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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.

ADVANCES IN ELECTRONICS: Volume V—L. Marton, Ed.—Academic Press, 420 p., illus., \$9.50. This volume contains a cumulative index of authors and subjects for all five volumes. It includes a review of recent work in color television and a study of junction transistor applications.

THE ATOMIC SUBMARINE AND ADMIRAL RICKover — Clay Blair, Jr.—Holt, 277 p., illus., \$3.50. This book carries the stamp of the Department of Defense "No objection to publication on grounds of military security." It is the story for the public of the development of the first atomic powered submarine as well as of the conflicts, jealousies, wire-pulling and office politics that resulted from it.

DIABETIC CARE IN PICTURES: Simplified Statements With Illustrations Prepared for the Use of the Patient—Helen Rosenthal and Joseph Rosenthal—Lippincott, 2d ed., 164 p., 128 original illustrations, \$3.00. Demonstrating clearly the details of diet, the administration of insulin, sterilization of the hypodermic syringe, and tests of blood and urine.

EARLY PHASES OF PERSONALITY DEVELOP-MENT: A Non-normative Study of Infant Behavior—Sibylle Escalona and others—Child Development Publications, 72 p., paper, \$1.00. A cross-sectional study of 128 infants ranging in age from four weeks to thirty-two weeks.

THE EFFECT OF ACTH AND CORTISONE UPON INFECTION AND RESISTANCE—Gregory Shwartzman—Columbia University Press, 204 p., illus., \$5.50. Papers, presented at a symposium, that throw light on the nature and action of these new medical weapons.

FASTER THAN THOUGHT: A Symposium on Digital Computing Machines—B. V. Bowden, Ed.—Sir Isaac Pitman (Pitman), 416 p., illus, \$8.50. A readable book on the new electronic "brains," with emphasis on what is being done in England. Included are accounts by the designers of practically every such machine built in England in 1951. Included also is an account of a computing "engine" developed by Babbage over 100 years ago.

FIBERS: Opinions and Practices Among Manufacturers of Cordage and Twine—Rita Hausknecht and Ben L. Owens, Study Directors—Govt. Printing Office, USDA Marketing Research Report No. 51, 98 p., paper, 45 cents. Sisalana, cotton and abaca account for almost three-fourths of the total poundage used in cordage products; henequen and jute account for most of the rest.

FUNDAMENTALS OF RESERVOIR ENGINEERING— John C. Calhoun, Jr.—University of Oklahoma Press, 417 p., illus., \$6.00. Republication in book form of a weekly page that appeared in the Oil and Gas Journal.

Going Ahead Toward Better Health and Longer Life—Metropolitan Life Insurance Company, 24 p., illus., paper, free upon request direct to publisher, 1 Madison Ave., New York, N. Y. Reporting the activities of the company in promoting public health, and battling accident and disease.

MEDICAL RESEARCH MAY SAVE YOUR LIFE!—Gilbert Cant—Public Affairs Committee, Public Affairs Pamphlet No. 201, 28 p., illus., paper, 25 cents. To move at full speed against persistent, disabling illness, the author estimates that we shall need to spend about \$550,000,000 a year for medical research. We now spend about one-third this amount.

PATENTS... PROGRESS... AND PROSPERITY—William R. Ballard—National Association of Manufacturers, 20 p., paper, free upon request direct to publisher, 14 West 49th St., New York 20, N.Y. Explaining the workings of our patent system.

THE PERSONNEL ADMINISTRATOR AT THE CROSSROADS: Meeting the New Challenges of Personnel Management—John Post and others—American Management Association, Personnel Series, Number 153, 54 p., paper, \$1.25.

THE PET SHOP MANUAL—Joseph B. Roberts, Jr.—All-Pets Books, 94 p., illus., \$2.50. If you love animals and have decided to open a pet shop, this book is intended to furnish you with the information you need.

THE PETROLEUM INDUSTRY IN KANSAS—Edwin D. Goebel—University of Kansas Publications, 1 map, 25 cents mailing charge.



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RIGHT-OF-WAY PROBLEMS - David R. Levin and others—Highway Research Board, Bulletin 77, 72 p., illus., paper, \$1.05. Discussion in this bulletin also includes problems of roadside control and parking.

ROGER BACON IN LIFE AND LEGEND-E. Westacott—Philosophical Library, 140 p., \$3.75. A compact story of the facts and fiction about Roger Bacon's life, including his studies of science and alchemy.

