

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.

BASIC ASTRONOMY—Peter van de Kamp—*Random House*, 400 p., illus., \$3.75. A description of the solar system and discussion of the mechanics of the motions of stars and planets and their physical-chemical properties.

BIBLIOGRAPHY OF AFRICAN ANTHROPOLOGY 1937-1949: Supplement To Source Book of African Anthropology 1937—Wilfrid D. Hambly—*Chicago Natural History Museum*, 292 p., paper, \$1.50. Classified by author, subject and political region and including a list of 260 periodicals containing articles on African anthropology.

CRUELTY TO CHILDREN—Eustace Chesser—*Philosophical Library*, 159 p., \$3.75. Actual cases from the files of the British National Society for the Prevention of Cruelty to Children with recommendations of what society can do to remedy the situation.

DEAD CITIES AND FORGOTTEN TRIBES—Gordon Cooper—*Philosophical Library*, 160 p., illus., \$4.75. A world traveller uses archaeological discoveries, myths and folk tales to reconstruct the picture of ruined ancient cities and the peoples of long ago.

FLOWERS OF THE SOUTHWEST MOUNTAINS—Leslie P. Arnberger—*Southwestern Monuments Association*, 112 p., illus., paper, \$1.00. An introduction and aid to identification of common wild flowers arranged according to color.

GEOMETRY AND THE IMAGINATION—D. Hilbert and S. Cohn-Vossen—*Chelsea*, 357 p., illus., \$5.00. A translation of *Anschauliche Geometrie*. A presentation of geometry in its visual, intuitive aspects intended to bring about greater enjoyment of mathematics.

HEREDITY, RACE AND SOCIETY—L. C. Dunn and Th. Dobzhansky—*New American Library*, Rev. ed., 143 p., paper, 35 cents. New material includes discussion of the controversial "Lysenko theory". An index has been added.

HIGH SCHOOL BIOLOGY—Charlotte L. Grant, H. Keith Cady and Nathan A. Neal—*McGraw-Hill*, 2d ed., 813 p., illus., \$3.88. Basic prin-

ciples of plant and animal biology are here related to the high school student's own experiences. Excellent photographs add to clarity and interest.

ILLNESS AND HEALTH SERVICES IN AN AGING POPULATION—G. St. J. Perrott, Antonio Ciocco, George Baehr, Leonard S. Rosenfeld and others—*Govt. Printing Office*, PHS Publication No. 170, 68 p., paper, 25 cents. Our population is growing older and long-term, debilitating illnesses become increasingly prevalent with advancing years.

INTRODUCTION TO THE SCIENCE OF CHEMISTRY—Karol J. Mysels and Charles S. Copeland—*Ginn*, 521 p., illus., \$4.75. A first-year college text. The descriptive material is arranged by type of phenomenon rather than by element.

KING SOLOMON'S RING: New Light on Animal Ways—Konrad Z. Lorenz—*Crowell*, 202 p., illus., \$4.00. Whether you are a serious naturalist or just enjoy drawing birds to your backyard with lures of food and water, you will enjoy these charming stories and the delightful drawings with which the author has illustrated them.

LABORATORY MANUAL TO ACCOMPANY INTRODUCTION TO THE SCIENCE OF CHEMISTRY—Karol J. Mysels and Charles S. Copeland—*Ginn*, 31 experiments, illus., paper, \$1.75. On detachable pages punched to go into a notebook. Record sheets also included.

THE NATURE AND PROPERTIES OF SOILS: A College Text of Edaphology—T. Lyttleton Lyon, Harry O. Buckman and Nyle C. Brady—*Macmillan*, 5th ed., 591 p., illus., \$5.75. Drastically revised to incorporate the flood of new advances. A text for college sophomores and juniors.

THE NEW MAN IN SOVIET PSYCHOLOGY—Raymond A. Bauer—*Harvard University Press*, 229 p., \$4.00. The field director of Harvard's

Refugee Interview Project in Europe here shows how the Russian view of human personality has changed since the revolution and tells how the official party line defines what research should be done in psychology.

THE OXIDATION STATES OF THE ELEMENTS AND THEIR POTENTIALS IN AQUEOUS SOLUTIONS—Wendell M. Latimer—*Prentice-Hall*, 2d ed., 392 p., \$10.00. Study questions are included in the Appendix so that the book can be used as a text for advanced inorganic chemistry.

THE PEOPLE ELECT A PRESIDENT—Angus Campbell and Robert L. Kahn—*Survey Research Center, University of Michigan*, 73 p., paper, \$1.50. Report of a study carried out in connection with the election of 1948.

PSYCHIATRY AND MEDICAL EDUCATION—John C. Whitehorn, Chairman—*American Psychiatric Association*, 164 p., \$1.00. Reporting the 1951 Conference on Psychiatric Education, including the recommendations for broadening the biological concepts of medical students so that they can see patients as whole persons.

SYMMETRY—Hermann Weyl—*Princeton University Press*, 168 p., illus., \$3.75. Displaying the great variety of applications of symmetry in art and in nature and explaining the philosophical-mathematical meaning of symmetry. For the general reader who is not allergic to some mathematics.

THE THEORY OF RELATIVITY—C. Moller—*Oxford University Press*, 386 p., \$7.00. An account of the classical theory of relativity in which all quantum effects are disregarded. A text for advanced physics students, by the professor of mathematical physics at the University of Copenhagen.

THEORY OF SUPERCONDUCTIVITY—M. von Laue, translated by Lothar Meyer and William Band—*Academic Press*, 140 p., illus., \$4.00. A book for physicists originating in the Kaiser-Wilhelm Institut of Berlin.

THE WORLD VIEW OF PHYSICS—C. F. v. Weizsacker—*University of Chicago Press*, 219 p., \$3.75. A philosophical work written by the German scientist over a period of years as the ideas of the author and his colleagues developed.

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ERRATA, Vol. 61, Nos. 1-26, January-June, 1952

| PAGE | TITLE BEGINS | CORRECTION |
|---------|---------------------------|--|
| 84 | Most Powerful X-ray | Used on animals only at present. |
| 66 & 69 | Cover Picture | The butterfly is a Variegated Fritillary, not a Painted Lady. See SNL 2/16/52, p. 102. |
| 122 | Springtime Constellations | Col. 2, par. 5, line 9, 227,070 for 277,070. |
| 131 | Air Used | Par. 6, line 7, alloys for metals. |
| 134 | Picture Drawings | Par. 5, line 1, after tried, delete first. |
| 147 | Morphine Synthesized | Par. 1, line 6, read Swiss scientist, Dr. Gilg Tschudi, assisted; par. 4, line 2, Dr. Tschudi for Miss Pschudi. |
| 185 | Instrument Holds | Par. 2, line 3, Johansen for Johnansen. |
| 213 | Alcohol from | Par. 1, line 2, for price read raw material cost. Par. 2, line 5, after concentration for insert conversion into. |
| 284 | Nickel-Plated | Par. 2, lines 3-4, Belleville, N. J., for East Hartford, Conn. |
| 294 | Metals Melted | Par. 3, line 4, coaxial for conical. |
| 298 | Unusual Metals | Col 3, Par. 5, line 3, for "it" read "a boundary between germanium and a metal;" line 4, for "it" read "a germanium device." |
| 336 | Do You Know? | Par. 3, read There are snakes in Madagascar but no poisonous ones. |

COFFEE-CAPTAN (α-furfuryl mercaptan)
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