

• First Glances at New Books

Additional Reviews
On Page 368

Exploration

EXPLORING TODAY—Lincoln Ellsworth—*Dodd, Mead & Co.*, 194 p., \$1.75. The poles; the tropics; far seas; mountains; deserts; jungles; the stratosphere; the bottom of the ocean—in a day when "there is nothing left to explore," explorers are more numerous and more busy than ever. One of the best known and most successful (because the most competent) of present-day explorers reviews possibilities, suggests practical means and methods, debunks "adventure." The book deserves to be as successful as Mr. Ellsworth's explorations have been.

Science News Letter, December 7, 1935

Physics

TRANSACTIONS OF THE AMERICAN GEOPHYSICAL UNION, 16TH ANNUAL MEETING, 1935—*National Research Council*, 2 vol., 530 p., \$3.50. No free copies available.

Science News Letter, December 7, 1935

Engineering

DIESEL AND OTHER INTERNAL-COMBUSTION ENGINES—Howard E. Degler—*American Technical Society*, 237 p., \$2.50. A practical text book on the development, principles of operation, construction, and performance of Diesel and gasoline engines.

Science News Letter, December 7, 1935

General Science

LABORATORY EXERCISES FOR MY OWN SCIENCE PROBLEMS—Hunter and Whitman—*American Book Co.*, 168 p., 44c.

LABORATORY EXERCISES FOR SCIENCE IN OUR SOCIAL LIFE—Hunter and Whitman—*American Book Co.*, 180 p., 48c.

LABORATORY EXERCISES FOR SCIENCE IN OUR WORLD OF PROGRESS—Hunter and Whitman—*American Book Co.*, 232 p., 60c.

Science News Letter, December 7, 1935

Education

PARENTS LOOK AT MODERN EDUCATION—Winifred E. Bain—*Appleton-Century*, 343 p., \$2.50. Introducing elders of the old school to what their youngsters are encountering in the new.

Science News Letter, December 7, 1935

Zoology

THE INVERTEBRATA, 2d Ed.—L. A. Borradaile, F. A. Potts, L. E. S. Eastham and J. T. Saunders—*Macmillan*, 725 p.,

\$4. When a book that can be used only in more advanced university classes in zoology goes into its second edition within three years, as this one has done, it is argument that it has been recognized and is in demand. The new edition contains new matter in the chapter on insects, and in the general chapter introducing metazoa.

Science News Letter, December 7, 1935

Physics

COLLEGE PHYSICS—C. E. Mendenhall, A. S. Eve, and D. A. Keys—*D. C. Heath*, 592 p., \$3.76. A text for university and junior college students which, by a system of starring the more difficult sections, keeps mathematical treatment to a minimum. Basic definitions are in bold face type while the diagrams and illustrations are more numerous than are usually found in such a text.

Science News Letter, December 7, 1935

Geology

SOME FACTS ABOUT ORE DEPOSITS—G. Montague Butler—*Univ. of Arizona*, 99 p., 15c.

Science News Letter, December 7, 1935

Exploration

NANGA PARBAT ADVENTURE—Fritz Bechtold—tr. from German by H. E. G. Tyndale—*Dutton*, 93 p., 114 illus., \$3. What it is like to go with a Himalayan mountain climbing expedition is revealed with unusual vividness in this straightforward narrative of a hard, exciting, and tragic experience. The fine photographic illustrations, perhaps even more than the text, convey the spirit and the small realities of this type of great adventure. The expedition is that of 1934, and Nanga Parbat is the highest peak of the Western Himalayas.

Science News Letter, December 7, 1935

Psychology

COMPARATIVE PSYCHOLOGY—Vol. I: Principles and Methods—Carl J. Warden, Thomas N. Jenkins, and Lucien H. Warner—*Ronald Press*, 506 p., \$4.50. An authoritative work intended as a textbook for advance courses in comparative and genetic psychology, yet not too technical to hold interest for those in other related fields. This first volume provides background for the two which will follow on Plants and Invertebrates, and Vertebrates.

Science News Letter, December 7, 1935

Vocational Guidance

VOCATIONAL GUIDANCE IN ACTION—John A. Fitch—*Pub. for Amer. Assoc. of Social Workers by Columbia University Press*, 294 p., \$2.75. Should be useful as a text or reference book for those engaged in vocational guidance or placement.

Science News Letter, December 7, 1935

Biography

WALTER FRANKLIN PRINCE, A MEMORIAL—By Friends and Colleagues in Psychical Research—*Bruce Humphries, Inc.*, 96 p., \$2. Personal and professional tributes to a man who was prominent in the field of psychical research.

Science News Letter, December 7, 1935

● RADIO

Tuesday, December 10, 4:30 p. m., E.S.T.
PURE WATER, by Dr. Henry B. Ward,
Permanent Secretary, American Association
for the Advancement of Science.

Tuesday, Dec. 17, 4:30 p. m., E.S.T.
RUNNING HORSES, by Dr. Harry H.
Laughlin, Department of Genetics, Carnegie
Institution of Washington.

In the Science Service series of radio discussions led by Watson Davis, Director, over the Columbia Broadcasting System.



