

# 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 ADOLESCENT IN YOUR FAMILY**—Marion L. Faegre—*Govt. Printing Office*, Children's Bureau Publication 347-1954, 110 p., illus., paper, 25 cents. Designed as a sourcebook for parents, to help them guide the adolescent through the interesting and sometimes troubling years of emergence from childhood to adulthood.

**THE APPLICATION OF RESULTS OF RESEARCH**—Vera Connell, Ed.—*Academic*, 212 p., \$5.00. A report, prepared at the direction of the British Commonwealth Scientific Official Conference, on successful methods for promoting the application of government-sponsored research.

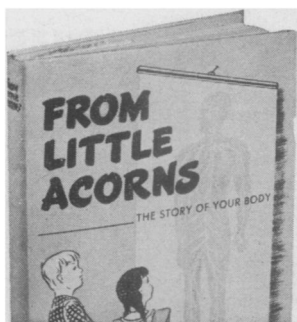
**ATOMS IN THE FAMILY: My Life With Enrico Fermi**—Laura Fermi—*University of Chicago Press*, 265 p., illus., \$4.00. An intimate picture of the Nobel physicist who had much to do with development of the atomic bomb. The author is his wife.

**CATALOGUE OF ECONOMIC AND SOCIAL PROJECTS OF THE UNITED NATIONS AND THE SPECIALIZED AGENCIES 1954**—*United Nations (Columbia University Press)*, 157 p., paper, \$1.75. Indexing and describing the work of the secretariats of the United Nations and of the specialized agencies in the economic and social fields.

**THE FIRST BOOK OF PHOTOGRAPHY**—John Hoke—*Franklin Watts*, 69 p., illus., \$1.75. Getting young people started in a fascinating hobby by showing them how to take good pictures even if they have only a box camera and a roll of film.

**THE FIRST BOOK OF WORDS: Their Family Histories**—Sam and Beryl Epstein—*Franklin Watts*, 64 p., illus., \$1.75. Tracing the history of words from ancient times to the present.

**HOW TO USE TEST PROBES**—Alfred A.



## FROM LITTLE ACORNS: The Story of Your Body

by Frances W. Butterfield  
Pictures by Dorothy M. Weiss

In **STORY FORM**, tells your child—from "toy age" to teen age—**ALL** about the human body—the eyes, ears, teeth, muscles, blood, digestive system, reproductive system. A **CHARMING** words-and-pictures story as well. It tells about these things in terms of ordinary, everyday events and objects your youngster already knows about.

"Accurate . . . factual . . . skillful . . . intelligent. . . Should be a great help to parents as well as young people. Recommended highly for home libraries."—**LIBRARY JOURNAL**.

"Readers . . . will love the charming story, interwoven with accurate, factual stories of the body."—**TODAY'S HEALTH**.

"Clever new sort of physiology for boys and girls . . . with excellent, simple diagrams of our insides. . . Most parents will welcome heartily the final chapter, 'Male and Female.'"—**NEW YORK HERALD TRIBUNE**.

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251 West 19th St., New York 11

Ghirardi and Robert G. Middleton—*Rider*, 172 p., illus., paper, \$2.90. To help practicing technicians and beginners know how to use test instrument probes correctly.

**THE HYDROGEN BOMB: The Men, The Menace, The Mechanism**—James R. Shepley and Clay Blair Jr.—*McKay*, 244 p., \$3.00. A controversial book by two magazine writers.

**LEONARDO DA VINCI: Who Followed the Sinking Star**—Elma Ehrlich Levinger—*Messner*, 192 p., illus., \$3.00. A biography of one best known as master painter, but who also excelled as sculptor, architect, scientist, engineer and inventor.

**MANY WORLDS: SEEN AND UNSEEN**—Edith Raskin—*McKay*, 226 p., illus., \$3.50. Telling of some of the unseen forces of the world, such as time and ultraviolet radiation, that play a dominant role in our existence.

**MASTER SURGEON**—Ferdinand Sauerbruch, translated by Fernand G. Renier and Anne Cliff—*Crowell*, 277 p., illus., \$3.50. The autobiography of a German surgeon.

**MINERALS YEARBOOK 1951**—Paul W. McGann and Robert E. Herman, Eds.—*Govt. Printing Office*, 1694 p., illus., \$5.25. A comprehensive reference summary of U. S. mineral activity in 1951, a record year.

