

books OF THE WEEK

ANIMAL AGGRESSION: Selected Readings—Charles H. Southwick—Van Nostrand Reinhold, 1970, 229 p., illus., \$5.95; paper, \$3.95. An anthology on aggressive behavior in animals, includes both classic works and contributions summarizing current research.

THE BATTLE AGAINST HEART DISEASE—P. E. Baldry, foreword by J. F. Goodwin, M.D.—Cambridge Univ. Press, 1971, 189 p., illus., \$10. Describes for the general reader, in historical sequence, the progress in understanding the heart's action, the diagnosis of its disorders and their treatment from the time of Hippocrates.

CRC HANDBOOK OF CHEMISTRY AND PHYSICS: A Ready-Reference Book of Chemical and Physical Data—Robert C. Weast, Ed.—Chemical Rubber Co., 1970, 51st ed., 2,400 p., \$24.95. Reliable standard sourcebook, contains in tabulated form more than a million items of critically evaluated data and up-to-date information.

THE CELLULAR DEFENCE REACTIONS OF INSECTS—George Salt—Cambridge Univ. Press, 1970, 118 p., plates, illus., \$7.50. Monograph deals with such cellular reactions as phagocytosis, encapsulation, nodule formation, reactions of insect blood cells, cellular reactions and immunity, and includes a comparison of insect and vertebrate defense reactions.

DENTISTRY AND ITS VICTIMS—"Paul Revere" D.D.S.—St. Martins, 1970, 305 p., \$8.50. A practicing dentist's guide to understanding quality in dentistry, discusses in layman's terms common dental troubles and their repair, major restorations, artificial teeth, and the cost of dental repairs.

DISCOVERING THE UNIVERSE: A History of Astronomy—Colin A. Ronan—Basic Bks., 1971, 248 p., illus., \$6.95. Story develops the unfolding of man's knowledge about his surrounding universe, subject by subject, instead of the usual chronological treatment of the history of astronomy.

ELECTRICAL, MAGNETIC AND VISUAL METHODS OF TESTING MATERIALS—Jack Blitz, William G. King and Donald G. Rogers—Butterworth (Daniel Davy), 1970, 202 p., photographs, diagrams, \$10.50. Concentrates mainly on eddy current, magnetic particle and penetrant methods of testing.

ELECTRONIC DESIGN DATA BOOK—Rudolf F. Graf—Van Nostrand Reinhold, 1971, 312 p., illus., \$17.95. Practical sourcebook on frequency data, all segments of communication, passive and active components and circuits, mathematical data, formulas, symbols, and physical data.

EVERYDAY SCIENCE: Introducing the Scientific Explanations behind Some Ordinary Phenomena—Daniel Hershey—Doubleday, 1971, 167 p., diagrams, \$5.95. Explains some of the basic scientific principles at work in our surroundings, and helps the reader to "reason" things through, and to apply arithmetic principles.

FRESHWATER FISHES OF NORTH-WESTERN CANADA AND ALASKA—J. D. McPhail and C. C. Lindsey—Fisheries Research Bd. of Canada (Queen's Printer, Ottawa), 1971, 381 p., illus., maps, paper, \$8.50. Offers background information, glossary, key to families, and species account.

THE GROWTH OF WORD MEANING—Jeremy M. Anglin—M.I.T. Press, 1971, 108 p., diagrams, \$6.95. Monograph deals with the development of word meaning, shows how semantic evolution takes place by describing the results of cross-sectional experiments, sorting experiments, free-recall and free-association studies.

HABITABLE PLANETS FOR MAN—Stephen H. Dole—Am. Elsevier Pub. Co., 1970, 2nd ed., 158 p., diagrams, \$7.75. Study outlines basic human environmental requirements, discusses general planetology, mathematically calculates the probability of habitable planets, the nearest candidates, and star hopping.

HOST-VIRUS RELATIONSHIPS IN MYCOBACTERIUM, NOCARDIA AND ACTINOMYCES: Proceedings of a Symposium—Stephen E. Juhasz and Gordon Plummer, Eds.—Thomas, C. C., 1970, 271 p., illus., \$13.75. Discusses such topics as present knowledge regarding inheritance in *Mycobacterium* and *Nocardia*, and virus-induced hereditary changes in mycobacterial host.

HUMANISTIC PSYCHIATRY: From Oppression to Choice—Roy D. Waldman, M.D.—Rutgers Univ. Press, 1971, 164 p., \$6. An exploration in the social origins of man's nature, his neuroses and sane human conduct.

THE HUNGRY BIRD BOOK—Robert Arbib and Tony Soper—Taplinger, 1971, 128 p., illus. by Robert Gillmor, \$4.95. A practical guide for attracting a variety of wild birds to your garden.

THE INFORMATION MACHINES: Their Impact on Men and the Media—Ben H. Bagdikian—Harper, 1971, 359 p., graphs, \$8.95. A RAND study, attempts a full projection of the technological explosion in communication electronics, its impact on transmitting human ideas, printed news, the broadcast news system, public policy and private profit.

OCEANOLOGY TODAY: Man Explores the Sea—Robert Barton—Doubleday, 1971, 192 p., color photographs and diagrams, \$5.95. Oceanology is the study of the ocean as a marine resource and environment, the book explains how modern technology affects fishing, mining, water desalination, tidal power and the extraction of oil and gas.

ON EVERY SIDE THE SEA: Man's Involvement with the Oceans—Robert Claiborne—Am. Heritage Press, 1971, 175 p., \$5.95. Easy and informative reading about the importance of the ocean to life on earth, the wealth of marine life, and new research.

THE ORGANIZATION OF HEREDITY—Kenneth R. Lewis and Bernard John—Am. Elsevier Pub. Co., 1970, 241 p., diagrams, \$11.75; paper, \$5.95. Deals, almost exclusively, with recent advances in molecular and microbial genetics, treats with some detail the methods used for mapping mutant sites in various organisms, the mechanism of crossing-over, the nature of the genetic code and the functional coordination of genotype.

THE PASSING OF THE MODERN AGE—John Lukacs—Harper, 1971, 222 p., \$7.95. Historian discusses such diverse topics as politics, learning, science, race and art in a search to explain why there is a loss of faith in a civilization that has produced new heights of accomplishment.

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