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Additional Reviews
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Sociology

THE GIRL IN THE RURAL FAMILY—Nora Miller—*Univ. of North Carolina Press*, 108 p., \$1.50. This book tells understandingly of the lots of such typical young American girls as those in the mountain farm family, the soft coal mine family, the cotton farm family, the tobacco farm family, the fishing community family, the potato farm family, and the superior rural family. Rural girls, as well as rural boys, have been kept in rural homes by the depression, or have been compelled to return to them. Suggestions are made for helping girls to meet problems raised by conflict between the old order and the new.

Science News Letter, December 7, 1935

Ethnology

MELANESIANS AND AUSTRALIANS AND THE PEOPLES OF AMERICA—Ales Hrdlicka—*Smithsonian Inst.*, 58 p., 25c. The theory that black-skinned people found their way to the New World and contributed to its racial and cultural prehistory is analyzed by Dr. Hrdlicka. His verdict is that the evidence is superficial, and the theory unsound.

Science News Letter, December 7, 1935

Education

EXPERIMENTAL STUDIES IN THE PSYCHOLOGY AND PEDAGOGY OF SPELLING—Alice E. Watson—*Teachers College, Columbia Univ.*, 144 p., \$1.50. If you know anyone troubled by such demons as "arithmatic," "bookkeeping," "eighth-teenth," "fourty-fourth," "grammer," "rebellion," or "potatos," you will be interested in this scientific study of spelling difficulties.

Science News Letter, December 7, 1935

Social Science

APPLIED SOCIAL SCIENCE; JOURNAL OF THE NATIONAL INSTITUTE OF SOCIAL SCIENCES, Vol. XVI-XIX—*F. W. Faxon Co.*, 196 p., \$2. The Institute's Year Book has not been published since 1931. This volume contains the material accumulated in that time in somewhat abridged form.

Science News Letter, December 7, 1935

Psychology

SCENERY AND THE SENSE OF SIGHT—Vaughan Cornish—*Cambridge (Macmillan)*, 111 p., \$3. This is a rather unusual book: by an artist, it approaches an art problem from the distinct viewpoints of esthetics, optical physics, and psychology, striving to bring them all

together for a satisfactory solution. Critical points in the discussion are illustrated by skeleton sketches that bring them out even more vividly than completely finished pictures might be able to do.

Science News Letter, December 7, 1935

Zoology

SERPENTS OF THE NORTHEASTERN STATES—Raymond L. Ditmars—*New York Zoological Society*, 40 p., 38 illustrations, 50c. The Northeast is not the "snakiest" part of the United States, but it contains the most people, as well as a considerable variety of interesting snakes. Nobody better qualified to serve as introducer could be imagined than Dr. Ditmars; and in this booklet he does the job right well.

Science News Letter, December 7, 1935

Statistics

ELEMENTS OF STATISTICS WITH APPLICATIONS TO ECONOMIC DATA—Harold T. Davis and W. F. C. Nelson—*Principia Press*, 424 p., \$3.50. A text book giving the mathematical requirements of assembling, correlating and interpreting statistical data. Curve fitting, correlation, probability, index number, times series and methods of averaging are only a few of the chapter headings.

Science News Letter, December 7, 1935

Psychology

THE EVOLUTION OF MODERN PSYCHOLOGY—Richard Müller-Freienfels—*Yale Univ. Press*, 513 p., \$5. A comprehensive and interpretive survey of the historical background of this comparatively new science. Dr. W. Beran Wolfe, the translator, in a preface, calls attention to the often recurring question, "What is the difference between the teachings of Freud, Jung, and Adler?" "I know of no other book which has answered this moot question of modern psychology so succinctly and so understandingly," he added.

Science News Letter, December 7, 1935

Industrial Standardization

A. S. T. M. STANDARDS ON RUBBER PRODUCTS—*American Society for Testing Materials*, 204 p., \$1.25.

Science News Letter, December 7, 1935

Photography

THE AMERICAN ANNUAL OF PHOTOGRAPHY 1936—Ed. by Frank R. Fraprie—*American Photographic Publishing Co.*, 328 p., \$2.25 cloth, \$1.50 paper. Again a collection of excellent photographs of many subjects, plus a number of articles on photographic technique and apparatus. In addition to the technical treatises on various phases of photography itself, there is an article on cloud photography and one on clinical photography that have distinct scientific interest.

Science News Letter, December 7, 1935

Economics

MACHINERY, EMPLOYMENT AND PURCHASING POWER—*National Industrial Conference Board*, 103 p., \$2. The machine is defended in this study of economic and industrial conditions, before and during depression. Machinery does not cause unemployment and is not to blame for the depression.

Science News Letter, December 7, 1935

Education

FEDERAL COOPERATION IN AGRICULTURAL EXTENSION WORK, VOCATIONAL EDUCATION, AND VOCATIONAL REHABILITATION (U. S. Office of Education Bulletin, 1933, No. 15)—*Govt. Print. Off.*, 297 p., 25c. Now that educators are talking of Federal participation in, or encouragement of, public education, this survey of the past educational activities of the U. S. Government is timely.

Science News Letter, December 7, 1935

Anthropology

NASKAPI—Frank G. Speck—*Univ. of Oklahoma Press*, 248 p., 19 pl., \$3.50. What would it be like to see the world through the eyes of a Labrador Indian? Many things unseen by European eyes are real to the Naskapi, Dr. Speck shows. Naskapi culture, in fact, is so isolated that "its spirit is as strange to even the Iroquois mind as it is to the European." With the spirit of native religion of the Naskapi, manifested in strange ways, this thought-provoking book is concerned.

Science News Letter, December 7, 1935

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