

• First Glances at New Books

General Science

WORLD BRAIN—H. G. Wells—*Double-day, Doran*, 194 p., \$2. This is nothing less than the blueprint, or rather the architect's preliminary rendition, for a modernization of the intellectual organization of the world. Mr. Wells' essays are urgent and provocative contributions to a scientific research in constructive sociology and human ecology. His Universal Encyclopedia, a sort of world brain, is a central idea which he believes would be capable of bringing about a world unity, only attainable through knowledge plus action. Readers of the SCIENCE NEWS LETTER, who followed Science Service's development of microfilm for intellectual utilizations, will be interested in Mr. Wells' conviction that microfilm will play an important part in the practical formation of the world brain.

Science News Letter, April 30, 1938

Physiology—Psychology

PAVLOV AND HIS SCHOOL: THE THEORY OF CONDITIONED REFLEXES—Y. P. Frolov—*Oxford Univ. Press.*, 291 p., illus., \$4. Physiologists and medical scientists and students generally will be interested in this book about the great Russian physiologist and his work.

Science News Letter, April 30, 1938

Archaeology

INDIANS OF THE RIO GRANDE VALLEY—Adolph F. Bandelier and Edgar L. Hewett.—*Univ. of New Mexico Press*, 274 p., illus., \$3.50. The second in a series of handbooks of archaeological history prepared by Dr. Hewett. This one combines information regarding living Pueblos with documentary history by Bandelier, thus presenting these Indians and their unchanging pattern of life from two vantage points.

Science News Letter, April 30, 1938

Medicine

ATLAS OF HEMATOLOGY—Edwin E. Osgood and Clarice M. Ashworth—*J. W. Stacey*, 255 p., illus., \$10. This is a book for practicing physicians, medical students and laboratory technicians. Besides the exceptionally fine illustrations, there is a text which takes up the application of blood studies and diagnosis, prognosis and treatment of disease.

Science News Letter, April 30, 1938

Engineering

HEATING, VENTILATING, AIR CONDITIONING GUIDE, 1938—American Soc. of Heating and Ventilating Engineers, 1268

p., \$5. This is the sixteenth annual edition of this professional guide. It contains a technical data section, a manufacturers' catalog data section and the roll of membership of the American Society of Heating and Ventilating Engineers.

Science News Letter, April 30, 1938

Dendrology

KNOWING YOUR TREES—G. H. Colingwood—*American Forestry Assn.*, 109 p., illus., \$1. Each species is described and pictured on a pair of facing pages. Illustrations show the entire tree (in deciduous trees, both bare and in foliage), closeups of bark, leaves, flowers, fruits, and other critical identification characters. Text gives non-technical description and brief statement of economic significance. An excellent book for either botanist or amateur.

Science News Letter, April 30, 1938

Cytology

THE CHROMOSOMES—M. J. D. White—*Chemical Pub. Co. of N. Y.*, 128 p., illus., \$1.50. A compact treatise on chromosomes, designed particularly for students in biology who want their information up to date but lack time or need for the more bulky exhaustive works available. Naturally, a great deal has had to be left out, but the author shows good selective judgment and arranges his materials well.

Science News Letter, April 30, 1938

Chemistry

MODERN METHODS OF REFINING LUBRICATING OILS—Vladimir A. Kalichevsky—*Reinhold*, 235 p., \$6. This volume is another in the series published by the American Chemical Society in which a particular field of industry is summarized in comprehensive fashion. Extensive bibliographies, footnotes and a long list of patents in the field of its subject matter makes this book valuable for the specialist in refining.

Science News Letter, April 30, 1938

Anthropology

ORIGIN LEGEND OF THE NAVAHO ENEMY WAY: TEXT AND TRANSLATION—Father Berard Haile—*Yale Univ. Press*, 320 p., \$3.50. A great deal of information regarding Indian social life and religious thought is found in this long text of a single Navaho ceremonial, the war dance. The Indian who dictated the narrative was able to interpret the songs intelligently and to explain the rites.

Science News Letter, April 30, 1938

History

THE CONQUEST OF CIVILIZATION, (New Ed.)—James Henry Breasted—*Harper*, 669 p., illus., \$4. Dr. Breasted's last book, and surely one of his best. It brings up to date the historic evidence that archaeologists have gleaned from studies of the past, and presents more vividly than ever the story of man's rise to civilization and his struggles for glory and power. It thus replaces the first edition, of 1926.

Science News Letter, April 30, 1938

Ethnology—Biography

EXTRACTS OF LEWIS HENRY MORGAN'S EUROPEAN TRAVEL JOURNAL—Leslie A. White, ed.—*Rochester Historical Society*, 171 p., 75 c. It is an unusual experience, to visit Europe of 1870 through the eyes of so keen-minded an American. Prof. Morgan, sometimes called "father of American Anthropology," was chiefly attracted by ethnological features of European civilization. He wrote down many astute comments on the customs of Europeans, not all of which he approved.

Science News Letter, April 30, 1938

Public Health

HEALTH SECTION REPORT, WORLD FEDERATION OF EDUCATION ASSOCIATIONS, Tokyo, 1937.—*Health Section Secretariat, New York City*, 242 p., \$1. Educators in general as well as health educators will find much of interest in this report of the proceedings of the seventh biennial conference. Efforts to improve child health are apparently world-wide. Methods and conditions to be remedied naturally vary widely, which makes the reports of the various delegates entertaining as well as instructive.

Science News Letter, April 30, 1938

Radio

HOW TO PASS RADIO LICENSE EXAMINATIONS—Charles E. Drew—*Wiley*, 201 p., \$2. A brief volume in question and answer form giving the information and knowledge required to pass the government radio license examination. The author is instructor at the RCA Institute.

Science News Letter, April 30, 1938

General Science

SCIENCE AND THE COMMUNITY—J. Ramsey Macdonald—*British Association for the Advancement of Science, London, England*, 13 p., 1s. A significant address by the former Prime Minister of England, which was his last public utterance of importance.

Science News Letter, April 30, 1938