

# Books of the Week

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**BLUE WATER NAVIGATION**—Svend T. Simonsen—*Cornell Maritime*, 198 p., illus., \$3.50. Originally prepared to teach those engaged in amphibious operations during the war, this text can also be used for home study; no other books are required as necessary pages from Nautical Almanac are included.

**BUILDING SKIN BEAUTY**—Mary MacFadyen—*Emerson*, 30 p., illus., paper, 25 cents. An easy-to-follow guide to skin care.

**CHILD CARE AND TRAINING**—Marion L. Faegre and John E. Anderson—*Univ. of Minn.*, 7th ed. rev., 310 p., illus., \$3.25. Continuing to serve as parents' guide, discussion group handbook, and college text, this useful book is up-to-date.

**CHIPS FROM THE BLASTED MOON**—H. H. Nininger—*Desert Press*, 34 p., illus., paper, 25 cents. Hypotheses on the lunar origin of tektites are outlined. Tektites are glass-like stones of rounded shape bearing no relation to the geological strata in which they are found.

**CITIES OF AMERICA**—George Session Perry—*McGraw-Hill*, 287 p., illus., \$3.50. The history of our country is well defined in the character and traditions of her cities; 22 are analyzed here, representing every section of the U.S.

**CLIMATE AND THE ENERGY OF NATIONS**—S. F. Markham—*Oxford Univ. Press*, 2nd ed. rev., 240 p., \$4.50. An interesting analysis of the effects of temperature on history and postulations as to the future use of air conditioning to stimulate activity.

**COAL CHEMICAL INDUSTRY: Trends and Problems**—P. J. Wilson, Jr. and J. H. Wells—*Mellon Inst.*, 5 p., illus., paper, free. The technical and engineering problems and the progress made by this industry are presented.

**ECONOMIC RESEARCH AND THE DEVELOPMENT OF ECONOMIC SCIENCE AND PUBLIC POLICY**, *Nat. Bur. of Economic Research*, 198 p., \$1. Twelve papers presented at the twenty-fifth anniversary meeting discuss problems toward which research should be directed.

**ELECTRONICS: What Everyone Should Know**—Calvin and Charlotte Mooers—*Bobbs-Merrill*, 231 p., illus., \$2.75. How electrons are put to work for home and industry and what they may be expected to do in the future is capably explained in this non-technical book for "everyone".

**EXPLAINING THE ATOM**—Selig Hecht—*Viking*, 205 p., \$2.75. Written by one who did not work on the atom bomb, with information from public sources, this book's purpose is to supply a background for thought and action in connection with the legislation on questions of atomic energy.

**FISHES OF THE PACIFIC COAST OF CANADA**—W. A. Clemens and G. V. Wilby—*Fisheries Research Board of Canada*, Bulletin No. LXVIII, 368 p., illus., paper \$1.68, cloth \$2.18. About the marine fishes of this region; a point-of-departure for further detailed study of distribution and life histories.

**MODERN WOMAN: THE LOST SEX**—Ferdinand Lundberg and Marynia F. Farnham—*Harper*, 497 p., \$3.50. A readable descrip-

tion of the causes and cures of unhappiness and neurosis, especially in women, together with a discussion of the social implications. It is based on experience with women patients in a psychiatrist's consulting room.

**MOLD AND MILDEW CONTROL**—S. S. Block—*Florida Engineering and Industrial Experiment Station*, 50 p., illus., paper, free. An attempt to correlate information now available from Army investigations has resulted in this booklet useful to all who live in warm moist climates.

**ON UNDERSTANDING SCIENCE; AN HISTORICAL APPROACH**—James B. Conant—*Yale Univ. Press*, 145 p., \$2. Some of the great minds of the past, their concepts of science, analyses and solutions of problems are introduced to the reader by the president of Harvard University under the auspices of the Terry Foundation.

**PROCEEDINGS OF THE AMERICAN PHILOSOPHICAL SOCIETY**—Luther P. Eisenhart, ed.—*Publ. by the Society*, Vol. 91, No. 2, 91 p., paper, \$1. Eight papers include a discussion of atomic physics and international cooperation, an electronic reading aid for the blind, race relations, medicine in the USSR and photographic meteor studies.

**PROCEEDINGS OF THE INDIANA ACADEMY OF SCIENCE**, Vol. 55, *State Library*, 217 p., \$3. Papers include anthropology, bacteriology, botany, chemistry, geology and geography, history, mathematics, physics, psychology, and zoology; many are abstracts only.

**THE RARE-EARTH ELEMENTS AND THEIR COMPOUNDS**—D. M. Yost, H. Russell, Jr., and C. S. Garner—*Wiley*, 92 p., \$2.50. A timely discussion of these elements, now increasingly important with present concepts of atomic structure.

**THE STORY OF THE UKRAINE**—Clarence A. Manning—*Philosophical Lib.*, 326 p., \$3.75. The history of a thousand years of struggles of a people to maintain their language and traditions.

**THE STRUGGLE FOR ATOMIC CONTROL**—William T. R. Fox—*Public Affairs Committee*, 32 p., paper, 20 cents. A discussion of today's important and absorbing world problem.

**THE SUN'S SHORT REGULAR VARIATION AND ITS LARGE EFFECT ON TERRESTRIAL TEMPERATURES**—C. G. Abbot—*Smithsonian Institution*, Misc. Col. Vol. 107 No. 4, Pub. No. 3893, 33 p., paper, 30 cents. This regular average periodicity, which appears to be a new discovery, is not to be confused with temporary weather periods.

**THE TALKING WIRE; The Story of Alexander Graham Bell**—O. J. Stevenson—*Messenger*, 207 p., illus., \$2.50. A revealing biography for teenagers of the man who made the first telephone.

**TROPICAL AND SUBTROPICAL FRUITS**—B. E. Dahlgren—*Chicago Natural History Museum*, 72 p., illus., paper, 50 cents. In this interesting booklet, the fruits are discussed in groupings of those of Old World and those of New World origin.

**WORLD WEATHER RECORDS, 1931-1940**—H. Helm and Frances L. Clayton—*Smith-*

*sonian Institution*, Misc. Col. Vol. 105, Pub. No. 3803, 646 p., paper, \$3.50. This comprehensive volume was prepared in cooperation with the various official weather services and observatories of the world.

**YOU ARE BORN TO VICTORY**—John Glosinger—*Duell*, 115 p., \$2. Mottoes for living by the author.

**YOUR CALIFORNIA GARDEN AND MINE**—Sydney B. Mitchell—*Barrows*, 261 p., illus., \$3. Practical views of the writer on ornamental planting are especially valuable to those gardening in California.

*Science News Letter*, April 26, 1947

## CHEMISTRY

### Metallic Sodium Makes Lead Sheathing Last Longer

► **LEAD SHEATHING** on electric cables and similar exposed installations can be made to last much longer by alloying it with metallic sodium, reported Drs. B. B. Reinitz and N. A. Zamborsky of the Okonite-Callender Cable Company to the American Chemical Society meeting in Atlantic City, N. J. They told of cables so protected that have been in use for 10 years with no sign of age hardening, corrosion or other abnormal condition.

*Science News Letter*, April 26, 1947

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