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THE AMATEUR ASTRONOMER—Patrick Moore—Norton, 337 p., illus., \$4.50. A book by a British astronomer for the beginner who is anxious to make a start with what equipment he can collect at limited cost.

BENJAMIN FRANKLIN'S UNFINISHED BUSINESS: Story of the International Celebration of the 250th Anniversary of the Birth of Benjamin Franklin, 1706-1956—Helen and Clarence Jordan, Eds.—Franklin Institute, 315 p., illus., \$4.00. Bringing together the efforts of scientists over the world to carry out the ideas of Franklin and to spread his ideals to the peoples of the world in the anniversary year of 1956.

CALIFORNIA WASPS OF THE GENUS OXYBELUS (Hymenoptera: Sphecidae, Crabroninae)—Richard M. Bohart and Evert I. Schlinger—University of California Press, Bulletin of the California Insect Survey, Volume 4, No. 4, 32 p., 16 pl., paper, 75 cents. This rare wasp is of economic importance because it preys on disease-carrying and agricultural insects.

CHECKLIST OF THE COLEOPTEROUS INSECTS OF MEXICO, CENTRAL AMERICA, THE WEST INDIES, AND SOUTH AMERICA: Part 6—Richard E. Blackwelder—Govt. Printing Office, Smithsonian Institution, U. S. National Museum Bulletin 185,



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566 p., paper, \$2.25. A bibliography of all papers published before 1946.

COLLEGE PHYSICS—Robert T. Beyer and A. O. Williams Jr.—Prentice-Hall, 660 p., illus., \$7.50. Text for a one-year liberal arts course in general physics.

CONCEPTS OF FORCE: A Study in the Foundations of Dynamics—Max Jammer—Harvard University Press, 269 p., diagrams, \$5.50. Intended to clarify the role of force in classical as well as in modern physics.

CORONARY HEART DISEASE: Angina Pectoris; Myocardial Infarction—Milton Plotz, foreword by William Dock—Hoebner-Harper, 353 p., illus., \$12.00. Oriented for clinical use, this book gives the physician all the newest therapy and diagnostic aids.

THE EARLY DETECTION AND PREVENTION OF DISEASE—John P. Hubbard, Ed.—McGraw-Hill, 350 p., \$7.50. A selection taken from the proceedings of a post-graduate course conducted by the American College of Physicians.

EPILEPSY: Grand Mal, Petit Mal, Convulsions—Letitia Fairfield—Philosophical Library, 159 p., illus., \$4.75. A non-technical book for the patient, family, teacher or social worker.

GALACTIC NEBULAE AND INTERSTELLAR MATTER—Jean Dufay, translated by A. J. Pomerans—Philosophical Library, 352 p., illus., \$15.00. The diffuse matter between the stars of the Milky Way constitutes as much as half the total mass of our galaxy. One way its presence is revealed is by its effects on the light of the stars.

HEALTH YEARBOOK 1956—Oliver E. Byrd, Compiler—Stanford University Press, 278 p., \$5.00. A selection of 254 articles from 78 different periodicals or special reports.

HUMAN PROBLEMS OF A STATE MENTAL HOSPITAL—Ivan Belknap—McGraw-Hill, 277 p., diagrams, \$5.50. It is revealed here that most professional psychiatrists will not work in the state hospital. In the state hospital studied, none of the ward physicians was a Board-certified psychiatrist. The abandonment of state hospitals and substitution of decentralized psychiatric treatment in the patient's own community is recommended.

LIGHT, VEGETATION AND CHLOROPHYLL—J. Terrien, G. Truffaut and J. Carles, translated by Madge E. Thompson—Philosophical Library, 228 p., diagrams, \$6.00. Discussing the effect of light on vegetation and the production of energy.

MANUAL OF RADIATION THERAPY—K. Wilhelm Stenstrom. Collected by John B. Coleman—Charles C. Thomas, rev. ed., with additions and discussions by Paul C. Olfelt and Frances Conklin, 94 p., diagrams, \$4.50. Bringing the techniques up to date and adding a new resumé on underlying principles.

ORGANIC CHEMISTRY—H. Harry Szmant—Prentice-Hall, 803 p., diagrams, \$7.95. A guide for the beginner with emphasis on the theoretical and industrial aspects of organic chemistry.

