

# ● First Glances at New Books

## Zoology

FROM JUNGLE TO ZOO—Lucile Q. Mann—*Dodd, Mead*, 246 p., \$2. Lucile Mann is the wife of Bill Mann, who is the director of the National Zoological Park in Washington. He numbers among his friends circus advance agents, animal trainers, clowns, explorers, scientists, "natives" of all colors on all continents, German animal dealers, Arab animal dealers, orang-utans, rhinoceroses, porcupines, and large snakes. He is apt to turn up for dinner with one or more of these in tow at any time; so that his helpmeet's life is anything but dull. But she meets all situations with an adaptability that would shame a diplomat's wife. In her book she carries us with her, in her interest and zest for strange guests, and equally for the strange hosts by whom she has in her turn been entertained when she accompanied her husband on his journeys into out-of-the-way ends of the earth.

*Science News Letter, November 24, 1934*

## Agricultural Economics

COTTON UNDER THE AGRICULTURAL ADJUSTMENT ACT—Henry I. Richards—*Brookings Institution*, 129 p., 50c. A dispassionately factual examination of the cotton-crop limitation methods used for the abatement of the accumulated surplus, and the results of the program.

*Science News Letter, November 24, 1934*

## Economics

SOCIAL INSURANCE AND ECONOMIC SECURITY—Edward H. Ochsner—*Bruce Humphries*, 289 p., \$2.50. The publisher says that this volume, written by a physician and consultant surgeon to the Augustana Hospital, Chicago, "raises the question whether it is wise or just for any government to take the fruits of labor from the industrious, frugal and

thrifty citizens and give them, without their consent, to the lazy, shiftless, and immoral. It makes the claim and furnishes the proof that social insurance has an inevitable tendency to do this very thing and hence that it does not favor justice and fair dealing among men."

*Science News Letter, November 24, 1934*

## Photography

THE SECRET OF EXPOSURE—Frank R. Fraprie—*American Photographic Publishing Co.*, 96 p., 50c. Of interest to those practising photography.

*Science News Letter, November 24, 1934*

## Geography

GUIDE TO ADIRONDACK TRAILS, NORTHEASTERN SECTION—*Adirondack Mountain Club*, 116 p., maps, 75c.

*Science News Letter, November 24, 1934*

## Ornithology

BIRD CITY—E. A. McIlhenny—*Christopher Pub. House*, 203 p., \$3. Written in narrative style, this book sets forth in intimate detail the life of a bird metropolis on a Gulf Coast island, as seen through the eyes of the author and his two grandsons. There are, of course, many photographic illustrations, some of them of really high quality.

*Science News Letter, November 24, 1934*

## Anthropology

THE PAWNEE GHOST DANCE HAND GAME, A STUDY OF CULTURAL CHANGE—Alexander Lesser—*Columbia Univ. Press*, 338 p., \$4. An elaborate scientific study of an old guessing game which has gone along with Pawnee history, changing with the times, having its revivals, adapting to social needs.

*Science News Letter, November 24, 1934*

## Petroleum

THE SIGNIFICANCE OF TESTS OF PETROLEUM PRODUCTS—Committee on Petroleum Products and Lubricants—*American Society for Testing Materials*, 76 p., \$1.00.

*Science News Letter, November 24, 1934*

## Economics

INDUSTRY'S COMING OF AGE (2d printing)—Rexford Guy Tugwell—*Columbia Univ.*, 274 p., \$2. The present Under Secretary of Agriculture's consideration of the technological history of industry, written in 1927.

*Science News Letter, November 24, 1934*

## Botany

WILD FLOWERS—Homer D. House—*Macmillan*, 264 full-color illustrations with descriptive text, \$7.50. Rarely does even a popular botany book deserve such fulsome adjectives as "gorgeous" or "sumptuous"; but this one rates them easily. The plates are reproduced from natural-color photographs, with a resulting fidelity in form and hue that will delight the amateur and gratify the professional botanist. The text consists of concise botanical descriptions of the plants, with habitat and distributional notes.

