

• First Glances at New Books

National Parks

RESEARCH AND EDUCATION IN THE NATIONAL PARKS—Harold C. Bryant and Wallace W. Atwood, Jr.—*Govt. Print. Off.*, 66 p., free. The U. S. National Park Service conceives its duty to the public as something more than the mere custodianship of pleasure-grounds. It sees the national parks as a people's university, and during recent years has been actively developing a comprehensive educational scheme, comprising elements that range all the way from lectures and nature trails for tourists who are perhaps having their first contact with the wild, to facilitating the researches of noted veterans of research. This booklet tells of the work.

Science News Letter, August 27, 1932

Zoology

THE COLLECTION AND PRESERVATION OF ANIMAL FORMS—M. M. Wells—*Genl. Biol. Supply House*, 72 p., \$1. This manual contains information difficult to obtain elsewhere, that will enable any teacher or student to become his own collector and curator. It gives instructions for the preservation of everything from protozoa to mammals, and concludes with a section describing fully the various preserving agents used in biological work.

Science News Letter, August 27, 1932

Dental Hygiene

YOUR TEETH AND THEIR CARE—Carl W. Adams—*Mosby*, 141 p., \$1.28. This concise and clear explanation of the structure and function of the teeth, their diseases and deformities, dental treatments and the relation of the dentist to the public should be interesting and helpful to all lay readers.

Science News Letter, August 27, 1932

Gelogy

AN INTRODUCTION TO GEOLOGY—William Berryman Scott—*Macmillan*, vol. I, 604 p., \$3.50; vol. II, 483 p., \$3. The third edition of a successful textbook, written by one of the best known of American geologists.

Science News Letter, August 27, 1932

Ethnology-Agriculture

TOBACCO AMONG THE KARUK INDIANS OF CALIFORNIA—John P. Harrington—*Govt. Print. Off.*, 284 p., 36 pl., 80c. The Karuk Indians of northern California were most unusual in that they cultivated just one crop, tobacco. Mr. Harrington has collected data regarding the growing of tobacco, its uses

in ceremony, medicine, and other connections, and the expressions and proverbs that dealt with tobacco. Emphasizing the Indian language, Mr. Harrington parallels Indian text with English text through the greater part of this monograph.

Science News Letter, August 27, 1932

History of Science

FIFTY YEARS RETROSPECT—Royal Society of Canada—*Royal Society of Canada, Ottawa*, 179 p., limited ed., sales ed. to be published later. This anniversary volume, 1882-1932, commemorates the fifty years of activity of the academy of Canadian science. Composed of authoritative and readable summaries of Canadian science for the last half century written by today's leaders, this book is an important contribution to the history of science on the American continent. The present high level of Canadian science is seen as a substantial growth well grounded in the past when viewed through this collection of historical essays.

Science News Letter, August 27, 1932

Chemistry

AN INTRODUCTION TO CHEMISTRY—John Arrend Timm—*McGraw-Hill*, 553 p., \$3.50. Called a pandemic text in its subtitle, this college chemistry is now in its second edition. Its footnote references to more current important chemical literature are refreshing.

Science News Letter, August 27, 1932

Protozoology

THE FORAMINIFERA OF THE TROPICAL PACIFIC COLLECTIONS OF THE "ALBATROSS," 1899-1900—J. A. Cushman—*Govt. Print. Off.*, 88 p., 17 pl., 20c. The present publication comprises Part I: Astrorhizidae to Trochamminidae.

Science News Letter, August 27, 1932

Archaeology

PRELIMINARY REPORT UPON THE EXCAVATIONS AT TEL UMAR, IRAQ—Leroy Waterman and others—*Univ. of Michigan Press*, 62 p., 13 pl., \$1.50. Excavations have led to the conclusion that this was probably the much-disputed site of Opis. Mr. Waterman explains the reasons for this identification. Architectural features are described in two papers by N. Mannasseh and S. Yeivin. Fragments of clay stamped with Greek legends and a large number of coins are discussed by R. H. McDowell.

Science News Letter, August 27, 1932

Astronomy

ECLIPSES OF THE SUN—S. A. Mitchell—*Columbia University Press*, 490 p., \$5. This third edition, revised and enlarged, of the most comprehensive volume on solar eclipses appears in time for the eclipse of August 31. It incorporates the results of the eclipses of 1925, 1926, 1927, 1929 and 1930 and analyses the latest theories about eclipse phenomena. The author, director of the Leander McCormick Observatory of the University of Virginia, is now preparing to observe his ninth solar eclipse.

Science News Letter, August 27, 1932

History-Geography

FROM HUNTERS TO HERDSMEN—Elizabeth Forbes O'Hara—*Macmillan*, 67 p., 60c. In simple story form, for third grade children, this little book describes the important economic change that took place when men found out that they need not depend on wild beasts for meat. The type is large, the pictures attractive. At the end of each story chapter are suggested activities for the class, such as clay modeling, making butter, or arranging a sand table.

Science News Letter, August 27, 1932

History-Geography

TAMING THE WILD GRASSES—Elizabeth Forbes O'Hara—*Macmillan*, 69 p., 60c. Of the same type as the foregoing publication. In these stories about the dawn of farming, the characters are fictional, but the author has kept very close to the facts, as present-day science understands them.

Science News Letter, August 27, 1932

Entomology

THE FORMS OF THE COMMON OLD WORLD SWALLOWTAIL BUTTERFLY (PAPILIO MACHAON) IN NORTH AMERICA, WITH DESCRIPTIONS OF TWO NEW SUBSPECIES—Austin H. Clark—*Govt. Print. Off.*, 15 p., 8 pl., free. Full descriptions of the forms of one of our most familiar butterflies.

Science News Letter, August 27, 1932

Physiology

THE WISDOM OF THE BODY—Walter B. Cannon—*Norton*, 312 p., \$3.50. Dr. Cannon's latest book discusses his theories and studies of how the body takes care of itself automatically. Scientists will welcome the book and the careful lay reader will find much to interest him.

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