

Books of the Week

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BIOLOGICAL INVESTIGATIONS IN MEXICO: Smithsonian Misc. Collections Vol. 115—Edward A. Goldman—*Smithsonian Institution*, 476 p., illus., paper, \$4.50. Report of the Nelson and Goldman expeditions to Mexico, 1892-1906, in which 17,400 mammals and 12,400 birds were obtained.

BRITISH AND AMERICAN ENGLISH SINCE 1900—Eric Partridge and John W. Clark—*Philosophical Library*, 342 p., \$4.75. A British and American author team up to produce an "informal" (neither journalistic nor arbitrary) history of English as spoken in Great Britain, the United States, and the British Dominions.

CHAMBER'S DICTIONARY OF SCIENTISTS—A. V. Howard—*Dutton*, 250 p., illus., \$4.00. Concise biographies of the people who have shaped the course of science with a convenient topical index.

CONTROL OF INSECTS IN STORED AND MANUFACTURED TOBACCO: U. S. Dept. of Agriculture Circular No. 869—Joseph N. Tenhet and C. O. Bare—*Govt. Printing Office*, 32 p., illus., paper, 15 cents. The cigarette beetle, the tobacco moth and other pests are discussed.

CRUZ DAS ALMAS, A BRAZILIAN VILLAGE: Smithsonian's Institute of Social Anthropology Publication Number 12—Donald Pierson—*Govt. Printing Office*, 240 p., illus., paper, \$1.50. A study of the lives of rural people living not too far from Sao Paulo, Brazil.

DOWN TO EARTH: Mapping for Everybody—David Greenhood—*Holiday House*, Revised ed., 262 p., illus., \$5.00. A book for the amateur on getting the most out of maps; how to make your own and how to form a collection.

EVERYDAY WEATHER AND HOW IT WORKS—Herman Schneider—*McGraw-Hill*, 189 p., illus., \$2.75. Mom and Dad will not be plagued with questions about the weather which they cannot answer if Junior has this beautifully illustrated book.

INTRODUCTION TO GEOGRAPHY—Henry M. Kendall, Robert M. Glendinning and Clifford H. McFadden—*Harcourt, Brace and Co.*, 752 p., illus., \$6.25. Designed to make fundamental concepts regarding man's homeplace interesting and profitable.

MARRIAGE AND THE JEWISH TRADITION: Toward a Modern Philosophy of Family Living—Stanley R. Brav, Ed.—*Philosophical Library*, 218 p., \$3.75. Essays drawn from Jewish literature designed to aid in the solution of contemporary problems.

MOTORIST'S FIX-IT-BOOK—*Popular Mechanics*, 144 p., illus., \$2.00. Discusses important automobile servicing and upkeep problems together with many useful hints on auto care.

PRACTICAL ELECTRICITY AND MAGNETISM—Maurice Rubin—*Chemical Publishing Co.*, 356 p., illus., \$7.50. An elementary book for layman and student.

PSYCHOLOGICAL ANALYSIS OF ECONOMIC BEHAVIOR—George Katona—*McGraw-Hill*, 347 p., illus., \$5.00. Explaining the psychological

factors behind business cycles, inflation, spending, saving and other economic events.

RADIO AND TELEVISION SOUND EFFECTS—Robert B. Turnbull—*Rinehart*, 325 p., illus., \$4.50. How those creaking doors, galloping hooves, and splashing water are produced.

RADIOACTIVITY APPLIED TO CHEMISTRY—Arthur C. Wahl, Editor—*Wiley*, 604 p., illus., \$7.50. Telling how to trace the fate of an atom in a chemical reaction through radioactivity.

THE SKIN PROBLEM FACING YOUNG MEN AND WOMEN—Herbert Lawrence—*Timely Publications*, 70 p., paper, \$1.50. About an important teen-age problem—pimples.

SOLVENT EXTRACTION OF COTTONSEED OIL WITH ISOPROPANOL—W. D. Harris and J. W. Hayward—*Texas Engineering Experiment Station*, 72 p., illus., paper, free upon request to publisher, Texas A. & M. College, College Station, Texas.

SOME ORNAMENTAL SHRUBS FOR THE TROPICS—Edward P. Hume—*Govt. Printing Office*, 151 p., illus., paper, 50 cents. Shrubs tested at the Federal Experiment Station in Puerto Rico and those seen in Puerto Rican gardens are included in this booklet.

TRACE ELEMENTS IN PLANT PHYSIOLOGY—T. Wallace—*Chronica Botanica*, 160 p., illus., paper, \$4.50. A Symposium organized by the International Union of Biological Sciences at the Rothamsted Experimental Station.

THE WRIGHT BROTHERS—Fred C. Kelly—*Farrar, Straus and Young*, Revised ed., 340 p., illus., \$5.00. An authorized biography of the Wright brothers brought up to date with the story of the return of the 1903 Kitty Hawk plane to the United States.

Science News Letter, August 18, 1951

INVENTION

Bacon Rinds and Pork Skin Made into Digestible Food

➤ **BACON RINDS** and pork skin are made into a crisp, readily digestible and tasty food by a process which brought patent 2,562,850 to James C. Winslow of Los Angeles. Rights are assigned to George A. Darrow of Glendale, Calif. An advantage of this process over earlier ones is that scraps of rinds and skin can be used as well as large pieces.

The process consists in cooking the rinds and skins under high pressure in a pressure cooker and at a temperature approximately 275 degrees Fahrenheit. This reduces them to gelatinous conditions, with fats and greases cooked out. The gelatinized material is rolled into a very thin sheet, cut into small rectangular pieces, and fried in vegetable oil to form "chips" for packaging and eating.

Science News Letter, August 18, 1951

On This Week's Cover

➤ **THE GIANT** prism shown on the front cover of this week's SCIENCE NEWS LETTER, largest single prism in the world, is destined to cover the 33-inch eye of the ADH Baker-Schmidt telescope at the Harvard College Observatory's Boyden Station at Bloemfontein, South Africa. The telescope is jointly operated by the Armagh Observatory of North Ireland, Dunsink Observatory of Eire and Harvard. It was built last year for Harvard's "Hub of the Universe" expedition.

The new prism will yield spectral photographs of all the stars in the field of the telescope at the time of exposure, revealing data of their composition.

PLANT PATHOLOGY

Virus Attacks Sugar Beets in Britain

➤ **AN AS YET** unidentified, but possibly dangerous virus that attacks sugar beets has been discovered to be quite widespread in England and Scotland.

Dr. Kenneth M. Smith of Molteno Institute's Agricultural Research Council, in Cambridge, is investigating the new virus he found present in a high percentage of ordinary seed beets in the British Isles. It is probably spread by insects, he states. (NATURE, June 30). Although the new virus has not yet harmed the sugar beet crop, growers should be alerted to its possible menace.

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SURGERY

Stomach Rupture Rare In Newborn Babies

➤ **TWO CASES** of the rare condition of rupture of the stomach of a newborn baby were treated at Trull Hospital, Biddeford, Me., within less than three months.

One baby was saved by surgery, the other died. Only 20 other cases of this condition could be found in medical literature. The two in Biddeford are reported to the JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION by Drs. Maurice Ross, Paul Stanley Hill, Jr., and Carl M. Haas of Saco, Me.

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● RADIO

Saturday, Aug. 25, 1951, 3:15-3:30 p. m. EDT

"Adventures in Science," with Watson Davis, director of Science Service, over Columbia Broadcasting System.

Miss Jane Stafford, medical staff writer of Science Service, will discuss with Mr. Davis the "Battle Against Polio."