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AGRICULTURAL SOIL MAPS: Status, July 1957—*Highway Research Board*, Bulletin 22-R, 109 p., map, paper, \$2. Informing highway engineers of what soil surveys are available.

ANIMALS OF THE WORLD: Volume II, Kangaroos, Reindeer, Beavers, Whales—Edward Osmond—*Oxford Univ. Press*, 31 p., illus., \$2.25. Describing the habits, characteristics and natural surroundings of these animals.

AROUND THE WORLD IN 90 MINUTES: The Fabulous True Story of the Man-Made Moons—David O. Woodbury—*Harcourt*, 248 p., illus., \$5.75. Another popular book about the artificial satellites.

ATMOSPHERIC ELECTRICITY—J. Alan Chalmers—*Pergamon*, 327 p., illus., \$10. Covering not only lightning but the phenomena of atmospheric electricity in fine weather.

THE EXPERIMENTAL CONTROL OF PLANT GROWTH: With Special Reference to the Earhart Plant Research Laboratory at the California Institute of Technology—Frits W. Went—*Chronica Botanica (Ronald)*, 343 p., illus., \$8.50. Report of a study in air-conditioned greenhouses of plant climatology and ecological problems.

EXPLORING THE ATMOSPHERE'S FIRST MILE: Volume I, Instrumentation and Data Evaluation; Volume II, Site Description and Data Tabulation—Heinz H. Lettau and Ben Davidson, Eds.—*Pergamon* for Geophysics Research Directorate, ARDC, 578 p., illus., \$20 for the two volumes. Reporting a series of elaborate meteorological experiments.

GENERAL ZOOLOGY—Mary J. Guthrie and John M. Anderson—*Wiley*, 708 p., illus., \$7.50. An introductory text but not one that is superficial.

GOD'S WORLD AND YOU—O. A. Battista—*Bruce Pub.*, 229 p., illus., \$3.95. A popularization of science with a strong current of religious faith running through it.

A GUIDE TO THE LITERATURE OF CHEMISTRY—E. J. Crane, Austin M. Patterson and Eleanor B.

Marr—*Wiley*, 2d ed., 397 p., \$9.50. Telling how to search the literature.

HIGH-TALENT MANPOWER FOR SCIENCE AND INDUSTRY: An Appraisal of Policy at Home and Abroad—J. Douglas Brown and Frederick Harbison—*Industrial Relations Section, Princeton Univ.*, 97 p., \$3. Industrializing countries must plan for accumulation of strategic manpower resources just as they plan for dams, irrigation systems and modern factories.

HYPNOGRAPHY: A Study in the Therapeutic Use of Hypnotic Painting—Ainslie Meares—*Thomas, C. C.*, 271 p., illus., \$7.75. Describing the treatment of nervous illness by inducing the patient to project his conflicts in painting while under hypnosis.

IMPROVING THE ARITHMETIC PROGRAM—Leo J. Brueckner—*Appleton*, 120 p., illus., paper, \$1.25. The individual teacher can take steps to improve his instruction by adapting the contents of this booklet to his own needs.

AN INTRODUCTION TO THE STUDY OF STELLAR STRUCTURE—S. Chandrasekhar—*Dover*, 509 p., paper, \$2.75. Presenting the theory of stellar structure.

LONG, LONG AGO—Mary Lou Clark—*Pageant Press*, 37 p., illus. with drawings by Ann Macdonald, \$2. About the strange creatures that roamed the earth hundreds of millions of years ago. Told for young children.

MANUAL OF MICROBIOLOGICAL METHODS—Committee on Bacteriological Technic, M. J. Pelczar, Jr., Chairman—*McGraw-Hill*, 315 p., \$5.50. A practical handbook of methods, including some theoretical background.

MORPHOLOGY OF PLANTS—Harold C. Bold—*Harper*, 669 p., illus., \$8. An introductory text designed to provide a groundwork for further study of plant science and a guide to reading and laboratory study of plants.

NEUTRON CROSS SECTIONS—Donald J. Hughes—*Pergamon*, 182 p., illus., \$5. An explanation of the principles of cross-section theory for those working in nuclear science.