*Science News Letter, November 24, 1934*

## Adult Education

A STUDY OF THE NEEDS OF ADULTS FOR FURTHER TRAINING—M. R. Trabue and Beatrice J. Dvorak—*University of Minnesota*, 149 p., 50c. Just about half of a group of adults not occupationally adjusted were diagnosed as being in need of further vocational training or retraining along new lines. The importance of the right training is emphasized in this report, which is one of the bulletins of the Employment Stabilization Research Institute.

*Science News Letter, November 24, 1934*

## Child Care

THE MOTHER'S ENCYCLOPEDIA—Comp. by the Editors of the *Parents' Magazine*—*Reynal & Hitchcock*, 959 p., \$3. Articles which have previously appeared in *Parents' Magazine*, gathered into a single volume of convenient size and arranged in encyclopedia fashion so that it is easy to look up any of a wide range of topics from "Adolescent Boys," to "Whooping Cough."

*Science News Letter, November 24, 1934*

## Anatomy—Biology

THE WISTAR INSTITUTE BIBLIOGRAPHIC SERVICE, VOL. 7—Ed. and rev. by Helen Dean King—*Wistar Institute of Anatomy and Biology*, 377 p., \$5.

*Science News Letter, November 24, 1934*

## Vocations

CHOOSING A CAREER—George Bijur, ed.—*Farrar and Rinehart*, 274 p., \$1.75. Whether you are faced with the decision of a future vocation or not, you will find in this group of discussions by prominent people interesting glimpses of varied fields. You can here learn, for example, what Miss Amelia

## ● RADIO

Tuesday, November 27, 4:30 p. m.

HARNESSING SCIENTIFIC DISCOVERIES, by Dr. P. G. Agnew, Secretary of the American Standards Association.

Tuesday, December 4, 4:30 p. m.

THE FIGHT AGAINST THE TERMITES, By Dr. Charles A. Kofoid, Professor of Zoology, University of California.

In the Science Service series of radio addresses given by eminent scientists over the Columbia Broadcasting System.

Earhart and Lieut.-Commdr. Frank Hawks have to say about aviation, Roy Chapman Andrews about exploration, Miss Frances Perkins about industrial relations, Neysa McMein about commercial art and Margaret Bourke-White about commercial photography, James P. Warburg about finance, S. L. Rothafel (Roxy) about entertainment, and Miss Frances Robinson (Robbie) about secretarial work.

*Science News Letter, November 24, 1934*

#### Economic Entomology

AN ANNOTATED BIBLIOGRAPHY OF THE HESSIAN FLY, PHYTOPHAGA DESTRUCTOR (SAY)—J. S. Wade—*Govt. Print. Off.*, 100 p., 10c. All known publications on the long and dishonorable career of one of our leading grain pests are listed here; some of them date far back into the eighteenth century.

*Science News Letter, November 24, 1934*

#### Education

BIBLIOGRAPHY OF RESEARCH STUDIES IN EDUCATION, 1932-1933—Ruth A. Gray—*Govt. Print. Off.*, 349 p., 28c. (U. S. Office of Education Bulletin, 1934, no. 7).

*Science News Letter, November 24, 1934*

#### Education

TEACHERS' PROBLEMS WITH EXCEPTIONAL CHILDREN—III: MENTALLY RETARDED CHILDREN—Elise H. Martens—*Govt. Print. Off.*, 42 p., 5c. U. S. Office of Education Pamphlet no. 49.

*Science News Letter, November 24, 1934*

#### Biology

OBJECTIVE UNIT TESTS ON EVERYDAY PROBLEMS IN BIOLOGY—C. J. Pieper, W. L. Beauchamp and O. D. Frank—*Scott, Foresman*, 48 p., 28c.

*Science News Letter, November 24, 1934*

#### General Science

OBJECTIVE UNIT TESTS ON EVERYDAY PROBLEMS IN SCIENCE—C. J. Pieper and W. L. Beauchamp—*Scott, Foresman*, 68 p., 28c.

*Science News Letter, November 24, 1934*

#### Photography

REMARKABLE LIGHTNING PHOTOGRAPHS—C. G. Abbot—*Smithsonian Institution*, 3 p., 5c. A reproduction with explanation of two extraordinary photographs taken by Alexander Larsen of Chicago.

