

# • First Glances at New Books

## Psychology

THE FRONTIERS OF PSYCHOLOGY—William McDougall—*Appleton - Century*, 235 p., \$2. The term "Frontiers" is intended by the author to apply to the relatively unexplored regions that lie between the recognized provinces of the established sciences where there are many problems to be solved only by cooperation between the sciences. What he terms the "naive confessions" of Sir James Jeans and Sir Arthur Eddington in connection with psychology are discussed. Of them he says, "If the more intelligent utterances of these and other leaders of the new physics seem to me 'a sort of mystic chant over an unintelligible universe,' I console myself with the reflection that in this I am not quite alone."

*Science News Letter, May 25, 1935*

## Physics

PHYSICS—A. S. Eve—*Thornton Butterworth, Ltd.*, 15 Bedford St., London W. C. 2, England, 258 p., 2s. 6d. Newest volume to be added to what in England is the popular Home University Library of Modern Knowledge. Descriptive physics with a minimum of mathematics, the book is intended for home consumption by any intelligent layman. Its author is dean of the graduate faculty of McGill University, Montreal.

*Science News Letter, May 25, 1935*

## Education

ANNUAL REPORT, 1933-34—*General Education Board*, 87 p., free. Please enclose 10c. for handling charges, if ordered through Science Service Book Department. An account of how this philanthropic organization disposed of some three millions of dollars.

*Science News Letter, May 25, 1935*

## Economics

PORTLAND CEMENT PRICES—H. P. Willis and J. R. B. Byers—*Ronald Press*, 123 p., \$1.25. Their basis, character and present position.

*Science News Letter, May 25, 1935*

## Education

REDIRECTING EDUCATION, VOL. I: THE UNITED STATES—Rexford G. Tugwell and Leon H. Keyserling—*Columbia Univ.*, 273 p., \$3. The authors of this volume have engaged cooperatively in teaching a course at Columbia University dealing with the problems of our industrial civilization. Those mentioned above write here on "Social Objectives in Education," and "Social Objectives in the

American College." Others contribute to the same volume sections on "Economics in the College," "History in the College," and "Political Science in the College."

*Science News Letter, May 25, 1935*

## Exploration

MEN AGAINST THE CLOUDS—R. L. Burdsall and A. B. Emmons—*Harper & Brothers*, 305 p., \$3.50. High adventure at 24,900 feet in Tibet; being the account of the successful ascent of Minya Konka, second highest peak in the world conquered by man and the record mountain-climbing feat of an American expedition. An excellent account of an arduous journey through a little known part of Asia mixed with the detailed thrills of the final dash up the peak. Crashing snow slides, three thousand foot precipitous drops and hidden crevasses combine with frozen fingers and feet in making the adventure a major achievement in courageous exploration.

*Science News Letter, May 25, 1935*

## Dictionary

THE THORNDIKE - CENTURY JUNIOR DICTIONARY—E. L. Thorndike—*Scott Foresman*, 980 p., \$1.32. A dictionary designed especially for younger students, who have never used such a work before. The definitions are couched in the simplest English, and with many of them examples of use are given.

*Science News Letter, May 25, 1935*

## Biography

HIGH ADVENTURERS—Mary R. Parkman—*Century Co.*, 290 p., \$2. Pleasantly told for junior readers, are the eleven adventurous life stories in this volume. "Science" is represented by Pupin, but Polar flight brings Byrd into the group, wings of adventure introduce Lindbergh, and Stefansson appears as "The poet of intrepid daring."

*Science News Letter, May 25, 1935*

## Chemistry

THE STUFF OF LIFE—Jacob G. Lipman—*Columbia University Press*, 30 p., 50c. Reprint of Prof. Lipman's Chandler Lecture presented at Columbia University in December, 1934, which appeared in *Industrial and Engineering Chemistry* January, 1935. Here is a good popular description of the chemical elements on which life depends; their distribution on earth and what they mean in soil chemistry on which subject the author is an authority.

