

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, 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.

THE ADVANCEMENT OF SCIENCE: Vol. XI, No. 42—*British Association for the Advancement of Science*, 143 p., illus., paper, 7s., 6d. Addresses delivered at the annual meeting of the British Association in Oxford, Sept. 1-8, 1954.

ALL THE YEAR ROUND—Mabel Louise Robinson—*Harper*, 150 p., illus., \$2.50. A novelist describes contacts with creatures, wild and tame.

AMERICAN SCIENCE AND INVENTION: A Pictorial History—Mitchell Wilson—*Simon and Schuster*, 437 p., illus., \$10.00. Intended to show how "inspired tinkers converted a wilderness into the wonder of the world."

ASIA, EAST BY SOUTH: A Cultural Geography—J. E. Spencer—*Wiley*, 453 p., illus., \$8.50. The major theme of the book is that, in particular environments, particular cultures have evolved with local peculiarities and regionalisms that distinguish the countries of the area.

ASTM STANDARDS ON ADHESIVES (WITH RELATED INFORMATION): Specifications, Physical Tests, Definitions—ASTM Committee D-14—*American Society for Testing Materials*, 205 p., illus., paper, \$1.75. Bringing together all of the ASTM test methods, definitions, specifications and recommended practices pertaining to adhesives.

ASTM STANDARDS ON COAL AND COKE (WITH RELATED INFORMATION) — ASTM Committee D-5—*American Society for Testing Materials*, 155 p., illus., paper, \$2.25. Of particular interest to utilities companies and others who buy coal and coke in large quantities on specification. Eight appendixes give proposed methods of test.

ATOMIC SCIENCE, BOMBS AND POWER—David Dietz—*Dodd, Mead*, 316 p., illus., \$4.50. The science editor of the Scripps-Howard newspapers explains atomic energy for the layman and tells what he thinks it means for the future of civilization.

BASKET MAKER II SITES NEAR DURANGO, COLORADO—Earl H. Morris and Robert F. Burgh—*Carnegie Institution of Washington*, Publication 604, 135 p., illus., cloth \$4.75, paper \$4.25. A record of archaeological excavations conducted by the Carnegie Institution of Washington in 1938 and 1940. The sites represent the earliest known stage of the Basket Maker-Pueblo culture cycle, dated by tree rings at 46 A.D.

BIBLIOGRAPHY AND INDEX OF GEOLOGY EXCLUSIVE OF NORTH AMERICA: Vol. 18—Marie

Siegrist, Mary C. Grier, and Marcia Lakeman—*Geological Society of America*, 599 p., \$5.50. Covering the literature published in 1953 as well as titles published prior to that date not cited in previous volumes.

BREAD: The Chemistry and Nutrition of Flour and Bread with an Introduction to Their History and Technology — Lord Horder, Sir Charles Dodds and T. Moran — Constable (*Macmillan*), 186 p., illus., \$3.75. Addressed especially to the doctor, science teacher, social worker and dietician.

A BUDGET OF PARADOXES: Reprinted With the Author's Additions from the Athenaeum — Augustus De Morgan—*Dover*, Unabridged edition of the second edition, two volumes bound as one, edited by David Eugene Smith with a new introduction by Ernest Nagel, 789 p., \$4.95. A survey of "the huge debris of barren intellectual labor that borders the winding path cut by modern science through the jungles of human ignorance."

CANARY TIPS—Cliff Newby—*All-Pets*, 56 p., illus., paper, 80 cents. Telling about the care and history of this pet, popular for over 300 years.

THE CARNEGIE UNIT: Its Origin, Status, and Trends—Ellsworth Tompkins and Walter H. Gaumnitz—*Govt. Printing Office*, Office of Education Bulletin 1954, No. 7, 58 p., paper, 25 cents. Reexamining the devices for measuring high school work in terms of time spent in the classroom.

THE COLON: ITS NORMAL AND ABNORMAL PHYSIOLOGY AND THERAPEUTICS—M. L. Tainter, Ed. — *New York Academy of Sciences*, Annals, Vol. 58, Art. 4, 248 p., illus., paper, \$4.50. Discussing the physiology and pharmacology of colonic disorders and their therapy.

