

FIRST GLANCES AT NEW BOOKS

PHYSIOLOGY AND BIOCHEMISTRY OF BACTERIA—R. E. Buchanan and Ellis I. Fulmer—*Williams and Wilkins* (\$7.50). Bacteria are the most inseparable companions of man. For good or ill they are with him every moment of his life, and they dispose of his remains when he is dead. It therefore behooves him to know how they work, that he may the more intelligently fight the bad and direct the activities of the good in agriculture, sanitary engineering, hygiene and manufacturing. To this end, the work of the present authors in summing up their own researches and collating a large and scattered literature is of unusual merit.

Bacteriology
Science News-Letter, September 1, 1928

HUNTING UNDER THE MICROSCOPE—Sir Arthur E. Shipley—*Macmillan* (\$2.50). A compact little companion for the amateur as well as the more advanced microscopist, telling of the strange and often beautiful animalculæ to be seen by a "wider-opened eye".

Zoology
Science News-Letter, September 1, 1928

ECOLOGICAL SURVEY OF THE FLORA OF PORTO RICO—M. T. Cook and H. A. Gleason—*Insular Exp. Sta., Rio Piedras, P. R.* A study of the vegetation of Porto Rico, of interest to students of ecological botany. More than half the volume is made up of excellent illustrative photographs and maps.

Ecology
Science News-Letter, September 1, 1928

COLORADO PLANT LIFE—Francis Ramaley—*University of Colorado Semicentennial Publications* (\$2). A thoroughgoing ecological discussion of the plant life of a State which has always been popular with botanists who seek a summer playground where they can keep on working at their favorite sport. The book will without question find its way to botanical library shelves far from its native mountains.

Ecology
Science News-Letter, September 1, 1928

THE INDIVIDUALITY OF THE PIG—Robert Morrison—*Dutton* (\$6). An up-to-date book on the breeding, feeding and management of swine, briskly written and well illustrated. A book for the teacher of animal husbandry and for the practical farmer as well.

Animal Husbandry
Science News-Letter, September 1, 1928

THE FALLS OF NIAGARA—Glenn C. Forrester—*Van Nostrand* (\$2.50). Tracing the geologic story of the Niagara region should, as the author suggests, give Niagara a richer and deeper significance to the thoughtful observer. This is the first complete account of the subject that has been prepared in readable style for the general public.

Geology
Science News-Letter, September 1, 1928

AFRICAN JUNGLE LIFE—A. Radclyffe Dugmore—*Macmillan* (\$6). Tembo, the Elephant; Simba, the Black-Maned Lion; Mbogo, the Buffalo; Kifaru, the Rhinoceros, and Twiger, the Giraffe, have their lives recorded most graphically and interestingly. The author respects his animals, and does not try to put human brains into their skulls. And the publishers have respected their manuscript, giving it the good printing it deserves and putting in a lot of beautiful colored plates.

Zoology
Science News-Letter, September 1, 1928

SCIENCE AND RELIGION AS THEY LOOK TO A LAYMAN—Jonathan Rigdon—*Danville, Indiana, published by the author* (\$1.50). A fair-minded discussion of the so-called "conflict" by a man who is sympathetic to the aims of both.

Philosophy
Science News-Letter, September 1, 1928

THE MODERN GASOLINE AUTOMOBILE—Victor W. Page—*Henley* (\$5). Another edition of this comprehensive book that the enterprising young auto mechanic should cherish and those who drive could refer to with profit.

Engineering
Science News-Letter, September 1, 1928

THE EVOLUTION OF PENOLOGY IN PENNSYLVANIA—Harry E. Barnes—*Bobbs Merrill* (\$5). A comprehensive historic study, from colonial days to 1927. Pennsylvania's past methods of dealing with crime are of unusual interest because prison history in this country owes considerable to Quaker ideas of prison reform. Pennsylvania has long since ceased to be a leader in penological progress, the author points out. Its modern problems and ways of meeting them are enlightening to the reader chiefly because they present a fairly typical panorama of prison conditions in a big state.

Sociology
Science News-Letter, September 1, 1928

THE FALL OF THE RUSSIAN EMPIRE—Edmund A. Walsh—*Little, Brown* (\$3.50). A very human and dramatic painting of events, in which the author has wherever possible "let the leading characters tell the story in their own words, in the belief that we shall come thereby to a surer understanding of the secret prejudices, the controlling emotions, and predominant passions that so often displace pure reason as mainsprings of action."

History
Science News-Letter, September 1, 1928

FUNDAMENTALS OF HUMAN MOTIVATION—Leonard T. Troland—*Van Nostrand* (\$5). Dr. Morton Prince once remarked to Dr. Troland that "the problem of motivation is the only important one in human life", and here, at last, is a comprehensive account of this rather neglected aspect of psychology. The author organizes facts and current theories as a basis for a psycho-physiological theory of his own. Since the viewpoint is conservative and yet tolerant, the book will probably be acceptable to an unusually large percentage of readers interested in the basic problems of psychology.

Psychology
Science News-Letter, September 1, 1928

STUDIES IN DECEIT—Hugh Hartsorne and Mark A. May—*Macmillan* (\$4.50). The first volume by the Character Education Inquiry at Columbia University reporting on its "Studies in the Nature of Character". These two psychologists have worked out a battery of honesty tests which they used with 12,000 children. They have traced the streak of lying and cheating that runs through so many schoolrooms, that is seen at children's parties, and even in athletic contests where fairness should be the very spirit of sport.

Psychology—Education
Science News-Letter, September 1, 1928

HUMAN BEHAVIOR—Walter S. Hunter—*Univ. of Chicago Press* (\$2). Only the second half of Dr. Hunter's new book is devoted to the psychological principles of normal adult behavior. The first half discusses man's prehistoric background, racial behavior, the development of the individual, and other subjects ordinarily consigned to entirely separate and bulky volumes. This organization of material gives unusual depth and perspective to general psychology.

Psychology
Science News-Letter, September 1, 1928