

Books of the Week

For the editorial information of our readers, books received for review are listed. For convenient purchase of any U. S. book in print, priced at 95¢ or over, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

CLIFF DWELLERS OF WALNUT CANYON—Carroll Lane Fenton and Alice Epstein—*John Day*, 63 p., illus., \$2.75. A description for young readers of a tribe of Cliff Dwellers that lived in Arizona about 800 years ago.

EMOTIONAL FORCES IN THE FAMILY—Samuel Liebman, Ed.—*Lippincott*, 157 p., \$5. Study of the emotional interrelations between the patient and the most important individuals in his immediate environment.

EXPERIMENTS IN ELECTRONICS—W. H. Evans—*Prentice-Hall*, 374 p., illus., \$6.95. One hundred experiments on fifty different subjects for introductory electronic courses.

FEDERAL FUNDS FOR SCIENCE, VIII. The Federal Research and Development Budget Fiscal Years 1958, 1959, and 1960—Mildred C. Allen and others—*National Science Foundation (GPO)*, 74 p., illus., paper, 45¢. Data on the nation's investment in research and development.

FERRITES: Physical properties of ferrimagnetic oxides in relation to their technical applications—J. Smit and H. P. J. Wijn—*Wiley*, 384 p., illus., \$10.

THE FIRST BOOK OF ASTRONOMY—Vivian Grey, illus. by George Geygan—*Watts, F.*, 68 p., \$1.95. A well presented history of the earth, with informative diagrams.

BOOK OF 15 PARADOXES in Math and Logic

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FROM BONES TO BODIES: A Story of Paleontology—William Fox and Samuel Welles—*Walck, H. Z.*, 118 p., illus., \$3. A clearly written text for young readers.

GUIDE TO THE SPACE AGE—Compiled and edited by C. W. Besserer and Hazel C. Besserer—*Prentice-Hall*, 320 p., \$7.95. It presents the terminology of space technology with the purposes of standardizing the specialized language and make it understandable to the lay person.

HANDBOOK OF INDUSTRIAL RESEARCH MANAGEMENT—Carl Heyel, Ed.—*Reinhold*, 513 p., illus., \$12. Brings together practices of organization, evaluation and control of industrial research.

INSTRUCTIONS TO YOUNG ORNITHOLOGISTS: Bird Biology—J. D. Macdonald—*Museum Press (Sports Illustrated)*, 128 p., illus., \$3.75. A brief outline of the life of birds including such features as courtship, migration, internal anatomy, etc.

INTRODUCTION TO HIGHER MATHEMATICS FOR THE GENERAL READER—Constance Reid—*Thomas Y. Crowell*, 184 p., illus., \$3.50. Basic concepts presented clearly and directly.

INTRODUCTION TO ROCKET TECHNOLOGY—V. I. Feodosiev and G. B. Siniarev, transl. from Russian by S. N. Samburoff—*Academic*, 344 p., illus., \$9.50. One of the first text books on the subject. To understand it, a general background of physics, chemistry, and the principles of higher mathematics, is required.

THE INSIDE STORY!

Don't be deceived any longer! Special library reveals fads, frauds, claptrap. "Fads & Fallacies in Name of Science," Gardner, 325pp., \$1.50/ "Hoaxes," MacDougal, 350pp., \$1.75/ "Illusions and Delusions of Supernatural & Occult," Rawcliffe, 550pp., \$2.00/ Send money, 10¢ postage per book. Dept. SNL, Dover Pblctns, 180 Varick, N.Y. 14. Moneyback guarantee.

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INTRODUCTION TO RUBBER TECHNOLOGY—Maurice Morton, Ed.—*Reinhold*, 547 p., illus., \$10. A series of lectures intended to introduce new members of the rubber industry to the basic aspects of rubber technology.

LAND ACQUISITION 1959—David R. Levin and others—*Highway Res. Bd., Bull.* 232, 123 p., illus., paper, \$2.40.

THE MICROCIRCULATION: Symposium on Factors Influencing Exchange of Substances Across Capillary Wall—S. R. M. Reynolds and Benjamin W. Zweifach, Eds.—*Univ. of Illinois Press*, 170 p., illus., \$4.50.

NORTH AMERICAN WATERFOWL—Albert M. Day, sketches by Bob Hines—*Stackpole*, 363 p., \$5.75. Story and problems of waterfowl management.

OUT OF NOAH'S ARK: The Story of Man's Discovery of the Animal Kingdom—Herbert Wendt, transl. from German by Michael Bullock—*Houghton*, 464 p., illus., \$6.50.

PHYSICS OF THE ATOM—M. Russell Wehr and James A. Richards, Jr.—*Addison-Wesley*, 420 p., illus., \$8.50. An extension of the introductory college physics course into the realm of atomic physics.

SEEING THE EARTH FROM SPACE: What the Man-Made Moons Tell Us—Irving Adler—*John Day*, 160 p., illus., \$3.50. Material on the findings made by earth satellites and background material from the author's earlier book, *Man-Made Moons*.

STATE CONSTITUTIONAL PROVISIONS CONCERNING HIGHWAYS: A legal analysis—Alfred J. Tighe and others—*Highway Res. Bd.*, Special Report 50, 84 p., illus., paper, \$2.40.

THEORY OF ELASTICITY, Vol. 7, of Course of Theoretical Physics—L. D. Landau and E. M. Lifshitz, transl. from Russian by J. B. Sykes and W. H. Reid—*Addison-Wesley*, 134 p., \$6.50. Written primarily for physicists.

TOWN AND SQUARE FROM THE AGORA TO THE VILLAGE GREEN—Paul Zucker—*Columbus Univ. Press*, 287 p., illus., \$15. Develops the history and aesthetics of the void, whose characteristics are found in the square, the main point in the organization of the town.

THE TRIUMPH OF SURGERY—Jurgen Thorwald, transl. by Richard and Clara Winston—*Pantheon*, 454 p., illus., \$6.50. Narrates crucial moments in the pioneering age of surgery.

WHAT IS MONEY?—Louise K. Wilcox and Gordon E. Burks—*Steck*, 48 p., illus., \$1.75. Gives young readers access to basic principles of economics and of our money system.

Science News Letter, January 9, 1960

Do You Know

The Stanford Research Institute estimates that *radioisotopes* will contribute, in savings to agriculture, a minimum of \$180,000,000 a year for the next 20 years.

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