

# Books of the Week

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. Ask for free publication direct from issuing organization.

THE ADOLESCENT — Marynia F. Farnham — Harper, 243 p., \$3.00. Giving parents a great deal of information about their teen-age boys and girls and their development, physical, mental and emotional, that should help in the solution of their problems.

THE BOOK OF GAMES—G. S. Ripley—*Association Press*, 236 p., illus., \$3.00. Directions for games, puzzles, exhibits and other material useful to scout leaders and educators.

BRIEF TRIGONOMETRY—Edward A. Cameron—Holt, Rev. ed., 153 p., \$2.10. The attempt of the author is to present the essentials of the subject in a concise, readable manner so that the student can learn in a minimum time.

CONCENTRATION OF A HYPERGLYCEMIC FACTOR FROM URINE OF SCHIZOPHRENICS—Marcus S. Morgan and Francis J. Pilgrim—*Mellon Institute*, 6 p., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. The tests indicate the factor to be a protein or a material bound thereto. It is not present in normal male urine.

THE CONCEPTUAL FRAMEWORK OF PSYCHOLOGY—Egon Brunswik—*University of Chicago Press*, International Encyclopedia of Unified Science, Volume I, Number 10, 102 p., paper, \$2.00. Summarizing the thinking behind modern psychology.

CROCODILE-HUNTING IN CENTRAL AMERICA—Karl P. Schmidt—*Chicago Natural History*

*Museum*, 23 p., illus., paper, 25 cents. A vivid description of the author's experiences harpooning crocodiles in a lake full of them, a lake with rainbow-striped water.

ELECTROLYTIC MANGANESE AND ITS ALLOYS—Reginald S. Dean—*Ronald*, 257 p., illus., \$12.00. The author directed the research which developed a practical method for producing electrolytic manganese from domestic ores. This book outlines the progress made in the art since that time.

FAMOUS NATURALISTS—Lorus J. and Margery J. Milne—*Dodd, Mead*, 178 p., illus., \$2.50. Biographical sketches of great men, prefaced by their portraits, intended to introduce children to the individuals who have contributed most to our knowledge of plants and animals.

A FOCUSING CELL REFRACTOMETER—L. E. Ashman, W. S. Schwartz and H. E. Jones—*Mellon Institute*, 3 p., illus., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. A method for continuously recording the refractive index of transparent liquids.

THE FOUR AGES OF TSURAI: A Documentary History of the Indian Village on Trinidad Bay—Robert F. Heizer and John E. Mills—*University of California Press*, 207 p., illus., \$3.75. The authors urge the preservation of this important archaeological site which has seen the coming of the ships of the Spanish crown, the English crown and the sea-otter fur traders.

GARDENS AND GARDENING, VOL. 3: HARDY PLANTS—F. A. Mercer and Roy Hay, Eds.—*Studio*, 142 p., illus., \$5.00. This volume gives you an idea of how English gardens can retain their fine charm in a time of austerity through hardy plants that are not costly.

HANDBOOK OF CARDIOLOGY FOR NURSES: The Disease, the Patient, Modern Concepts of Treatment—Walter Modell—*Springer*, 246 p., \$3.50. A book especially for nurses who have the care of patients with this ever-increasing disease.

HANDBOOK OF TURTLES: The Turtles of the United States, Canada, and Baja California—Archie Carr—*Cornell University Press*, 542 p., illus., \$7.50. Includes 79 species and subspecies of turtles. A wealth of information is provided for those interested in these creatures.

THE HELEIDAE OF CALIFORNIA — Willis W. Wirth—*University of California Press*, 266 p., illus., paper, \$2.00. These insects have been long neglected in spite of the annoyance they cause. They include among other familiar pests, sand-flies, punkies, no-see-ums and gnats.

HOW TO GROW RARE GREENHOUSE PLANTS: 260 Flowering Varieties for Amateur and Florist—Ernest Chabot—*Barrows*, 182 p., illus., \$4.00. All plants described are flowering and self-perpetuating. All can be successfully grown in pots, and many will do well for years without shifting or transplanting.

INDUSTRIAL HYGIENE FOUNDATION ANNUAL STAFF REPORT—C. Richard Walmer—*Mellon Institute*, 4 p., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa.

THE INTEGRATION OF BEHAVIOR, VOLUME I: BASIC POSTULATES—Thomas M. French—*University of Chicago Press*, 272 p., \$5.00. Before behavior can be predicted, the author says, we must learn the interrelations between motives and how many motives may interact to determine what a person will do.

IT'S FUN TO KNOW WHY: Experiments With Things Around Us — Julius Schwartz — *McGraw-Hill*, 125 p., illus., \$2.25. Interesting experiments that children can work to find out lots of curious things about the everyday world around them.

LAND FOR TOMORROW: The Underdeveloped World—L. Dudley Stamp—*Indiana University Press and American Geographical Society*, 230 p., \$4.00. In our enthusiasm to help the peoples of the "underdeveloped lands", the author points out, we may do irreparable harm if we take to alien environments preconceived knowledge or ready-made solutions based upon experience elsewhere. By an expert in land use.

OUR GARDEN SOILS—Charles E. Kellogg—*Macmillan*, 232 p., \$4.00. A book for the home gardener telling how to make the most of your soil especially if it happens to be poor—too clayey, too sandy, too wet or too dry.

THE PREPARATION AND PROPERTIES OF (HYDROXYORGANO)-SILANES AND RELATED COMPOUNDS—John L. Speier—*Mellon Institute*, 8 p., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 12, Pa. Contribution from the multiple fellowship on technical glassware at Mellon Institute.

SECONDARY SCIENCE EDUCATION — Harrington Wells—*McGraw-Hill*, 367 p., illus., \$4.50. To provide teachers and student teachers with an orientation with regard to activities and objectives both in and beyond the secondary school laboratory.

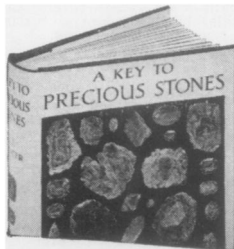
SIMPLIFIED RADIO SERVICING BY COMPARISON METHOD—M. N. Beitman—*Supreme Publications*, rev. ed., 92 p., illus., paper, \$1.50. Introducing a simplified technique of radio repair.

A STUDY OF THE POLYETHYLENE GLYCOLS AS VEHICLES FOR INTRAMUSCULAR AND SUBCUTANEOUS INJECTION—Charles P. Carpenter and C. Boyd Shaffer—*Mellon Institute*, 3 p., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. The findings reported here justify, in the opinion of the authors, the clinical trial of these vehicles.

UNDER THE SEA-WIND: A Naturalist's Picture of Ocean Life—Rachel L. Carson—*Oxford University Press*, 314 p., illus., \$3.50. A new and corrected edition of an early work by the author of "The Sea Around Us" which likewise shares with the reader the poetry of bird and fish life along the shore.

THE WHITE LADY—Leonard Dubkin—*Putnam's*, 165 p., illus., \$3.00. The life and habits of bats told as the biography of one particular albino with which the author made friends where it nested in a Chicago open lot.

Science News Letter, April 12, 1952



## A Key to Precious Stones

By L. J. SPENCER

Formerly Keeper of Minerals, British Museum

"The author has set a high standard for popular works on scientific subjects. By avoiding technical treatment and using simple language he introduces the reader to the fundamentals of the subject. Well-worn facts are given new lustre and recent discoveries are presented in a manner that is intelligible to the layman. Within the compass of a small, inexpensive book, provided with a good index, is collected considerable information formerly scattered through a voluminous literature, including much that is new to the advanced student."—*Mineralogical Magazine*

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