

# • 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 ABOMINABLE SNOWMAN**—Ralph Izzard—*Doubleday*, 250 p., illus., \$4.00. A London newspaperman reports an expedition sent out by the London Daily Mail to track down this legendary beast. The party returned without encountering the animal, but convinced it does exist.

**ADVANCES IN EXPERIMENTAL CAVES RESEARCH**—Reidar F. Sognnaes, Ed.—*American Association for the Advancement of Science*, 236 p., illus., \$6.75. Based on a symposium, this book presents information gained from research on the experimental production and prevention of tooth decay in laboratory animals.

**ANTIMETABOLITES AND CANCER**—Cornelius P. Rhoads, Ed.—*American Association for the Advancement of Science*, 312 p., illus., \$5.75. A symposium presented at the Boston meeting of the AAAS, December 28-29, 1953.

**BIRD HOUSES, BATHS AND FEEDING SHELTERS: How To Make and Where to Place Them**—Edmund J. Sawyer—*Cranbrook Institute of Science*, Bulletin No. 1, 5th ed., 36 p., illus., paper, 50 cents.

**CAPTAIN COOK AND THE SOUTH PACIFIC: The Voyage of the "Endeavour", 1768-1771**—John Gwyther—*Houghton Mifflin*, 268 p., illus., \$3.50. The author has drawn heavily from the lively and detailed journal kept by Captain Cook during this voyage.

**CATALYSIS: Vol. III, Hydrogenation and Dehydrogenation**—Paul H. Emmett, Ed.—*Reinhold*, 504 p., illus., \$12.00. Emphasizing the factual data on catalytic hydrogenation and the principle ideas as to the mechanisms involved.

**THE COMMONWEALTH AND NUCLEAR DEVELOPMENT**—Reference Division—*Central Office of Information (British Information Services)*, 52 p., paper, free upon request to distributor, 30 Rockefeller Plaza, New York 20, N. Y. Surveys briefly the story of atomic energy and the British contribution to that story as well as describing progress in other Commonwealth countries.

**DANGER MY ALLY**—F. A. Mitchell-Hedges—*Little, Brown*, 278 p., illus., \$3.75. A modern story of adventure and exploration.

## COMING!

### Beginner's Short Cut to GOOD GOLF

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**DETERMINATION OF ORGANIC STRUCTURES BY PHYSICAL METHODS**—E. A. Braude and F. C. Nachod, Eds.—*Academic*, 810 p., illus., \$15.00. Dealing with physical methods of determining structure of organic compounds, from the functional point of view.

**ELECTRONIC DATA PROCESSING IN INDUSTRY: A Case Book of Management Experience**—Don G. Mitchell and others—*American Management Association*, Special Report, No. 3, 257 p., illus., \$7.75. Describing how automatic data-processing offers unparalleled speed, accuracy, controls and saving for industry, giving specific, practical information on the adaptation of these systems to industry.

**GEOLOGY OF THE OTTER RIVER AREA, BEDFORD COUNTY, VIRGINIA**—William E. Diggs—*Virginia Polytechnic Institute*, Engineering Experiment Station Series No. 101, 23 p., illus., paper, 25 cents. Describing the various rock types in this area of southern Virginia.

**LECTURES ON FUNCTIONS OF A COMPLEX VARIABLE**—Wilfred Kaplan with the assistance of Maxwell O. Reade and Gail S. Young, Eds.—*University of Michigan Press*, 435 p., \$10.00. The objective is to promote the interaction between topology and analysis. The proceedings of a conference.

**LECTURES ON THE SCIENTIFIC BASIS OF MEDICINE, Vol. III, 1953-1954**—British Postgraduate Medical Federation—*University of London (John de Graff)*, 398 p., illus., \$6.00. Assisting medical men to appreciate advances being made in areas other than their own specialized field.

**THE LUMINESCENCE OF BIOLOGICAL SYSTEMS**—Frank H. Johnson, Ed.—*American Association for the Advancement of Science*, 452 p., illus., \$7.00. Including all aspects of bioluminescence, together with fundamental aspects of chemiluminescence and fluorescence.