**NANGA PARBAT**—Karl M. Herrligkoffer, translated by Eleanor Brockett and Anton Ehrenzweig, foreword by Sir John Hunt—*Knopf*, 263 p., illus., \$5.00. Although not as high as other summits, Nanga Parbat, according to the foreword, presents one of the most formidable mountaineering problems in the Himalaya. This is the account of the Austro-German conquest of this peak.

**OBTAINING AND INTERPRETING TEST SCOPE TRACES**—John F. Rider—*Rider*, 186 p., illus., paper, \$2.40. The word "scope" is the popular name for the cathode-ray oscilloscope which is one of the important devices used for electronic maintenance and research.

**PICTURE BOOK OF TV TROUBLES, Vol. 1, Horizontal AFC-Oscillator Circuits**—John F. Rider Laboratories Staff—*Rider*, 70 p., illus., paper, \$1.35. This is the first in a series of volumes which report the results of troubleshooting a large number of TV receivers.

**THE PROPERTIES OF TIN**—Compiled by E. S. Hedges and C. E. Homer, Edited by C. J. Faulkner—*Tin Research Institute*, 4th ed., 55 p., paper, 50 cents. This booklet has been completely revised since its last edition.

**PUFFINS**—R. M. Lockley—*Devin-Adair*, 186 p., illus., \$4.00. Although the puffin is one of the most common sea birds of the North Atlantic, little had been known of its breeding habits until the author made this study.

**THE SACRED FOREST: Magic and Secret Rites in French Guinea**—Pierre-Dominique Gaisseau, translated by Stephen Becker—*Knopf*, 247 p., illus., \$4.00. A record of the expedition of four photographers who penetrated deep into French Guinea in order to study the strange rites of the Toma tribe.

**SCIENCE THE SUPER SLEUTH**—Lynn Poole—*Whittlesey House*, 192 p., illus., \$2.75. Explaining for young people the way in which scientific methods are used in the solving of many crimes.

**SEVENTH CONTINENT: Saga of Australasian**

## Questions

**MARINE BIOLOGY**—Why are fish farms considered a likelihood for the future? p. 266.

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**MEDICINE**—What drug may cure amebic dysentery? p. 259.

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**NUTRITION**—What nation is now providing its people with enriched flour? p. 260.

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**ORNITHOLOGY**—Where have virgin hens laid parthenogenetic eggs? p. 261.

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**PUBLIC HEALTH**—How do the habitually sick differ from well persons? p. 263.

What hazard as bad as plague exists in ordinary homes? p. 262.

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Photographs: Cover, Les T. Ordeman; p. 259, Army Chemical Corps; p. 261, left, USDA, right, Fremont Davis; p. 263, U. S. Army; p. 266, FOA; p. 271, University of Rhode Island; p. 272, Strobo Research.

Exploration in Antarctica 1895-1950—Arthur Scholes—*British Book Centre*, 226 p., illus., \$4.50. A record of the contributions of Australian scientists and explorers to our knowledge of the Antarctic.

**THE SLIDE RULE: Principles and Applications**—Joseph Norman Arnold—*Prentice-Hall*, 206 p., illus., \$4.50. Discussing the traditional principles and also features of recently developed slide rules with the emphasis on mechanical principle and mathematical theory.

**A SYNOPSIS OF THE CRICETINE RODENT GENUS NELSONIA**—Emmet T. Hooper—*University of Michigan Press*, Occasional Papers of the Museum of Zoology, No. 558, 12 p., illus., paper, 20 cents. Reviewing the systematics and morphology of the species, *N. neotomodon*.

**TEACHERS' MANUAL FOR SCIENCE FOR A BETTER WORLD**—Morris Meister, Ralph Keirstead, Lois M. Shoemaker—*Scribner's*, 2nd ed., 152 p., illus., paper, 96 cents. To accompany the "Wonder-World of Science," of course.

**WILL AND CHARLIE MAYO: Doctor's Boys**—Marie Hammontrée—*Bobbs-Merrill*, 192 p., illus., \$1.75. Telling for children the early life of the Mayo brothers, who grew up to found the famous Mayo clinic.

Science News Letter, October 23, 1954

Americans use imported Tibetan yak tails as Santa Claus beards.

### FOR THE PROSPECTOR, FOR THE SCHOOL, FOR THE LABORATORY, FOR THE ASSAYER, FOR THE EXPERIMENTER

#### AN ALPHA COUNTER \$7.50 Prepaid

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