*Science News Letter, May 25, 1935*

## Physics

EINSTEIN AND RELATIVITY; LE MAITRE AND THE EXPANDING UNIVERSE—Hubert Vecchierello—*St. Anthony Guild Press*, 25 p., 50c. The Dean of St. Bonaventure College collects scattered facts on the education of the greatest Jewish scientist and tells a bit about the meaning of his relativity theories. And then, without a break, the author turns to the youthful Catholic priest who postulated the theory of the Expanding Universe. One wishes only that more details of Abbé Le Maitre's youth and education had been presented by one who certainly knows or has access to them.

*Science News Letter, May 25, 1935*

## Psycho-Analysis

PSYCHO-ANALYSIS FOR TEACHERS AND PARENTS—Anna Freud—*Emerson Books*, 117 p., \$1.75. The well-known psycho-analyst, daughter and colleague of Sigmund Freud, delivered this collection of lectures before the teachers at the Children's Centres of Vienna. The book is translated by Barbara Low.

*Science News Letter, May 25, 1935*

## Zoology

THE DISTRIBUTION OF CERTAIN WHALES AS SHOWN BY LOGBOOK RECORDS OF AMERICAN WHALESHIPS—Charles Haskins Townsend—*New York Zoological Soc.*, Zoologica, Vol. XIX, No. 1, 50 p., 4 maps., \$1 plus postage. Whales, for all their size, are elusive creatures, most of the time invisible, thanks to the remoteness of their habitats and the sight-stopping screen of the sea. This account of the known occurrences of whales will therefore have popular as well as strictly scientific interest.

*Science News Letter, May 25, 1935*

## Unnatural History

SCENES FROM THE MESOZOIC—Clarence Day—*Yale Univ. Press*, 82 p., \$2.50. Clarence Day's inimitable nonsense-sketches of amorphous-urodelan-prototheric creatures having some traces of pseudanthropoid characteristics, with explanatory notes in sophisticated, sardonic verse.

*Science News Letter, May 25, 1935*

## Economics

LETTER TO THE PRESIDENT ON FOREIGN TRADE AND INTERNATIONAL INVESTMENT POSITION OF THE UNITED STATES—George N. Peek—*Govt. Print. Off.*, 3 p., 5 tables.

*Science News Letter, May 25, 1935*

**Physics**

A SOURCE BOOK IN PHYSICS—William Francis Magie—*McGraw-Hill*, 634 p., \$5. Newest volume in this popular source book series. For those who do not have time to go back to original sources and translate from foreign languages, it is thrilling to read Hertz's own words when he proved that the waves from sparks and those of light had the same properties and laid the foundations of modern radio; or to follow the experiments of Newton, Faraday and Crookes in their separate and equally important fields.

*Science News Letter, May 25, 1935*

**Psychology**

WISH AND WISDOM—Joseph Jastrow—*Appleton-Century*, 394 p., \$3.50. Here you may read in the author's own engaging style an account of superstitions and instances of wishful thinking or lack of it, both ancient and modern.

*Science News Letter, May 25, 1935*

**Sociology**

AFTER THREE CENTURIES—E. Huntington and M. Ragsdale—*Williams and Wilkins*, 282 p., \$2.50. A study of race-purity in New England and elsewhere. The authors see, in the dim distance, a biological revolution "which will change the human mongrels of today into genuine thoroughbreds."

*Science News Letter, May 25, 1935*

**Natural History**

NATURAL HISTORY PICTURES—Gayle Pickwell—Unit One, ANIMAL STUDIES, 48 pictures. Descriptive booklet, 60 p., \$6; Unit Two, DESERT STUDIES, 48 pictures. Descriptive booklet, 64 p., \$6, *Publishers Distributing Service, Los Angeles*. These collections of pictures, the best obtainable of their respective subjects, will be of great value to teachers, and of the highest interest to the general reader interested in nature. The brief texts give just enough description to stimulate appreciation of the photographs.

*Science News Letter, May 25, 1935*

**Economics**

THE GOLD STANDARD AND ITS FUTURE; 3d Ed., Revised and Enlarged—T. E. Gregory—*Dutton*, 184 p., \$1.50.

*Science News Letter, May 25, 1935*

**Dictionaries**

PAN-AMERICAN ENGLISH AND SPANISH DICTIONARY AND TRAVEL GUIDE—Lewis L. Sell—*International Dictionary Co.*, 232 p., \$2.50. A dictionary of words and phrases considered useful in Spanish American travel fills two-thirds of this

pocket guide. The rest of the book includes such advice and information as what the tourist should take along on a motor trip, general hints to travelers, distance tables, inter-American steamer services, and facts about countries and cities.