**MORBIDITY FROM CANCER IN THE UNITED STATES: Part I, Variation in Incidence by Age, Sex, Race, Marital Status, and Geographic Region**—Harold F. Dorn and Sidney J. Cutler—*Govt Printing Office*, Public Health Monograph No. 29, 121 p., illus., paper, 65 cents. Analyzing the findings of a series of studies made in ten metropolitan areas.

**PICTURE BOOK OF TV TROUBLES: Vol. 4, Automatic Gain Control (AGC) Circuits**—John F. Rider Laboratories Staff—*Rider*, 84 p., illus., paper, \$1.80.

**PRINCIPLES OF NUCLEAR REACTOR ENGINEERING**—Samuel Glasstone—*Van Nostrand*, 861 p., illus., \$7.95. Sponsored by the Atomic Energy Commission to aid in the training of nuclear engineers, this test is based on experience in the Commission's laboratories and material in their files.

**PRODUCTION OF HEAVY WATER**—George M. Murphy and others, Eds.—*McGraw-Hill*, 394 p., illus., \$5.25. The research and development of large-scale production of water with the heavy hydrogen isotope known as deuterium, necessary in one of the important methods of U235 production.

**SALAMANDERS AND OTHER WONDERS: Still More Adventures of a Romantic Naturalist**—Willy Ley—*Viking*, 293 p., illus., \$3.95. Exploring some of the odd secrets of zoology and weird botanical lore, such as the "Abominable

Snowman," the mysterious creature of the Himalayas.

**SCIENTIFIC AND TECHNICAL SOCIETIES OF THE UNITED STATES AND CANADA: Part I, Scientific and Technical Societies of the United States—Library NAS—NRC, Part II, Scientific and Technical Societies of Canada**—John R. Kohr—*National Academy of Sciences-National Research Council*, 6th ed., 447 p., \$7.50. This directory includes information about purpose, officers and publications of scientific organizations.

**SIGNS OF THE HEALTH TIMES: The 1955 National Health Forum on Forecasting America's Health**—Hugh R. Leavell, president, *National Health Council*, 64 p., illus., paper, \$1.00. One session is devoted to the role of "mass communications media" in health betterment.

**SOLAR ENERGY RESEARCH**—Farrington Daniels and John A. Duffie, Eds.—*University of Wisconsin Press*, 290 p., illus., \$4.00. If a tiny fraction of the effort which has been given to atomic energy were to be invested in research on solar energy, the progress would be rewarding. This book is intended to arouse interest in this field.

**THE STORY OF MEDICINE**—Kenneth Walker—*Oxford University Press*, 343 p., illus., \$6.00. Telling the story of medicine from prehistoric times to the present era of scientific medicine.

**TRAVEL AND TRANSPORT THROUGH THE AGES**—Norman E. Lee—*Cambridge University Press*, 2 ed., 187 p., illus., \$2.50. Describing, for young readers and their elders, man's efforts through the ages to find a faster, more efficient means of transportation.

**VEHICLE OPERATION AS AFFECTED BY TRAFFIC CONTROL AND HIGHWAY TYPE**—Carl C. Saal and others—*Highway Research Board*, Bulletin 107, 62 p., illus., paper, 90 cents. Containing three papers presented at the Annual Meeting of the Highway Research Board, January 1955.

**WORDS FOR WORK: Handbook of Trade Terms for a Tutoring Program for New Americans**—S. Norman Feingold, Ed.—*Jewish Vocational Service of Greater Boston*, revised ed., 140 p., paper, \$1.00. English-German equivalent of terms used in various occupations as gathered from the Government's "Dictionary of Occupational Titles," and counselors working in voluntary commercial and government agencies. Intended to help new Americans to get good jobs.

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## TECHNOLOGY

### No-Scouring Pots and Pans

➤ SCRUBBING and scouring pots and pans may be a thing of the past. A technique has been developed that makes cooking utensils "food-sticking proof," Frank E. Hammond, president of the Selinized Process Company, Omaha, Nebr., has announced.

The process called "Selinization" prevents food from sticking to metal. Foods can be fried, baked, boiled or broiled without adhering to the treated metal.

Discoloring or corroding of pots and pans is also eliminated, Mr. Hammond reported. "Selinization" is named after a father and son research team, S. A. Seline and S. A. Seline, Jr., who are responsible for the metals treatment development.

Utensils treated with the stick-proof process will be available to the public by 1956.

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