

• First Glances at New Books

Additional Reviews
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Zoology—Geography

THE BOOK OF ZOÖGRAPHY—Raymond L. Ditmars. Illustrated by Helene Carter—*Lippincott*, 64 p., \$2. One of the most cleverly conceived and charmingly executed ideas yet, in zoology books for younger readers. The illustrations are superimposed in their appropriate places on full-page colored maps—sometimes with an extension of the Equator to make room for all the monkeys; the text, of course, like any Ditmars text, needs no blurb. Finest kind of a present for higher-I. Q. youngsters.

Science News Letter, March 30, 1935

Mental Hygiene

PSYCHOLOGY AND HEALTH—H. Bannister—*Macmillan*, 256 p., \$2.50. Written to give medical students and the general practitioner an idea of "the workings of the human mind and how they affect the body and behavior," this book is sufficiently simple and non-technical to be useful to social workers, nurses and parents.

Science News Letter, March 30, 1935

Pharmacology

THE PHYSICK GARDEN—Edith Grey Wheelright—*Houghton*, 288 p., \$3. The author gives an interesting account of the medical use man has made of plants from the early days of prehistory down to the modern days of vitamins. The book is well illustrated and will appeal to the amateur gardener as well as to students of history, medicine and pharmacy.

Science News Letter, March 30, 1935

Paleobotany

LES MÉGASPORES DU BASSIN HOUILLER POLONAISE: Ière Partie—Jan Zerndt—*Académie Polonaise des Sciences et des Lettres, Kraków*, 55 p., 32 plates, 14 figures, 21 tables; Procurable from the *Académie, Kraków, Poland*. An elaborate quantitative study of pteridophyte megaspores found in a number of Polish mines and test borings. Of interest primarily to paleobotanists.

Science News Letter, March 30, 1935

Forestry—Reclamation

THE RECLAMATION OF THE EVERGLADES WITH TREES—John C. Gifford—*Books, Inc.*; May be secured from *University of Miami, Fla.*, 89 p., 50c. The author, who has already expressed in other publications his original and

emphatic views on untried possibilities of tropical agriculture and silviculture in Florida, has equally bold proposals for the utilization of the wide grassy Everglades. Cocopalm, pencil cedar, various tree species yielding rubber, tropical fruits and nuts, are among the things he would like to see tried.

Science News Letter, March 30, 1935

Anthropology

ENVIRONMENT AND GROWTH—Barkev S. Sanders—*Warwick and York*, 375 p., \$4.12. Much too deep for lay reading, although the subject matter, bearing on the old question of heredity vs. environment, is always interesting, this monograph will be both interesting and valuable to scientists studying the problem, whether from the standpoint of child development, sociology or anthropology.

Science News Letter, March 30, 1935

Geology

WHEN COAL WAS FORMED—Prepared and published by the *Museum of Science and Industry*, chart, 17x30 inches, 15c. A graphic chart of the geologic ages, giving timescales from Archaeozoic to Present, and showing the relative developments of various plant orders at various periods of coal formation.

Science News Letter, March 30, 1935

Geography

PHYSIOGRAPHIC DIAGRAM OF SOUTH AMERICA—Guy-Harold Smith—*Geographical Press, Columbia University*, Text, diagram and exercises, 35c each, or 25c. each for ten or more. Other diagrams and charts for continents, states, etc., at various prices. A new type of map for university courses in geography, geology, etc. The continent is mapped in outline, with physiographic features well represented; place names, which often over-burden maps, are printed separately on an overlay sheet. A considerable body of text is printed on the back of the chart and on an accompanying sheet.

Science News Letter, March 30, 1935

Mathematical Physics

MATHEMATICAL PROBLEMS OF RADIATIVE EQUILIBRIUM—Eberhard Hopf—*Cambridge University Press*, 104 p., \$2.10.

Science News Letter, March 30, 1935

Eugenics

VOLUNTARY STERILIZATION—C. P. Blacker—*Oxford*, 145 p., \$1.75. The author of this book is general secretary of the Eugenics Society in England, which for four years has been urging "that sterilization be legalized for persons likely to transmit serious mental or physical defects to posterity." The book also is a plea for legalization of sterilization.

Science News Letter, March 30, 1935

Zoology

HOMES AND HABITS OF WILD ANIMALS—Karl Patterson Schmidt; Illustrated by Walter Alois Weber—*M. A. Donohue & Co.*, 64 p., \$1.50. Real animal lives, simply told for younger readers, yet without a trace of the too-frequent condescension which intelligent children quickly detect and resent. The vivid narrative is enlivened with lively line drawings on the page margins, and interspersed with really beautiful color plates. Fortunate the boy or girl who gets this natural-history book for a present!

Science News Letter, March 30, 1935

Botany

OUR AMERICAN MAPLES AND SOME OTHERS—Margaret Curtin Finlay—*Pub. by Author, Allenhurst, N. J.*, 19 p., 43 plates, \$3. The maple is one of the "homiest" of trees, humming with bees in spring, giving dense shade in summer, gorgeously colored in the fall. Deservedly, it has many lovers. Here, one of them tells briefly but appreciatively about all our native and some introduced species, with fine, clear photographic illustrations and workable identification "keys."

Science News Letter, March 30, 1935

Agricultural Economics

A PROGRAM FOR LAND USE IN NORTHERN MINNESOTA—Oscar B. Jesness and Reynolds I. Nowell—*Univ. of Minnesota*, 338 p., \$2.50. This book is a type study in land utilization by the University of Minnesota and the U. S. Department of Agriculture. It takes one of the most difficult of marginal or barely super-marginal farm areas in this country, analyzes it carefully both agronomically and economically, and tries to reach a practicable decision on what to do about it.