DESIGN OF THE UNIVERSE: The Heavens and Earth—Fritz Kahn—*Crown*, 373 p., illus., \$5.00. A book intended to present a popularization of our knowledge about the structure of the universe.

DIRECTORY OF INDUSTRIAL RESEARCH LABORATORIES IN NEW YORK STATE, 1954 — *New York State Dept. of Commerce*, 126 p., paper, free upon request to publisher, 112 State St., Albany 7, N. Y. Listing more than 650 commercial and private industrial research laboratories in New York state.

ELEMENTS OF ECOLOGY—George L. Clarke—*Wiley*, 534 p., illus., \$7.50. Dealing with the inter-relations of plants and animals, on both land and water.

A HISTORY OF BIRDS—James Fisher—*Houghton Mifflin*, 205 p., \$3.75. Although designed for university students, this book is a valuable aid for any serious student of ornithology.

JEFF WHITE: Forest Fire Fighter—Lew Dietz—*Little, Brown*, 210 p., illus., \$2.75. Telling for children the adventures of a boy who is on hand to watch the Forest Service men battle fire.

LIFE ON OTHER WORLDS—Sir Harold Spencer Jones—*English Universities Press (Macmillan)*, revised ed., 259 p., illus., \$3.00. This work by the Astronomer Royal of England was originally published in 1940.

METAL PROCESSES AND APPARATUS, MACHINERY, AND TRANSPORTATION EQUIPMENT: GOVERNMENT-OWNED INVENTIONS Available for License—

Archie M. Palmer, Chairman—*Office of Technical Services*, 55 p., paper, \$2.00. Containing 657 brief descriptions of Government-owned inventions, this book is the fourth in a series of seven books of patent abstracts prepared from the Index of Inventions maintained by the Government Patents Board.

MODERN FEEDING OF BUDGERIGARS — Cessa Feyerabend—*All-Pets*, 63 p., illus., paper, 75 cents. How to raise shell parakeets and keep them healthy.

PACKAGING ENGINEERING—Louis C. Barail—*Reinhold*, 407 p., illus., \$9.50. A modern package must not only protect the contents from all deleterious outside influences, it must also sell the contents by its attractive appearance. Intended as the standard reference work of the container industry.

PROCEEDINGS OF THE THIRTY-THIRD ANNUAL MEETING—Fred Burggraf and Walter J. Miller, Eds.—*Highway Research Board*, Publication 324, 563 p., illus., \$8.50. Papers presented in Washington, D. C., Jan. 12-15, 1954.

PROPERTIES OF SURFACES — Cecil V. King, Ed. — *New York Academy of Sciences*, Annals, Vol. 58, Art. 6, 250 p., illus., paper, \$3.50. Containing the results of inquiries into special phases of surface reactions.

THE STATUS OF MULTIPLE SCLEROSIS—Harold R. Wainerdi, Ed.—*New York Academy of Sciences*, Annals, Vol. 58, Art. 5, 180 p., illus., paper, \$4.50. The results of research in biological, pathological, biochemical and clinical methods of treatment are reviewed and brought up to date.

THE STORY OF MAN: From the First Human to Primitive Culture and Beyond—Carleton S. Coon—*Knopf*, 437 p., illus., \$6.75. A noted anthropologist describes in non-technical language the main events of human history "from the time that man appeared on the face of the earth until the present moment, when he has the power to destroy it."

SUICIDE AND HOMICIDE: Some Economic, Sociological and Psychological Aspects of Aggression—Andrew F. Henry and James F. Short Jr.—*Free Press*, 214 p., illus., \$4.00. A study by sociologists of the relation between suicide and murder and other variables, such as the business cycle.

VOTING: A Study of Opinion Formation in a Presidential Campaign—Bernard R. Berelson, Paul F. Lazarsfeld and William N. McPhee—*University of Chicago Press*, 395 p., illus., \$7.50. Reporting several studies of how people vote and why.

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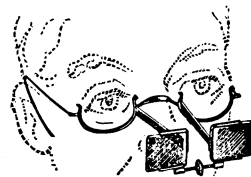
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