

•First Glances at New Books

Additional Reviews
On Page 288

Natural History

FRONTIERS, A MAGAZINE OF NATURAL HISTORY—*The Academy of Natural Sciences of Philadelphia*, 36 p., illus., Pub. 5 times a year, 35c a copy, \$1.50 a year. A new natural history journal herewith makes its bow—and in right handsome and promising fashion, too. It is a good job any way you look at it—text and illustrations, typography and layout. Topping the contributor's column is J. N. ("Ding") Darling, with a characteristically energetic short article on migratory wildfowl. The cover picture, appropriately for the journal's name, is of a bison.

Science News Letter, October 31, 1936

Agriculture

YEARBOOK OF AGRICULTURE—U. S. Dept. of Agriculture—*Govt. Print. Off.*, 1189 p., \$1.25. (See page 285.)

Science News Letter, October 31, 1936

Science

ANNUAL REPORT OF THE BOARD OF REGENTS OF THE SMITHSONIAN INSTITUTION FOR THE YEAR ENDING JUNE 30, 1935—*Govt. Print. Off.*, 580 p., illus., \$1. (See page 276.)

Science News Letter, October 31, 1936

Agriculture

REPORT ON THE AGRICULTURAL EXPERIMENT STATIONS, 1935—Office of Experiment Stations—*Govt. Print. Off.*, 160 p., 15c.

Science News Letter, October 31, 1936

Biography

GEORG WILHELM STELLER, THE PIONEER OF ALASKAN NATURAL HISTORY—Leonhard Stejneger—*Harvard Univ. Press*, 622 p., \$6. A carefully traced life pilgrimage of a strange man in a strange new country—for Steller went to Alaska in Bering's expedition,

early in the eighteenth century, and spent practically all the rest of his days there, unsparingly driving himself into regions where it is still difficult to penetrate. The completeness and fulness of text and notes bespeak the thorough scholarship of the author.

Science News Letter, October 31, 1936

Science, Juvenile

MARVELS OF ACHIEVEMENT—John Alva Bassett—*Lynn Publishing Co.*, 77 p., 10c. The publishers had no way of knowing it, but this book fits in admirably with the coming centennial celebration of the American Patent System to be held on Nov. 23 next in Washington. For children of near high school age it reviews the great inventive developments of the modern world: the printing press, the steamboat, railroads, the telegraph and telephone, the automobile, the airplane, radio and television. Clever drawings add interest.

Science News Letter, October 31, 1936

Dendrology

OUR FRIENDS THE TREES—P. G. Cross—*Dutton*, 334 p., \$5. This well-illustrated book, written by one who loves trees, understands trees, likes to plant trees, is calculated to make a disciple of every reader. It will appeal most, perhaps, to the home-builder in suburban or semi-rural areas, but the information it contains will also be found useful by many others.

Science News Letter, October 31, 1936

Health

HEALTH AND ENVIRONMENT, THE ELEMENTS OF SANITARY SCIENCE—Jean Martin White—*F. A. Davis*, 209 p., \$2. This book was designed as a text for students of nursing but may well, as the author suggests, prove interesting to the lay reader.

Science News Letter, October 31, 1936

Physiology

FUNDAMENTALS OF HUMAN PHYSIOLOGY (4th Ed.)—J. J. R. Macleod and R. J. Seymour—*Mosby*, 424 p., \$2.50. In this edition of a well-known text for college students Dr. Seymour, professor of physiology at Ohio State University, has added material on vitamins and endocrine glands to include recent developments in these fields of physiology and reduced the discussion of metabolism to limits suitable for the average student with an elementary knowledge of chemistry.

Science News Letter, October 31, 1936

Gardening, Juvenile

PETER AND PENNY PLANT A GARDEN—Gertrude and Frances Dubois—*Stokes*, 210 p., \$1.25. Charmingly written in child-language, this little book will serve at once as a reader and a first guide to gardening for children. It begins with things that are done in gardens in autumn, and works through to late summer.

Science News Letter, October 31, 1936

Zoology

MAMMALS OF THE CHICAGO REGION—Tappan Gregory—*Chicago Academy of Sciences*, 75 p., illus., 50c. Compact, but complete for the region of which it treats, illustrated with lively black-and-white sketches and a number of half-tones.

Science News Letter, October 31, 1936

Photography

MODERN PHOTOGRAPHY—C. G. Holme—*Studio Publications, Inc.*, 111 p., \$2.50 paper, \$3.50 cloth. Sixth issue of this well-known collection of outstanding photographs. To the serious photographer the technical data giving type of camera, lens, film, aperture and exposure used for each picture will be important.

Science News Letter, October 31, 1936

Histology

A TEXTBOOK OF HISTOLOGY—Joseph Krafka, Jr.—*Williams and Wilkins*, 246 p., \$2.50. The author, professor of microscopic anatomy at the University of Georgia School of Medicine, believes that histology, or microscopic anatomy, should be taught much earlier than it is. He would like to see it introduced into college curricula along with comparative anatomy, embryology and genetics, rather than have it reserved for medical school courses. He has written this text with such purpose in mind.

Science News Letter, October 31, 1936

Bibliography

BOOKLIST BOOKS-1935—*American Library Association*, 63 p., 65c. This annual compilation of the year's best books needs no introduction to librarians; it is a useful tool which they will obtain as a matter of course. The general reader will be interested to know that it is a list of about 250 books, arranged conveniently by subject, with a brief description of each book to aid the reader. About 80 outstanding scientific books are listed.

Science News Letter, October 31, 1936

Eddington says that relativity is an artificial system.