Scientific Tests, Standards—Superintendent of Documents-Govt. Printing Office, Price List 64, 36th ed., 63 p., paper, free upon request direct to publisher, Washington 25, D. C. Showing the availability of stock on this subject at the time of going to press.

SCIENTISTS' RIGHTS, DROIT DES SAVANTS-United Nations Educational, Scientific and Cultural Organization (Columbia), UNESCO Copyright Bulletin, Vol. VI, No. 2, 111 p., paper, \$1.25. Discussion of rights of scientists to their discoveries aside from copyrights and patents is summarized as developed in UNESCO and the earlier League of Nations Organizations. The report, appearing in English and French, admits that the problem is not easy to solve.

STRUCTURAL EFFECTS OF HEAVY - DUTY TRAILER ON CONCRETE PAVEMENT: A Supplemental Investigation to Road Test One Md-Earl C. Sutherland and Harry D. Cashell-Highway Research Board, Special Report 14, 32 p., illus., paper, 60 cents. The damage done

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to the pavement depends partly on the position of the loaded trailer with relation to the edge of the pavement.

THE SUN-Gerard P. Kuiper, Ed.-University of Chicago Press, 745 p., illus., \$12.50. The first of a four-volume series on the solar system.

This authoritative work is intended as a reference handbook for the astronomer, but is written to be intelligible to the layman familiar with the physical sciences. The four volumes will be written by 56 authors in 10 countries.

Science News Letter, January 16, 1954

Where Do You Want To Go?

France? Brazil? West Indies? Hawaii? Mexico?

Read what the Christian Science Monitor says about a new way to travel that sometimes costs 1/3 to 1/2 less.

Y THE travel editor of The Christian Science Monitor: Many fascinating travel booklets pass over this desk in the course of a year but the one that arrived the other day so interested this department that it cost the office several hours of work in order that we might absorb its content. The booklet is entitled "Travel Routes Around the World" and is the traveler's directory to passenger-carrying freighters and liners. In no time at all you find yourself far out to sea cruising along under the tropical skies without a care in the world. You find yourself docking at strange ports and taking land tours to those places you long have read about. Most interesting of the vast listings of ships are the freighters which carry a limited number of passengers in quarters comparable to the luxury offered in the so-called big cruise ships which devote most of their space for passengers.

The booklet first of all answers the question: What is a freighter? The modern freighter, says the booklet, ranks with the de luxe passenger vessels so far as comfort and accommodations are concerned.

LARGE ROOMS WITH BEDS

It is important to realize that in most cases today, freighter passengers are considered first-class passengers, although the rates charged are generally on a par with either cabin or tourist class fare. Most passenger-carrying freighters, to quote the booklet, have their private bath and shower, and these cabins offer beds, not bunks. The rooms are generally larger than equivalent accommodations aboard passenger ships, and the cabin of a modern freighter is sometimes even twice as large as first-class cabins on some of the older passenger ships. It goes without saying that your room is on the outside, and amidships, the most expensive of all locations, for which you are usually charged a premium over the advertised minimum fares on passenger ships.

This booklet points out that it is frequently astonishing how low freighter fares are as compared with passenger ship fares; for example, less than one-half of the passenger ship fare to California is the amount asked on freighters. On most of the longer runs, the difference in favor of the freighters is regularly from a third to half of the passenger ship fare.

SERVICE AND MEALS RATED EXCELLENT

Service and meals on a freighter leave little to be desired. You will be treated with consideration. Stewards will go out of their way to make your voyage pleasant. On ships with East Indian stewards you will be waited on almost hand and foot, in a manner that is completely unknown to Americans and most Europeans.

Foreign ships offer their own specialities, says the booklet. Thus vessels in the East Indian trade serve Rijkstafel (or King's Table), the East Indian dish which can run to as many as 50 different courses. Scandinavian ships serve Smorgasbord every day, and some of their desserts (like strawberries smothered in a huge bowl of whipped cream) are never forgotten. Another feature of freighter travel is in its informality. No formal clothes are needed. Sport clothes are enough.

Other valuable information such as how to tip, shipboard activities and costs are covered in the booklet, "Travel Routes Around the World."

Some of the trips listed include a trip to England for \$160, a 12-day Caribbean cruise for \$240, or a leisurely three-month Mediterranean voyage.

The booklet is published by Harian Publications, Greenlawn, New York, and may be obtained by sending to the publisher.

So, when it arrives all you need to do is sit down and take your choice. The booklet lists literally hundreds of ocean trips.

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