*Science News Letter, November 24, 1934*

#### Geology

A LABORATORY MANUAL OF PHYSICAL AND HISTORICAL GEOLOGY—Kirtley F. Mather and Chalmer J. Roy—*Appleton-Century*, 302 p., map. \$2.50.

*Science News Letter, November 24, 1934*

#### Geology

REPORT OF THE COMMITTEE ON GEOLOGIC TIME—Alfred C. Lane, chairman—*National Research Council*, 86 p., free. A summary of the latest work by geologists and geophysicists all over the world who are endeavoring to obtain a more accurate estimate of the absolute ages of geologic formations, particularly by the use of the various radioactive "clocks of the rocks" that have been proposed. This report should be consulted by every one in any way interested in historical geology, for it makes obsolete, in part or in whole, every geologic time table now in print.

*Science News Letter, November 24, 1934*

#### Engineering

A. S. T. M. STANDARDS ON ELECTRICAL INSULATING MATERIALS—*American Society for Testing Materials*, 281 p., \$1.75.

*Science News Letter, November 24, 1934*

#### Botany

L'EMBRYOLOGIE VÉGÉTALE — RESUMÉ HISTORIQUE—René Souèges—*Hermann et Cie.*, 57 p., 12 fr.

*Science News Letter, November 24, 1934*

#### Plant Chemistry

LES CAROTÉNOÏDES DES PLANTES—Edgar Lederer—*Hermann et Cie.*, 82 p., 18 fr.

*Science News Letter, November 24, 1934*

#### Botany

LA MULTIPLICATION VÉGÉTATIVE—Pierre Chouard—*Hermann et Cie.*, 10 fr.

*Science News Letter, November 24, 1934*

#### Hygiene

THE NEW HANDBOOK OF HEALTH—Woods Hutchinson—*Houghton Mifflin*, 432 p., 96c. A textbook of physiology and hygiene for elementary pupils. The figures showing the composition of various common foodstuffs are particularly interesting.

*Science News Letter, November 24, 1934*

#### Archaeology

THE EXCAVATIONS AT DURA-EUROPOS . . . PRELIMINARY REPORT OF FIFTH SEASON OF WORK, OCTOBER, 1931-MARCH, 1932—Ed. by M. I. Rostovtzeff—*Yale Univ.*, 322 p., 52 plates, \$5. An important year in the excavation of Dura is added to the growing shelf

of volumes on this remarkable site. Discoveries described in this report include fortifications, military archives, shops and dwellings, two temples, and the now famous chapel with its revelations of Christian art in the first part of the third century. Several of these early Bible paintings are reproduced in color.

*Science News Letter, November 24, 1934*

#### Juvenile Science

SCIENCE AT HOME—Edith M. Patch and Harrison E. Howe—*Macmillan*, 450 p., 92c. A simply but intelligently written book for younger readers, which will show them vividly what a wonderfully interesting place home is, and also introduce them to the equally interesting, even though somewhat strange, homes that other children live in. It also gives them convincing but painless "why nots" for a number of necessary "do nots," and to counterbalance, a large number of fascinating and profitable things which they may do.

*Science News Letter, November 24, 1934*

#### Radio

RADIO AS A CULTURAL AGENCY—Edited by Tracy F. Tyler—*National Committee on Education by Radio*, 150 p., free. The text of addresses delivered at a conference of the National Committee on Education by Radio, together with reports of discussion and group and committee reports.

*Science News Letter, November 24, 1934*

#### Natural History

DO YOU KNOW?—Janet Smalley—*William Morrow*, 44 p., \$1.25. Bright, poster-like illustrations of the life activities of a number of insects, with brief text for very young readers.

*Science News Letter, November 24, 1934*

#### Botany

MANUAL OF THE TREES OF NORTH AMERICA—Charles Sprague Sargent—*Houghton Mifflin*, 910 p., \$5. Botanists everywhere will welcome this new edition of Sargent's classic work, in manageable one-volume form and at a manageable price. Its appearance is especially timely, in view of the great expansion in the study and practice of forestry which seems to be in immediate prospect in this country.

*Science News Letter, November 24, 1934*

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