*Science News Letter, May 25, 1935*

**Psychology**

PRINCIPLES OF GESTALT PSYCHOLOGY—Kurt Koffka—*Harcourt Brace*, 720 p., \$6.00. More than just a textbook on psychology, this book represents the author's attempt to present a systematic survey of that science, an integration of all its facts, from the viewpoint of the gestalt theory. He says, "Science becomes easily divorced from life. . . . If psychology can point the way where science and life will meet, if it can lay the foundations of a system of knowledge that will contain the behaviour of a single atom as well as that of an amoeba, a white rat, a chimpanzee, and a human being, with all the latter's curious activities, which we call social conduct, music and art, literature and drama, then an acquaintance with such a psychology should be worth while and repay the time and effort spent in its acquisition."

*Science News Letter, May 25, 1935*

**Zoology**

A MANUAL OF THE COMMON INVERTEBRATE ANIMALS, EXCLUSIVE OF INSECTS, Revised ed.—Henry S. Pratt—*Blakiston's*, 854 p., \$7.50. Zoologists, especially those who offer courses in comparative zoology, will welcome this new edition of an old and tested standard.

*Science News Letter, May 25, 1935*

**Botany**

A LABORATORY MANUAL OF GENERAL BOTANY, Revised ed.—Emma L. Fisk and Ruth M. Addoms—*Macmillan*, 137 p., \$1.

*Science News Letter, May 25, 1935*

**Botany**

A TEXTBOOK OF GENERAL BOTANY, 3d ed.—Gilbert M. Smith, J. B. Overton, E. M. Gilbert, R. H. Denniston, G. S. Bryan and C. E. Allen—*Macmillan*, 574 p., \$3.50. This text, which in a dozen years has established itself as a standard in the field of botanical teaching, is again presented in a new revision.

*Science News Letter, May 25, 1935*

**Botany**

MANUAL OF THE GRASSES OF THE UNITED STATES—A. S. Hitchcock—*Government Printing Office*, 1040 p., \$1.75. It is no exaggeration to speak of the publication of this, Dr. Hitchcock's *magnum opus*, as a botanical event of first importance. It sets American agrostology's house in order, gives a single, authoritative, convenient point of reference. The working general botanist, no less than the specialist in grasses, will welcome the complete, succinct descriptions, supplemented with generic "keys" where needed, as well as the clean-cut line illustrations and the thumbnail distribution maps that go with each species. The synonymy alone (207 pages of it!) will be worth the price of the whole book to the pestered systematist.

*Science News Letter, May 25, 1935*

**Radio—Navigation**

SOS TO THE RESCUE—Karl Baarslag—*Oxford Univ. Press*, 310 p., \$2.50. Hero-adventures that really happened. Stories that will give a real thrill to boys who have reached the age when they are becoming impatient to grow up and be men.

*Science News Letter, May 25, 1935*

**Museums**

MUSEUM MEMBERSHIP AND PUBLICITY—I. T. Frary—*American Association of Museums*, 35 p., 50c. Practical directions, even to showing exactly how file cards are marked and the forms used, are given in this pamphlet, to aid the museum executive in organizing a system for membership and publicity departments.

*Science News Letter, May 25, 1935*

**Gardening**

GARDENING SHORT CUTS—M. G. Kains—*Greenberg*, 206 p., \$2. A handy-book for the suburban homemaker or the small-scale commercial gardener. It covers all manner of problems, from choosing and maintaining implements to planting, pruning, harvesting and storing.

*Science News Letter, May 25, 1935*

**Engineering**

REPORT OF INVESTIGATION: CURING OF CONCRETE PAVEMENT SLABS (Part II, Proceedings of the Thirteenth Annual Meeting of the Highway Research Board)—Ed. by Roy W. Crum—*National Research Council*, 96 p., \$1.

*Science News Letter, May 25, 1935*

---

Science News Letter will secure for its subscribers any book or magazine in print which was published in the United States. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we will pay postage in the U. S. When publications are free, send 10c. for handling. Address Book Dept., Science News Letter, 2101 Constitution Avenue, Washington, D. C.

---