

Books of the Week

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THE BERING LAND BRIDGE—David M. Hopkins, Ed.—Stanford Univ. Press, 1967, 495 p., illus., maps, \$18.50. A thorough study, brings together the data of geology, oceanography, paleontology, plant geography and anthropology to focus on the problems and the lessons of the Bering Strait area.

THE BOOK OF REPTILES AND AMPHIBIANS—Michael H. Bevens—Doubleday, 1967, 86 p., 100 illus. by author, \$4.50. For the young herpetologist.

BRITISH BIVALVE SEASHELLS: A Handbook for Identification—Norman Tebble—British Museum (Brit. Information Service, N.Y.), 1966, 212 p., color plates, drawings, \$4. Provides descriptions and illustrations of the shells of bivalve mollusks living in the seas around the British Isles.

CALCIUM IN REPRODUCTIVE PHYSIOLOGY: A Comparative Study of Vertebrates—K. Simkiss—Chapman & Hall (Reinhold), 264 p., plates, diagrams, \$11. Treats the general phenomenon of calcium metabolism involved in the reproduction of vertebrates by considering the problems in different groups of animals.

THE COLUMBIA RIVER TREATY: The Economics of an International River Basin Development—John V. Krutilla—Johns Hopkins Press, 1967, 211 p., maps, \$7.50. Reviews the process by which the Treaty came into being and analyzes the economic implications of the terms.

EDUCATION DIRECTORY 1966-1967, Part 2: Public School Systems—Office of Education—GPO, 183 p., paper, \$1.50. Lists more than 12,000 local school systems enrolling 300 or more pupils.

ELEMENTARY SCIENCE TEACHING ACTIVITIES: A Discovery Laboratory Approach—Robert B. Sund and others—Merrill Bks., 1967, 191 p., illus., \$5.95; paper, \$3.95. Addressed to the elementary teacher, the manual discusses the teaching of scientific method, the laboratory approach to science and suggests how the teacher can gain competence in science concepts.

GENERAL PALEONTOLOGY—A. Brouwer, transl. from Dutch by R. H. Kaye—Univ. of Chicago Press, 1967, 216 p., illus., maps, \$7.50. Intended primarily for undergraduate students, this introduction to paleontology deals with the horizontal and with the vertical distribution of fossils, and with some aspects of the evolution of life.

HOW TO PREVENT SUICIDE—Edwin S. Shneidman and Philip Mandelkorn—Public Affairs Committee, 28 p., illus., paper, 25¢ direct to publisher, 381 Park Ave. S., New York 10016. Summary of current informed thinking about suicide prevention.

INVESTIGATIONS INTO GENERATION, 1651-1828—Elizabeth B. Gasking—Johns Hopkins Press, 1967, 192 p., \$6. On the history and scientific investigations into sexual generation between 1651, when William Harvey published his *De Generatione*, to 1828, when Von Baer announced his discovery of the mammalian egg.

THE INVESTIGATION OF ATMOSPHERIC POLLUTION, 1958-1966, 32nd Report—Ministry of Technology, Warren Spring Laboratory—Brit. Information Service, N.Y., 1967, 146 p., diagrams, maps, paper, \$2.10. Covers the changes since 1958 in sections dealing with the emission

of pollutants and its abatement, dispersion of pollutants and their observed distribution.

ISOTOPES IN PLANT NUTRITION AND PHYSIOLOGY: Proceedings of Symposium jointly organized by IAEA and FAO in Vienna, 1966—I. Szabolcs and others—IAEA (Internat'l Pubns., N.Y.), 1967, 596 p., illus., paper, \$12.50. Deals with soil chemistry and fertility, experimental techniques, assimilation metabolism, ion absorption, and genetical aspects of plant nutrition.

THE LAROUSSE ENCYCLOPEDIA OF ANIMAL LIFE—Foreword by Robert Cushman Murphy—McGraw-Hill, 1967, 640 p., 100 color plates, 900 photographs, \$25; \$22.50 until 12/31/67. An up-to-date one-volume guide to the animals of the world, from protozoans and sponges, through mollusks, insects and fishes to reptiles, birds and mammals. Authoritative and readable descriptions use latest system of classification; American common names, classification tables, glossary and thorough index included.

