aid the more advanced mineral collector, at least through the earlier stages of the art.

Science News Letter, September 29, 1934

Agricultural Economics

DECLINE AND RECOVERY OF WHEAT PRICES IN THE 'NINETIES—Food Research Institute, 63 p., \$1.00; **PACIFIC NORTHWEST WHEAT PROBLEMS AND THE EXPORT SUBSIDY**—Food Research Institute, 73 p., \$1.00. With wheat very much in the public consciousness, at first because there was so much that low prices were ruining the farmers, then because the drought made everyone uneasy lest there be a sudden scarcity, these two new studies of the Food Research Institute are timely and will doubtless be of much interest to students.

Science News Letter, September 29, 1934

Mining

ARIZONA LODE GOLD MINES AND GOLD MINING—Eldred D. Wilson, J. B. Cunningham and G. M. Butler—*University of Arizona*, 261 p., free.

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