

FIRST GLANCES AT NEW BOOKS

PROCESS AND REALITY—Alfred N. Whitehead—*Macmillan* (\$4.50). Prof. Whitehead is well known among scientists who make no pretensions to understanding formal philosophy as one who constantly endeavors to build all authentic knowledge of the external universe into his image of that internal universe which is the mind of man. To such scientists, as well as to professional philosophers, his new book will be an interesting and welcome advent.

Philosophy
Science News-Letter, November 23, 1929

BRAIN MECHANISMS AND INTELLIGENCE—K. S. Lashley—*University of Chicago Press* (\$3). A description of Prof. Lashley's quantitative studies on the effect of injuries to the brain. The old idea of specialized brain activities being dependent upon connections between specific neurons along definite anatomical paths is not upheld by his findings. He finds reason to infer that "the mechanisms of integration are to be sought in the dynamic relations among the parts of the nervous system rather than in details of structural differentiation." While his experiments deal with the effect of quantitative brain injuries on the learning process and habit retention in rats, the results appear to be capable of generalization in connection with cerebral functioning in intelligence.

Physiology—Psychology
Science News-Letter, November 23, 1929

THE BEHAVIOR OF YOUNG CHILDREN—Ethel B. Waring and Marguerite Wilker (\$1). A practical guide book for parents who want to know how to study the behavior of their own young children. The book gives an intensive course in two important situations, sleeping and eating, for the principles which hold good in these situations can be applied generally in child care. Numerous brief examples are cited to show good and bad methods of handling a situation and the reactions of the children to the behavior of the adults.

Psychology
Science News-Letter, November 23, 1929

HENRY FORD, MOTOR GENIUS—William A. Simonds—*Doubleday Doran* (\$2). Ford, today a synonym for mass production as well as automobile, is described as man and manufacturer in this biography.

Automotive Engineering
Science News-Letter, November 23, 1929

TWO THOUSAND YEARS OF SCIENCE—R. J. Garvey-Gibson—*Macmillan* (\$4). A well-written single-volume history of science, especially from the sixteenth century onward. It might have given better balance, however, if the somewhat meager chapters on the beginnings of science in antiquity and the middle ages had been expanded a little.

History of Science
Science News-Letter, November 23, 1929

NINTH ANNUAL REPORT OF THE SCIENTIFIC AND INDUSTRIAL RESEARCH COUNCIL OF ALBERTA, 1928—W. D. McLean, Edmonton (35c.). Devoted largely to fuels, road materials and a summary of the work of the provincial geological survey.

Geology
Science News-Letter, November 23, 1929

MUSEUMS IN SOUTH AMERICA—Laurence Vail Coleman—*American Association of Museums* (\$3). All who are interested in museums and their activities will welcome this directory of one hundred South American institutions. Descriptive paragraphs about each institution tell something of its buildings, its outstanding collections and its special projects, its financial system, and its organization. A fine assortment of photographs show the appearance of many of the buildings, plans of exhibition floors, and arrangement of collections.

Museum Science
Science News-Letter, November 23, 1929

LIST OF PSYCHIATRIC CLINICS FOR CHILDREN IN THE UNITED STATES—U. S. Children's Bureau—*Government Printing Office* (10c.). Habit clinics have grown so numerous and there are still so many places where there are none to be found, that a directory is a useful little reference work. Nearly 500 clinics are listed here, with their addresses and hours for consultation.

Psychiatry
Science News-Letter, November 23, 1929

CACTI—David Griffiths and C. H. Thompson—*Government Printing Office* (25c.). This pamphlet, issued as U. S. Department of Agriculture Circular No. 66, is of more than ordinary interest from both botanical and horticultural viewpoints; well illustrated.

Botany
Science News-Letter, November 23, 1929

KEOKUK DAM AND THE FISHERIES OF THE UPPER MISSISSIPPI RIVER—R. E. Coker—*Government Printing Office* (30c.). After a careful study of fish migrations and of the physical problems presented to various species by the great dam, the author concludes that most commercial kinds are not adversely affected, and that some are benefited by its presence. The volume is Bureau of Fisheries Document No. 1063.

Ichthyology
Science News-Letter, November 23, 1929

MOTION PICTURES IN THE CLASSROOM—Ben D. Wood and Frank N. Freeman—*Houghton Mifflin* (\$1.80). An extensive experiment in the use of motion pictures in teaching is reported in this book. Through the cooperation of the Eastman Kodak Company and the National Education Association Committee on Visual Education, ten topics in general science and ten topics in geography were taught in twelve cities. Part of the classes investigated were experimental in that the motion pictures were used in the presentation of the subject matter. The other or "control" classes were taught in the conventional manner. Since these are the first extensive controlled experiments on the use of motion pictures in the schoolroom, the results will be of interest to scientists and educators alike.

Education
Science News-Letter, November 23, 1929

POSTURE AND HYGIENE OF THE FEET—Philip Lewin—*Funk and Wagnalls* (30c.). A great deal of information on an important subject, gathered into a very small book. The author, who is a physician, writes not only of the care of healthy feet, but also of flatfoot, sprained ankles, and other foot troubles.

Hygiene
Science News-Letter, November 23, 1929

POISONS: THEIR EFFECTS AND DETENTION—A. Wynter Blyth and Meredith Wynter Blyth—*Griffin* (\$10). This is the fifth revised and enlarged edition of a standard work on toxicology. It contains a wealth of valuable material for the analyst, and the text gains great interest from accounts of a number of cases illustrative of various types of poisoning.

Science News-Letter, November 23, 1929