NEUTRON MONITORING: Proceedings of the Symposium on Neutron Monitoring for Radiological Protection held in Vienna, 1966—J. A. Auxier and others—IAEA (Internat'l Pubns., N.Y.), 1967, 705 p., illus., paper, \$14.50. Deals with the physical aspects of neutron dosimetry, liquid dielectric and scintillation detectors, development in personnel monitoring and dosimetry studies for accidents.

THE OTHER HAND: An Investigation into the Sinister History of Left-Handedness—Michael Barsley—Hawthorn Bks., 1967, 228 p., illus., \$4.95. Digging into historical sources, the author assembled a great many superstitions and facts about left-handedness.

PRIVACY AND FREEDOM—Alan F. Westin, foreword by Oscar M. Ruebhausen—Atheneum, 1967, 487 p., \$10. Well written and annotated study of the advances in eaves-dropping mechanisms, lie detectors, personality tests and the vast array of electronic devices that invade the privacy of the American citizen. The author examines the legal aspects of data-collection uses and proposes certain responses to restore the balance of privacy to the individual.

SCIENCE IN UTOPIA: A mighty Design—Nell Eurich—Harvard Univ. Press, 1967, 332 p., \$7.95. An annotated study and attempt at synthesis and continuity of presentation, the book covers several centuries of man's visions of a better world based on hope in scientific discoveries and their application.

SO EXCELLENT A FISHE: A Natural History of Sea Turtles—Archie Carr—Natural Hist. Press, 1967, 248 p., 45 plates, maps, \$5.95. Based on a decade of field studies, the author describes vividly the green turtle and its remarkable feats of navigation on its migratory trip of some 1400 miles between feeding grounds and place of nesting.

SOIL MOISTURE AND IRRIGATION STUDIES: Proceedings of a Joint FAO/IAEA Panel, 1966—M. Fried and others—IAEA (Internat'l Pubns., N.Y.), 1967, 109 p., diagrams, paper, \$2.50. Deals with radiation equipment, radioisotopes and labelled salts, water-use efficiency, and offers recommendations.

PRACTICAL WOODWORK

By Charles H. Hayward

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A SPORTING CHANCE: Unusual Methods of Hunting—Daniel P. Mannix—Dutton, 1967, 253 p., 50 photographs, \$6.95. Entertainingly written book about hunting with blow-gun, falcon, cross-bow, boomerang and bola, methods that take great skill and give the animal a chance.

TUMORS OF THE ALIMENTARY TRACT IN AFRICANS: A Symposium, held in Geneva, 1965—J. F. Murray, Ed.—National Cancer Institute (GPO), 1967, 315 p., illus., \$3.25. Diverse data and statistics of clinical and pathological observations on cancers of the alimentary tract in various parts of Africa.

THE WRECK OF THE TORREY CANYON—Crispin Gill, Frank Booker and Tony Soper—Taplinger, 1967, 128 p., 31 photographs, maps, \$4.50. Starting with a chronology events, the book gives the factual record of the disaster and its aftermath when oil pollution from a grounded tanker blackened the beaches of Cornwall and Brittany.

Textbooks

AIR CONDITIONING ENGINEERING—W. P. Jones—St. Martins Press, 1967, 494 p., diagrams, \$18. For students and practicing engineers, this text presents the theory and practice of modern air conditioning systems and equipment.

CHEMISTRY OF SOLIDS: Introduction to the Chemistry of Solids and Solid Surfaces—Andrew K. Gaiway—Chapman & Hall (Barnes & Noble), 1967, 210 p., illus., \$9; paper \$5.50. An introductory text-monograph covering the crystal lattice, and band theory of solids, solid surfaces and reactions of solids.

RADIATION AND LIFE—George E. Davis—Iowa State Univ. Press, 1967, 344 p., diagrams, \$6.50. Intended as a readable text for the advanced high school or beginning college student, introducing the physical and biophysical science that characterizes the Atomic Age.

The autobiography of the father of aerodynamics

— the scientist whose genius can be seen in every airplane flight and every rocket blast-off.

THE WIND AND BEYOND:

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New discoveries in the science of the human voice

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