Support for that view will be found in simple non-mathematical terms in "Some Enigmas of Modern Science" by Guy Clinton. Price, bound in paper, 60 cents.

Published by author

Send order to Retail Book Dep't, Science News Letter, 2101 Constitution Ave., Washington, D. C.

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Geology

DOWN TO EARTH—Carey Croneis and William C. Krumbein—*Univ. of Chicago Press, Chicago*. Drawings by Chichi Lasley, rotogravure plates, \$5. Here is something new under the sun: a book by two professors of geology that dares to be lively, interesting and even occasionally humorous. Students using it as a text will not have to be given "assignments"; they will be much more likely to go joyously plowing through whole chapters on end. And the general reader, though he has no professor to guide him, will find himself doing the same thing. It is a triumphant demonstration that discussions of fossils do not themselves have to be fossilized.

Science News Letter, October 31, 1936

Engineering

TRAFFIC—Marion S. Lowndes and Frances N. Chrystie, photographs by John J. Floherty, designed by Jan C. Mayer—*Doubleday, Doran*, 32 p., photographs with text, \$1. With good photography and a brief accompanying running story, this little book for children uses the device of taking one single day from the life of a gas station attendant to present a cross section of modern automotive transport in all its phases.

Science News Letter, October 31, 1936

Economics

AMERICA'S STAKE IN THE FAR EAST—Miriam S. Farley—*American Council, Institute of Pacific Relations*, 39 p., 25c. An economic study.

Science News Letter, October 31, 1936

Geology

INTERNATIONAL GEOLOGICAL CONGRESS: REPORT OF THE XVI SESSION, UNITED STATES OF AMERICA, 1933—*International Geological Congress, Washington, D. C.*, 2 vols., 1343 p., illus. and maps, \$10 per set. Two thick volumes containing a wealth of geological fact and inference, as presented before the most recent of the world geological congresses. This set automatically becomes a necessity for all libraries that undertake to maintain a reasonable completeness in its particular subject.

Science News Letter, October 31, 1936

Entomology

HOW TO KNOW THE INSECTS—H. E. Jaques—*John S. Swift Company*, 140 p., \$1. Sponsored by the Iowa Academy of Science, this book constitutes Biolog-

ical Survey Publication No. 1. It augurs well for the series, for the volume is designed to convey essential information to elementary students, and to beginners working on their own, with clean-cut line illustrations. Although professing usefulness only in the state of Iowa, it will doubtless be found available over a much wider territory—the whole of the prairie region, at least. The text is planographed.

Science News Letter, October 31, 1936

Photography

PHOTOGRAPHY TO-DAY—D. A. Spencer—*Oxford*, 160 p., \$1.50. Compressed in this single well-written book by Dr. Spencer is the how and why of modern photography. Hints on choosing cameras, developing and printing film are interwoven with much historical matter and plenty of straight science in the field of optics and light. An index is about the only thing lacking.

Science News Letter, October 31, 1936

Biology

THE EGGS OF MAMMALS—Gregory Pincus—*Macmillan*, 160 p., \$3.75. Dr. Pincus' studies have attracted much interest among laymen as well as scientists, but this volume is a technical presentation for the scientific reader.

Science News Letter, October 31, 1936

Entomology

FOREST INSECTS—R. W. Doane, E. C. Van Dyke, W. J. Chamberlin and H. E. Burke—*McGraw-Hill*, 463 p., \$4.50. The approach is primarily taxonomic: the principal enemies of forest trees are taken up, in their systematic order; for each, a brief, illustrated description is given, and its biology outlined. There are also chapters on methods of control, good bibliographies (by orders), and an appendix listing for various tree species the insects that attack it.

Science News Letter, October 31, 1936

Zoology

AFRICAN REPTILES AND AMPHIBIANS IN FIELD MUSEUM OF NATURAL HISTORY—Arthur Loveridge—*Field Museum of Natural History*, 111 p., 75c.

Science News Letter, October 31, 1936

Journalism

A HISTORY OF NEWSPAPER SYNDICATES IN THE UNITED STATES, 1865-1935—Elmo Scott Watson—*The Publishers' Auxiliary*, 98 p., illus., \$1.50. Syndication is as typically American as apple pie and it is only in this country that newspaper syndicates flourish. This small volume gives hitherto inaccessible history. Readers of the SCIENCE NEWS LETTER will be interested in the author's evaluation of the place of Science Service in the world of newspapers: "The third decade of this century marked the beginning of a period of adding an even greater variety of 'big names' to the list of those whose writings the syndicates had made available to the newspaper reading public. But even more significant was the service of one of these organizations in 'bridging the gap between science and the public.' From time to time various syndicates had offered science features as a part of their service but they were either too 'popular' to be scientific or too technically scientific to be 'popular.' The need for features which would reconcile these differences was met on January 1, 1921, by the founding of Science Service."

Science News Letter, October 31, 1936

Geography

GEOGRAPHY OF LATIN AMERICA—Fred A. Carlson—*Prentice-Hall*, 642 p., 200 illus., School ed., \$4., Business ed., \$5. This is the first college textbook of its kind, surveying all South America, Central America, Mexico, and the West Indies, from the geographic standpoint. The main purpose of the book, Prof. Carlson explains, is to "establish a better understanding and appreciation of the countries of Latin America through the enumeration and interpretation of nature's conditions that have retarded or promoted their progress."

Science News Letter, October 31, 1936

Botany

FERNS OF NORTHEASTERN UNITED STATES—Farida A. Wiley—*American Museum of Natural History*, 98 p., \$1. A slender, pocket-size manual, illustrated with line drawings.

Science News Letter, October 31, 1936

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