

FIRST GLANCES AT NEW BOOKS

THE PHYSIOLOGY OF SEXUALITY IN ANIMALS—F. A. E. Crew—*Macmillan* (\$4). It required a certain amount of courage to get up a book on the physiology of sexuality, because new data accumulate so rapidly as to endanger its up-to-datedness almost on the day of its publication. But physiologists and experimental morphologists will be grateful to the author for getting a survey of the field into so compact and easily referable a form, and especially for the extensive bibliographies that follow each section.

Physiology
Science News-Letter, January 12, 1929

ZOOLOGY OF COLORADO—T. D. A. Cockerell—*Univ. of Colorado* (\$2). This is one of a series celebrating the semicentennial of the founding of the University of Colorado. In this volume are presented in concise form the outstanding systematic and ecological facts about the principal vertebrate animals of the state, together with briefer treatment of some of the more frequently encountered invertebrates.

Zoology
Science News-Letter, January 12, 1929

ANIMAL ECOLOGY—Royal N. Chapman—*Burgess-Roseberry Co.* (\$6). This is a mimeographed book, but none the less one of the most ambitious volumes on its subject that has yet appeared. The author, a well-known entomologist, draws upon insects for a considerable part of his illustrative data, though mammals, birds and aquatic animals are not neglected. The treatment is thoroughgoing, and there are many graphs and maps. The bibliographies are especially noteworthy for their completeness.

Ecology
Science News-Letter, January 12, 1929

DESTRUCTIVE AND USEFUL INSECTS—C. L. Metcalf and W. P. Flint—*McGraw Hill* (\$3.50). As nearly as it can be done, the whole range of entomology has been crowded into the 900-odd pages of this volume. As might be expected in present-day America, the economic entomology approach dominates the book, though not to the damage of a genuinely scientific outlook or completeness of treatment. Typographically and mechanically the volume gives evidence that the publishers appreciated the work of the authors.

Entomology
Science News-Letter, January 12, 1929

EXPERIMENTS IN HEAT—Joseph Grant Brown—*Stanford University Press* (\$1.50). One of the physics series in the Stanford Laboratory Guide, intended for use with a four or five-unit college course in heat extending over a period of twelve weeks.

Physics
Science News-Letter, January 12, 1929

THE PREHISTORY OF AVIATION—Berthold Laufer—*Field Museum*. Aeronautics dates back to the ancient days of China, India, Babylon, Persia, and air mail began with the pigeons of the Orient. This is an interesting booklet on the age-old hopes and attempts of man to fly.

Anthropology—Aeronautics
Science News-Letter, January 12, 1929

FUNDS AVAILABLE IN THE UNITED STATES FOR THE SUPPORT AND ENCOURAGEMENT OF RESEARCH IN SCIENCE AND ITS TECHNOLOGIES—Callie Hull and C. J. West—*National Research Council* (\$1). This should be the guide to those who have ideas and little money or those who have money and are in doubt as to how to spend it effectively. It reveals the extent and support of American research.

General Science
Science News-Letter, January 12, 1929

ENGINEERS OF YESTERDAY—Peter A. Brannon—*Paragon Press, Montgomery, Ala.* This booklet tells the story of the early surveyors and builders of the state of Alabama.

Engineering
Science News-Letter, January 12, 1929

INDUSTRY, GOVERNMENTS AND LABOR—International Labor Organization—*World Peace Foundation* (\$2). The most important work of the League of Nations has been its sponsorship of the health, labor and other essentially non-political organizations that have used the Geneva organization as a nucleus to tie to. This is the ten-year record of international labor.

Economics
Science News-Letter, January 12, 1929

REPRESENTATIVE SPECIFICATIONS FOR DIFFERENT USES OF SAND AND GRAVEL—*National Sand and Gravel Association* (Free). Little grains of sand are the basis of an extensive industry. Millions of tons are used each year and this pamphlet gives the qualifications necessary for sand and gravel to enter concrete, roads, filters and foundries.

Engineering
Science News-Letter, January 12, 1929

TREES AS GOOD CITIZENS—C. L. Pack—*Amer. Tree Assn.* (\$2). A new printing of a well-known and useful book about trees for street, highway, park and home planting. The book tells what trees are best for each purpose, something about the virtues of each species, and how to protect them from enemies and unfavorable environment.

Dendrology
Science News-Letter, January 12, 1929

OUTDOORS ADVENTURES—A. E. Shirling—*World Book Co.* (\$1). A nature reader for school children, well written and illustrated much better than books of its kind usually are.

Nature Study
Science News-Letter, January 12, 1929

BEGINNING TO GARDEN—Helen Page Wodell—*Macmillan* (\$1.75). A well planned and well illustrated little book for youngsters who are undertaking their first adventures in making things grow. Excellently adapted for school use.

Horticulture
Science News-Letter, January 12, 1929

THE AMPHIBIANS OF WESTERN NORTH AMERICA—J. R. Slevin—*Calif. Acad. of Sciences* (\$3). A monograph of the amphibians of the Pacific slope from Alaska to Sonora and Lower California, including also those of the Great Basin states.

Zoology
Science News-Letter, January 12, 1929

THE COMPARATIVE PHYSIOLOGY OF INTERNAL SECRETION—Lancelot T. Hogben—*Macmillan* (\$4). The present knowledge of the physiology of the endocrine glands is here presented in compact form. Since the book covers the subject thoroughly and critically, it will be of especial value for reference purposes. It is quite beyond the scope of the lay reader.

Endocrinology
Science News-Letter, January 12, 1929

BIOLOGICAL CHEMISTRY AND PHYSICS OF SEA WATER—H. W. Harvey—*Macmillan* (\$4.25). We are always at a disadvantage in our study of marine organisms, because they live in sea water and we live in air and fresh water, and therefore find it hard to think in terms of the natural environment of shark and starfish and seaweed. The author of this book qualifies as a good interpreter between that world and ours.

Chemistry—Physics
Science News-Letter, January 12, 1929