ONCE ROUND THE SUN: The Story of the International Geophysical Year—Ronald Fraser—*Macmillan*, 160 p., illus., \$3.95. This account of the plans for the whole year places the pyrotechnics over sputniks in proper perspective: "not as a stunt nor as a competitive item in a 'space race' but as an integrated part of the overall programme of the IGY."

PHYSICAL CHEMISTRY—E. A. Moelwyn-Hughes—*Pergamon*, 1295 p., illus., \$15. To help the student to master the subject and the scientist to keep abreast of it.

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PLEISTOCENE MAN AT SAN DIEGO—George F. Carter—*Johns Hopkins Press*, 400 p., illus., \$8. The author believes he has found clear evidence that man lived in America as much as 100,000 years ago although this antiquity is doubted by some other scientists.

PRESIDENT'S COMMITTEE ON SCIENTISTS AND ENGINEERS SECOND INTERIM REPORT TO THE PRESIDENT—Howard L. Bevis, Chairman—*President's Committee on Scientists and Engineers*, 35 p., diagrams, paper, single copies free upon request direct to publisher, Washington 25, D. C. Showing that the committee felt deep concern over our progress in the technological race with Russia long before the launching of the sputniks.

PROGRESS REPORT IN CHEMICAL LITERATURE RETRIEVAL—Gilbert L. Peakes, Allen Kent and James W. Perry, Eds.—*Interscience*, 217 p., illus., \$4.75. First in a series on documentation and library science.

THE RACE FOR SPACE!—Paul G. Neimark, Ed.—*Cameraris Pub. Co.*, 66 p., illus., paper, \$1. A compilation of writings in the field.

RADIOGRAPHY IN MODERN INDUSTRY—*Eastman Kodak Co.*, 2d ed., 136 p., illus., \$5. Revised to include the latest developments and techniques.

SCIENCE NEWS 46—Archie and Nan Clow, Eds.—*Penguin*, 127 p., illus., paper, 65¢. Another in the series of collections of timely British science articles.

SCIENTIFIC CAREERS AND VOCATIONAL DEVELOPMENT THEORY: A Review, a Critique and Some Recommendations—Donald E. Super and Paul B. Bachrach—*Teachers College*, 135 p., paper, \$1. Summarizing what is known about the characteristics of scientists, mathematicians and engineers and how to identify them early.

SOLID STATE PHYSICS: Advances in Research and Applications, Volume 5—Frederick Seitz and David Turnbull, Eds.—*Academic*, 455 p., illus., \$11. Containing a balance between experimental and theoretical material, including both introductory and advanced topics.

THE TAO OF SCIENCE: An Essay on Western Knowledge and Eastern Wisdom—R. G. H. Siu—*Technology Press and Wiley*, 180 p., illus., \$4.25. The Honolulu-born author looks at the Western way of doing through the contemplative Eastern eyes he acquired from his ancestors, and indicates how the Eastern philosophy can be applied to the problems of the modern executive.

TECHNICAL REPORT WRITING—James W. Souther—*Wiley*, 70 p., paper, \$2.95. For undergraduates and also practicing engineers.

THERMODYNAMICS OF ONE-COMPONENT SYSTEMS—William N. Lacey and Bruce H. Sage—*Academic*, 376 p., illus., \$8. Intended to help the student in his transit from science studies into engineering.

UNESCO: Purpose, Progress, Prospects—Walter H. C. Laves and Charles A. Thomson—*Indiana Univ. Press*, 469 p., \$7.50. Written by two Americans who have taken an important part in the work of UNESCO.

THE UNITED KINGDOM CONTRIBUTION TO THE INTERNATIONAL GEOPHYSICAL YEAR 1957-1958—*The Royal Society*, 72 p., illus., \$1.40. A good reference book.

WALT DISNEY'S WORLDS OF NATURE—Rutherford Platt and the Staff of the Walt Disney Studio—*Simon and Schuster*, 176 p., illus., \$4.95. A book of color pictures and text on nature in widely different climates from Arctic to desert.

X-RAY MICROSCOPY AND MICRORADIOGRAPHY: Proceedings of a Symposium Held at the Cavendish Laboratory, Cambridge, 1956—V. E. Cosslett, Arne Engström and H. H. Pattee, Jr., Eds.—*Academic*, 645 p., illus., \$16.50. These sciences will find applications, the editors predict, in virtually all fields of natural science from mineralogy to medicine.



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