

● First Glances at New Books

Embryology-Genetics

EMBRYOLOGY AND GENETICS—Thomas Hunt Morgan—*Columbia Univ. Press*, 258 p., \$3. This book, which combines in a new way a number of elements ordinarily presented as parts of different courses in college zoology, suggests an excellent unified course that should put into the student's mind a better ordered, more unified knowledge of the steps and processes involved in reproduction and heredity. The selection and arrangement of the matter, its style of presentation and illustration, are all that one might expect from its distinguished author.

Science News Letter, May 12, 1934

Zoology-Anthropology

MAN'S PLACE AMONG THE ANTHROPOIDS—William King Gregory—*Oxford*, 119 p., \$2.50. Three lectures on the evolution of man from the lower vertebrates, presented at University College, London, and here gathered into book form, by one who has established himself as a master of both the exacting science of comparative anatomy and the difficult art of presenting its often abstruse results in simplicity and clarity that will appeal to the lay as well as to the scientific audience. The figures and charts, though few, are worked out with convincing clarity.

Science News Letter, May 12, 1934

Geography

THE DISCOVERY OF THE AMAZON—José Toribio Medina, translated from the Spanish by Bertram T. Lee—*American Geographical Society*, 467 p., \$5. For three centuries historians hurled the name traitor at the Spanish Conquistador Francisco de Orellana, thereby damaging the fame of the man who first voyaged down headwater streams on Andean slopes, advancing thence from one connecting stream into another until he reached the main body of the great Amazon River. About forty years ago, Sr. José Medina gathered documents relating to Orellana's career and published them, with a strong defense of his character. This Spanish volume has now been translated into English and edited by Prof. H. C. Heaton; so that Medina's work may at last reach the audience he hoped to convince. Only 200 copies of Medina's book were printed in the Spanish edition, and it has never gained the notice it deserved.

Science News Letter, May 12, 1934

Horticulture

THE PRACTICAL GARDEN NOTEBOOK—Ellen Browder Bean—*Author (Chicago)*, \$2.50. A solid, substantial notebook cover, with correspondingly substantial index sheets to separate the pages, and blanks enabling the gardener to record—in any detail desired—the achievements and incidents of the growing season. It will be useful to all kinds of garden-makers, from the beginner struggling with his first crop of weeds to the veteran botanist. With a guide like this for the making of your garden's history season by season, it will be easier to duplicate past triumphs and avoid repetitions of past failures.

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Horticulture

THE JUNIOR GARDENER—Dorothy W. Greene and Rosetta C. Goldsmith—*Vanguard Press*, \$1.25. A pleasantly gotten up little book for little gardeners. Tells in short words how to make the garden, what to plant and how to cut and arrange the flowers. Wisely, the authors permit their small pupils to have the thrill of learning "big names" like *Rudbeckia*, *Dianthus*, *Helicobrysum*.

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Physics

THE THERMODYNAMICS OF ELECTRICAL PHENOMENA IN METALS—P. W. Bridgman—*Macmillan*, 200 p., \$3.75. This book brings together the substance of a number of papers written during the past ten years by the well-known electrical engineer and physicist of Harvard. It makes application of classical thermodynamics to electrical phenomena amenable to thermodynamic treatment.

Science News Letter, May 12, 1934

Child Health

A HEALTH PROGRAM FOR THE CHILDREN OF A COUNTY—Thomas Gordon Bennett—*Teachers College, Columbia Univ.*, 196 p., \$2. Dr. Bennett has made a careful study of child health and facilities for promoting it in Queen Anne's County, Maryland. The report of this study and his program may prove helpful to health officials.

Science News Letter, May 12, 1934

Physics

RESONANCE RADIATION AND EXCITED ATOMS—Allan C. G. Mitchell and Mark W. Zemansky—*Macmillan*, 338 p., \$5. Resonance radiation is a powerful means of obtaining information concerning the interaction of light and matter. It is a form of light and is intimately connected with atoms and their structure. This book is a comprehensive account of the theories, experiments and interpretations since the discovery of resonance radiation by R. W. Wood in the early part of the present century.

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Zoology

MORE ABOUT ANIMALS—Margery Blanco—*Macmillan*, xii+115 p., \$1.75. A whole series of interesting pets introduced in amusing anecdotes, with attractive black-and-white pictures. For anyone who likes animals (and we all do) this book should make a very pleasant gift.

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Medicine

TWENTY-FOURTH REPORT—*Henry Phipps Institute for the Study, Treatment and Prevention of Tuberculosis*, \$2 plus postage. This collection of reprints on all phases of tuberculosis will be helpful to workers in this field and to physicians in general. The material is, of course, too technical for the lay reader.

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Industrial History

HISTORY OF THE BREWING INDUSTRY AND BREWING SCIENCE IN AMERICA—John E. Siebel and Anton Schwarz—*Siebel-Schwarz Memorial, Chicago*, 260 p., \$3.

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Research

ANNUAL REPORT OF THE DIRECTOR TO THE BOARD OF TRUSTEES FOR THE YEAR 1933—*Field Museum of Natural History*, 136 p., \$1.

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Physiology

TRANSPORTEURS D'OXYGENE—Marcel Florin—*Hermann & Cie, Paris*, 38 p., 12 fr.

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