Science News Letter, March 30, 1935

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Philosophy

THE PHILOSOPHY OF A BIOLOGIST—J. S. Haldane—*Oxford*, 155 p., \$2.50. Prof. Haldane meets the old charge of materialism, leveled against science by some religious teachers, with a disconcerting *tu quoque*: "There is no reason to suppose that Christianity will not continue to survive. It seems evident, however, that in order to survive and develop it must harmonize itself with the development of culture in other directions. That it is doing so is evident enough; but the main hindrance is, it appears to me, the materialism which prevails in the ordinary present-day interpretation of our universe, and which penetrates Christian theology. Christianity must rid itself of materialism and be ready to cope with materialism and any other forms of anti-religious ideas, if it is to survive and at the same time retain or regain the adherence of a large part of the educated classes."

Science News Letter, March 30, 1935

General Science

YEAR BOOK NO. 33—*Carnegie Institution of Washington*, 405 p., \$1., paper, \$1.50, cloth. The record of another year's progress in science by one of the leading American research institutions.

Science News Letter, March 30, 1935

Immunology

BLOOD GROUPS AND BLOOD TRANSFUSIONS—Alexander S. Wiener—*Charles C. Thomas*, 220 p., \$4. While this book is too technical for the average lay reader, it should be useful to the busy general practitioner and other scientists desiring a clear and concise presentation of the facts. The chapter on medicolegal applications is particularly lucid and should be helpful to lawyers as well as medical men.

Science News Letter, March 30, 1935

Physiology

PHYSICAL DEFECTS, THE PATHWAY TO CORRECTION—*American Child Health Assn.*, 171 p., Paper, \$1., Cloth, \$1.25. This is the report of a two-year investigation into the reasons why physical defects or health handicaps in school children remain uncorrected. Although the investigation was limited to New York City schools, the findings are applicable to other school systems, particularly in large cities. The weaknesses

in the school health service are clearly summarized and measures for improving the situation are recommended. The study reported here should prove a big contribution to child health throughout the country.

Science News Letter, March 30, 1935

Ichthyology

TROPICAL FISHES FOR THE HOME; THEIR CARE AND PROPAGATION—F. H. Stoye—*Carl Mertens*, 284 p., 167 plates, \$4. Second edition, revised and enlarged, with added illustrations, of one of the most complete books on these beautiful and interesting pets, whose culture has assumed almost the proportions of a cult.

Science News Letter, March 30, 1935

Paleobotany

STARUNIA—B. Szafran and others—*Académie Polonaise des Sciences et des Lettres, Kraków*—5 parts, Procurable from the *Académie, Kraków, Poland*. Accounts of mosses, insects and mammals found associated with the remarkable woolly rhinoceros discovered a few years ago in Poland.

Science News Letter, March 30, 1935

Botany

FERNS OF NORTH CAROLINA—H. L. Blomquist—*Duke Univ. Press*, 131 p., \$2. Concise descriptions, with habitat notes, illustrated with clean-cut line drawings and good photographs, make this book on the pteridophyta of one state an excellent mark for writing botanists in other commonwealths to shoot at. The country needs more local and regional floras like this.

Science News Letter, March 30, 1935

Physical Education

ACHIEVEMENT SCALES IN PHYSICAL EDUCATION ACTIVITIES—N. P. Neilson and Frederick W. Cozens—*Barnes*, 171 p., \$1.60. Gives teachers of physical education in grade and junior high schools a method of testing their pupils' progress. Some 79,000 children were tested in the course of developing the scales to their present form.

Science News Letter, March 30, 1935

History of Science

COSMOGONIES OF OUR FATHERS—Katherine Brownell Collier—*Columbia Univ. Press*, 500 p., \$5. A record of some of the cosmic systems devised by men in early modern times, well documented and sympathetically commented upon. A survey of the ideas about the universe here brought together impresses one with both the ingenuity and the sincerity of our forebears, in their synthesis of faulty and insufficient data, especially in view of their need to reconcile it with contemporary theological and philosophical prepossessions.

Science News Letter, March 30, 1935

Biology

THE STRUGGLE FOR EXISTENCE—G. F. Gause—*Williams and Wilkins*, 163 p., \$3.00. One of the leaders among the younger group of Russian biologists attacks the question of natural selection, which has been rather baffling to field naturalists since Darwin, under laboratory conditions with statistical methods, after the manner of Raymond Pearl in this country. Dr. Pearl contributes a foreword.

Science News Letter, March 30, 1935

National Parks

GENERAL REPORT, RAINBOW BRIDGE—MONUMENT VALLEY EXPEDITION OF 1933—Ansel Franklin Hall—*Univ. of Calif. Press*, 32 p., 50c. The record of a thorough-going reconnaissance of one of the most interesting of the Southwestern scenic areas of apparent National Park value. The report covers briefly the fields of engineering, aerial reconnaissance, geology and paleontology, archaeology, ethnology, and the life sciences.

Science News Letter, March 30, 1935

Archaeology

REPORT ON ARCHAEOLOGICAL RECONNAISSANCE IN THE RAINBOW PLATEAU AREA OF NORTHERN ARIZONA AND SOUTHERN UTAH—Lyndon Lane Hargrave—*Univ. of Calif. Press*, 56 p., 60c. A detailed report, well illustrated by the archaeologist of the expedition.

Science News Letter, March 30, 1935

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