

• First Glances at New Books

ENGINEERING

MACHINE TRADES BLUEPRINT READING—Russel W. Ihne and Walter E. Streeter—*Amer. Tech. Soc.*, 138 p. mimeographed, blueprints, \$2. Fundamental in the knowledge required by the men who are arming America in making airplanes, tanks, machine tools, and all the other essentials is the ability to translate the ideas of the designer into metal shapes, information passed on to them by the use of blueprints. This very practical manual should go far to teach the way it is done. Actual prints, from the simplest to others much more complex are included, and question forms are given to test the student's knowledge. The book should be equally useful in a trade school, and to the worker who is teaching himself.

Science News Letter, June 7, 1941

ARCHITECTURE

SPACE, TIME AND ARCHITECTURE, The Growth of a New Tradition—S. Giedion—*Harvard University Press*, 601 p., illus., \$5. A fascinating and copiously illustrated account of the growth of a new tradition in architecture. The author states: "The problem which fascinated me was how our epoch was formed, where the roots of present-day thought lay buried. . . . The historian, the historian of architecture especially, must be in close contact with contemporary conceptions. . . . History is not simply the repository of unchanging facts, but a process, a pattern of living and changing attitudes and interpretations. As such, it is deeply a part of our natures."

Science News Letter, June 7, 1941

ECONOMICS

THE BOULDER CANYON PROJECT, Historical and Economic Aspects—Paul L. Kleinsorge—*Stanford Univ. Press*, 330 p., \$3.50. We are used to seeing the Boulder Canyon project as a gigantic, spectacular adventure in engineering. Here is the story of the less spectacular, but fundamental, things that had to be there before the engineers went to work.

Science News Letter, June 7, 1941

LANGUAGE

LANGUAGE IN ACTION, A Guide to Accurate Thinking, Reading and Writing—S. I. Hayakawa—*Harcourt, Brace*, 243 p., \$1.25. How to free one's speech and understanding of language from pitfalls and barriers is the theme of this book. Building an emotional picture around a

single word, workingman, for instance, or capitalist, "in the course of a lifetime we may pile up entire systems of meaningless noises." Urging objectivity, the author offers such rules as: "Words never say all about anything."

Science News Letter, June 7, 1941

ORNITHOLOGY

BIRD ISLANDS DOWN EAST—Helen Gere Cruickshank; photographs by Allen D. Cruickshank—*Macmillan*, 123 p., \$2.50. An interestingly written, excellently illustrated book about sea birds along the coast of Maine, and the author's experiences with them.

Science News Letter, June 7, 1941

OCEANOGRAPHY—MARINE BIOLOGY

PROCEEDINGS OF THE SIXTH PACIFIC SCIENCE CONGRESS OF THE PACIFIC SCIENCE ASSOCIATION held at the University of California, Berkeley, Stanford University, and San Francisco, July 24th to August 12th, 1939, Vol. III—*Univ. of Calif. Press*, 754 p., \$3.50.

Science News Letter, June 7, 1941

ZOOLOGY

STUDIES OF NEOTROPICAL COLUBRINAE, VIII. A Revision of the Genus *Dryadophis* Stuart, 1939—L. C. Stuart—*Univ. of Mich. Press*, 106 p., 4 pl., \$1.15.

Science News Letter, June 7, 1941

BOTANY

STUDIES OF THE VEGETATION OF MISSOURI—II, Phanerogamic Flora of the Fresh-water Springs in the Ozarks of Missouri—Julian A. Steyermark—*Field Museum of Natural History*, 139 p., 24 plates, \$1.25.

Science News Letter, June 7, 1941

GENERAL SCIENCE

EXPLORATIONS AND FIELD-WORK OF THE SMITHSONIAN INSTITUTION IN 1940—*Smithsonian Inst.*, 100 p., illus., *Free upon direct application to Smithsonian Inst., Washington, D. C.*

Science News Letter, June 7, 1941

AERONAUTICS

AMERICAN AVIATION DIRECTORY: Aviation Officials and Companies, Vol. 2, No. 1 (First Half 1941)—Wayne W. Parrish, ed.—*American Aviation Associates*, 361 p., \$5 per yr. (2 editions); \$3 single copy. See SCIENCE NEWS LETTER, Sept. 7, 1940. Up to date information for all those concerned in any way with aviation.

Science News Letter, June 7, 1941

RADIO

CALLING CQ, Adventures of Short-Wave Radio Operators—Clinton B. DeSoto—*Doubleday, Doran*, 291 p., \$2. This is the story of amateur radio, and the "hams" who have formed an unofficial network of communications all over the world, a network potentially of great importance, and which has already many great achievements to its credit. (No index!)

Science News Letter, June 7, 1941

TECHNOLOGY

FARES, PLEASE! From Horse-cars to Streamliners—John Anderson Miller—*Appleton-Century*, 204 p., illus., \$3.50. With people in the United States taking 13 billion rides a year, an average of 265 a year for every man, woman and child, the importance of urban transportation is easily apparent. This book relates the story from New York's first stage coach in 1827 to the most modern types of bus.

Science News Letter, June 7, 1941

PHYSIOLOGY

ANNUAL REVIEW OF PHYSIOLOGY, Vol. III, 1941—James Murray Luck and Victor E. Hall, eds.—*Annual Reviews, Inc.* 784 p., \$5.

Science News Letter, June 7, 1941

TECHNOLOGY

PATENT FUNDAMENTALS—Leon H. Amund—*Chemical Pub. Co.*, 305 p., illus., \$4. Written by a former patent examiner, and now a patent attorney, this interesting book tells the general reader what things are patentable, how patents are granted, the rights they confer, etc.

Science News Letter, June 7, 1941

BIBLIOGRAPHY

BOOKLIST BOOKS, 1940—*American Library Assoc.*—63 p., 75c. "Selected by the vote of many librarians and compiled by the Staff Book Reviewing Committee of The Queens Borough Public Library, New York City."

Science News Letter, June 7, 1941

GENERAL SCIENCE

PAPERS OF THE MICHIGAN ACADEMY OF SCIENCE ARTS AND LETTERS, Vol. XXVI (1940); Part I, Botany and Forestry, \$1.75; Part II, Zoology, \$1.75; Part III, Geography and Geology, \$1.50—Eugene S. McCartney and Mischa Titiev, eds.—*Univ. of Mich. Press*, 448 p., illus., plates. Part IV, a General Section, will complete the volume.

Science News Letter, June 7, 1941