

• First Glances at New Books

Geography

SAHARA, THE GREAT DESERT—E. F. Gautier, Translation by Dorothy F. Mayhew—*Columbia University Press*, 264 p., \$3.75. Prof. Gautier, well known authority on the great Sahara, tells of its geology, its history, and its life and conveys the mystery and fascination of the region vividly to the reader. The book is not merely a translation, for Miss Mayhew has, with the author's aid, produced an expanded and revised version. A new concluding chapter describes what is happening to the Sahara as Europeans introduce telegraph lines, automobile and airplane routes, and new industries, and as they talk of possibilities of converting sun and wind energy into power.

Science News Letter, September 28, 1935

Geology-Chemistry

PETROLEUM, THE STORY OF AN AMERICAN INDUSTRY — *American Petroleum Institute*, 95 p., 15c. The second edition of the booklet "Oil," which was published in 1930, is a handy summary of information on the oil industry.

Science News Letter, September 28, 1935

Paleontology

A CORRELATION OF SOME MIOCENE AND PLIOCENE MAMMALIAN ASSEMBLAGES IN NORTH AMERICA AND ASIA WITH A DISCUSSION OF THE MIO-PLIOCENE BOUNDARY—P. Teilhard de Chardin and R. A. Stirton—*Univ. of Calif.*, 13 p., 25c.

Science News Letter, September 28, 1935

Geology

MESOZOIC AND CENOZOIC ERUPTIVE ROCKS OF THE SOUTHERN KLAMATH MOUNTAINS, CALIFORNIA—Norman E. A. Hinds—*Univ. of Calif.*, 67 p., 75c.

Science News Letter, September 28, 1935

Embryology

PROBLEMS IN EXPERIMENTAL EMBRYOLOGY—Julian S. Huxley—*Oxford*, 17 p., 35c. In this Boyle lecture Prof. Huxley tells some of the facts scientists have learned about the apparently mysterious process by which the egg develops into the adult animal.

Science News Letter, September 28, 1935

Ornithology

A POPULAR ACCOUNT OF THE BIRD LIFE OF THE FINGER LAKES SECTION OF NEW YORK, WITH MAIN REFERENCE TO THE SUMMER SEASON (ROOSEVELT WILD LIFE BULLETIN, VOL. 6, NO. 3)—Chas. J. Spiker—*Roosevelt Wild Life Forest Experiment Station*, 160 p., 1 map, 50c. This publication, well worthy of the

series of which it is a part, will be useful not only in the region for which it is especially written but in considerable adjacent areas.

Science News Letter, September 28, 1935

Biology

LES IONOGRAMMES DE LA CONTRACTION MUSCULAIRE — M. Dubuisson — *Hermann et Cie., Paris*, 34 p., 12 francs.

Science News Letter, September 28, 1935

Biology

LES INVERTÉBRÉS; ARTHROPODES, MOUSQUÉS ET ÉCHINODERMES — Georges Bohn—*Hermann et Cie., Paris*, 132 p., 18 francs.

Science News Letter, September 28, 1935

Science, Miscellaneous

POPULAR SCIENCE TALKS, VOL. XII — *Philadelphia College of Pharmacy and Science*. 198 p., \$1. Continuation of an interesting series of lectures, made available in printed form. This volume offers such subjects as The Herbs and the Stars, Living Light, Tooth Truths, etc.

Science News Letter, September 28, 1935

Biology

PHYSIOLOGIE DU DÉVELOPPEMENT ET GÉNÉTIQUE — N. K. Koltzoff — *Hermann et Cie., Paris*, 55 p., 12 francs.

Science News Letter, September 28, 1935

Biology

PHÉNOMÈNES D'INTÉGRATION DANS LES CULTURES DES TISSUS — Boris Ephrussi—*Hermann et Cie., Paris*, 24 p., 8 francs.

Science News Letter, September 28, 1935

Biophysics

L'ÉLECTROACTIVITÉ DANS LA CHIMIE DES CELLULES—René Wurmser—*Hermann et Cie., Paris*, 82 p., 18 francs.

Science News Letter, September 28, 1935

Biology

EXPOSÉS DE BIOMÉTRIE ET DE STATISTIQUE BIOLOGIQUE: V, LES ASSOCIATIONS BIOLOGIQUES AU POINT DE VUE MATHÉMATIQUE — Vito Volterra and Umberto D'Ancona, 96 p., 20 fr.; VI, LE POLYMORPHISME DES MALES DE COLÉOPTÈRES—Renaud Paulian, 33 p., 10 fr.—*Hermann et Cie., Paris*.

Science News Letter, September 28, 1935

Botany

WEED SEEDS—Emil Korsmo—G. E. Stechert, 175 p., 34 colored plates, \$10. This book will be indispensable to seed analysts as well as to growers and dealers; agronomists and botanists generally will also find it useful. More than 300 species are figured and given exact trilingual descriptions (Norwegian, German, English). The arrangement is phytosociological rather than taxonomic; this aids in the practical use of the book, yet need not be much of a bother to the systematist. A useful feature is an appendix giving a common-name synonymy in American, Danish, French, Dutch, Italian, Canadian, Norwegian, Russian, Swedish and German.

Science News Letter, September 28, 1935

Biology

MIGRATIONS ET MÉTAMORPHOSES DE L'ANGUILLE D'EUROPE—Léon Bertin—*Hermann et Cie., Paris*, 57 p., 15 francs.

Science News Letter, September 28, 1935

Meteorology

GÉNÉRALITÉS SUR LES MESURES—Pierre Fleury—*Hermann et Cie., Paris*, 73 p., 15 francs.

Science News Letter, September 28, 1935

Physics

LA RADIATION COSMIQUE: v. 1, 22 p., 4 pl., 10 francs; v. 2, 24 p., 3 pl., 8 francs; v. 3, 19 p., 1 pl., 7 francs; v. 4, 20 p., 7 pl., 10 francs—*Hermann & Cie., Paris*.

Science News Letter, September 28, 1935

Mechanics

THÉORIES MÉCANIQUES: II, PROPAGATION ET ABSORPTION DU SON, 62 p., 15 fr.; III, LA STABILITÉ DE ROUTES DES LOCOMOTIVES (Première partie), 65 p., 15 fr.—Y. Rocard—*Hermann et Cie Paris*.

Science News Letter, September 28, 1935

Poultry Husbandry

A GUIDE TO SEXING CHICKS—Charles S. Gibbs—*Orange Judd*, 63 p., \$1.25. A brief illustrated text making available to English-speaking poultrymen and teachers of poultry husbandry the technique developed in Japan by Kojima and Sakajiyama.

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