PILOT PLANTS, MODELS, AND SCALE-UP METHODS IN CHEMICAL ENGINEERING—Robert Edgeworth Johnstone and Meredith Wooldridge Thring—McGraw-Hill, 307 p., diagrams and graphs, \$9.50. An attempt to systematize and present in a usable form such quantitative methods as are available for predicting the performance of a large-scale process plant from small-scale operation.

PROCEEDINGS OF THE SRE-OMRE FORUM—W. E. Parkins and others—*Atomics International*, 313 p., illus., paper, \$1.50. To help industrial, municipal and other groups to keep currently informed on the status of the civilian nuclear power program.

RADIO AIDS TO AIR NAVIGATION—J. H. H. Grover with a foreword by Peter G. Masefield—*Philosophical Library*, 138 p., illus., \$6.00. A comprehensive survey of civil radio air navigation systems.

ROLE RELATIONS IN THE MENTAL HEALTH PROFESSIONS—Alvin Zander, Arthur R. Cohen and Ezra Stotland with the collaboration of Bernard Hymovitch and Otto Riedl—*University of Michigan*, (Institute for Social Research), Research Center for Group Dynamics, 211 p., \$4.50. A scientific study of how psychiatrist, psychologist and social worker get along together on the job.

THEY FOUGHT FOR THE SKY: The Dramatic Story of the First War in the Air—Quentin Reynolds—*Rinehart*, 304 p., illus., \$3.95. The story of the gallant hand-to-hand fighting when battle first took to the air.

THINKING BY MACHINE: A Study of Cybernetics—Pierre de Latil, translated by Y. M. Golla, with a foreword by Isaac Asimov—*Houghton Mifflin*, 355 p., illus., \$5.50. The author indicates that just as one machine can take over the routine functions of human muscle, so another machine can take over the routine uses of the human mind. Thus the mind is left more free for creative work.

TREATMENT OF THE CHILD IN EMOTIONAL CONFLICT—Hyman S. Lippman—*McGraw-Hill*, 298 p., \$6.00. All children are subject to anxiety and irrational fears. Those seen at a clinic are those for whom parental love was not enough to ease their apprehension. This book tells what the clinic can do for the suffering child and his anxious parents.

WORLD AVIATION DIRECTORY: Listing Aviation Companies and Officials, Spring-Summer 1957—Marion E. Grambow and Harry Thayer, Eds.—*American Aviation Publications*, 993 p., paper, \$9.00 plus postage.

Science News Letter, June 15, 1957

TECHNOLOGY

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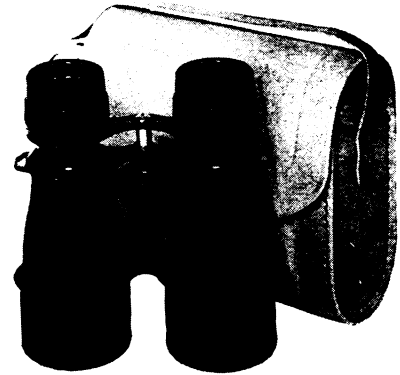
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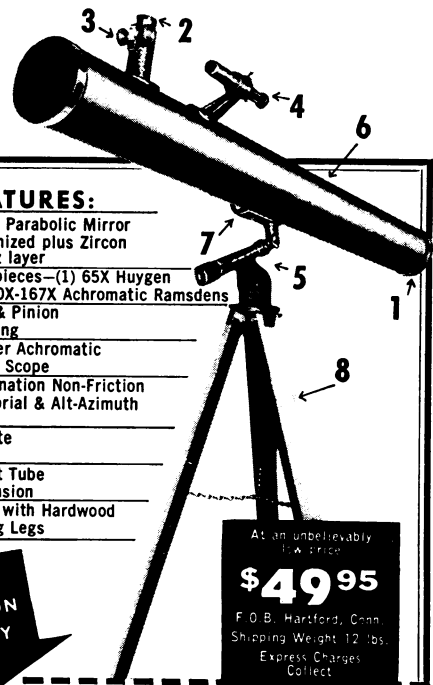
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