

MECHANICAL TESTING OF MATERIALS—A. J. Fenner—Philosophical Lib., 221 p., diagrams, \$15. A concise account, including both short-term and long-term static and dynamic tests, from torsion and tensile tests to recent studies of fatigue and creep.

MEDICINE IN TRANSITION—Iago Galdston—Univ. of Chicago Press, 220 p., \$5.95. A medical historian and social anthropologist, the author in this work seeks to establish the shortcomings of medical practice today and present these in their historical setting.

NATIONAL PARKS OF THE WEST—Editors of Sunset Books and Sunset Magazine—Lane Bk. Co., 320 p., photographs, illus., \$9.95; after 1/1/66, \$11.75. A visually exciting book, describes geology, flora and fauna of each park, with 32-page section of park facts for travelers.

NATIVE WILD PLANTS OF NORTHEASTERN UNITED STATES AND EASTERN CANADA—F. H. Montgomery—Warne, 193 p., line drawings, color plates, \$3.95. A field guide with simplified key.

NEW FOUNDATIONS OF QUANTUM MECHANICS—Alfred Lande—Cambridge Univ. Press, 171 p., \$7.50. Derivation of quantum theory from non-quantum foundations and repudiation of dualism in physics and philosophy.

THE NEW INTELLIGENT MAN'S GUIDE TO SCIENCE—Isaac Asimov, foreword by George W. Beadle—Basic Books, 864 p., illus., \$9.95; after 1/1/66, \$12.50. An up-to-date, one-volume view of what is known about the universe, the earth, the atmosphere, the elements, the molecule, microorganisms, the species and the mind.

NEW YORK CITY IN CRISIS—New York Herald Tribune Staff, Barry Gottehrer, Dir.—McKay, 212 p., \$4.50; paper, \$1.95. Collection of articles based on six months of interviewing by reporters probing into the reasons for urban deterioration.

THE NEXT GENERATION: The Prospects Ahead for the Youth of Today and Tomorrow—Donald N. Michael—Random House, 218 p., \$4.95. Based on report prepared in 1963 for the President's Committee on Juvenile Delinquency, discusses conditions essentially independent of the influence of youth developers, conditions subject to considerable influence, and the consequences of these conditions.

NORWAY—Alfred Nawrath—Kummerly & Frey (Rand McNally), 131 p., 93 color plates, map, \$19.95. Printed in Switzerland, shows the beauty of Norway from Cape Lindesnes in the south to the Norwegian islands in the Arctic.

NUMERICAL ANALYSIS—I. M. Khabaza—Pergamon Press, 242 p., \$5. Emphasizes methods suitable for digital computers.

OKLAHOMA PLACE NAMES—George H. Shirik—Univ. of Okla. Press, 233 p., \$4.95. An alphabetical listing, giving location and origin.

ON THE SHOULDERS OF GIANTS: A Shandean Postscript—Robert K. Merton, foreword by Catherine Drinker Bowen—Free Press, 290 p., illus., \$4.95. Written with tongue-in-cheek scholarship by social scientist as a good-natured spoof on quasi-scholarship.

OPERATIONAL METHODS IN NONLINEAR MECHANICS—Louis A. Pipes—Dover, 99 p., paper, \$1.50. Original publication.

THE OPINIONMAKERS—William L. Rivers—Beacon Press, 207 p., \$4.95. A book about modern political journalism, about the interplay of politics and the mass media, about government officials using reporters and reporters using government officials.

THE PENICILLIN GROUP OF DRUGS—Gordon T. Stewart—Elsevier Pub. Co. (N.Y.), 212 p., \$10. From discovery in 1929 to recent work with cephalosporins, this book draws together the various aspects of the whole family of penicillins and cephalosporins.

PHOTOGRAPHY FOR SCIENTIFIC PUBLICATION: A Handbook—Alfred A. Blaker—Freeman, 158 p., photographs, diagrams, \$8. Based on experience gained in a laboratory devoted exclusively to research illustrations, this handbook shows how to apply general photographic practices to the special subject matter and problems of this type of work.

PHYSICAL METHODS IN INORGANIC CHEMISTRY—Russell S. Drago—Reinhold, 430 p., diagrams, \$14.50. A basic work on the application of the different kinds of spectroscopic methods to problem solving in inorganic chemistry.

PLASMA PHYSICS: Scientific Principles and Technological Applications—Ali Bulent Cambel and Marion Cambel—Heath, 120 p., illus., paper, \$1.32. Traces the development that gave rise to the concept of plasma and shows how it is investigated.

THE PREDOMINANTLY NEGRO COLLEGES AND UNIVERSITIES IN TRANSITION—Earl J. McGrath—Teachers College, Columbia Univ., 204 p., \$4.75; paper, \$2.75. A set of facts and recommendations based on a study of the predominantly Negro institutions of higher learning in 1964.

PSYCHIATRY AND THE AGED: An Introductory Approach—The Committee on Aging—Group for the Advancement of Psychiatry, 60 p., paper, \$1. Presents selected facts, defines terms and briefly reviews the mental disorders common in old age, and discusses goals in their treatment.

PSYCHOLOGY OF THE SCIENTIST, XIV: Experiments in Hypothesis-Confirmation and Mood as Determinants of Experimental Results—Robert Rosenthal and others—Perceptual and Motor Skills, Mono-

graph Supplement 6-V20, 15 p., paper, \$1. Study evaluates the contribution of two factors, expectancy and mood, to the mediation of the early returns effect.

THE WILD CASCADES: Forgotten Parkland—Harvey Manning, with lines from Theodore Roethke, foreword by William O. Douglas—Sierra Club, 128 p., photographs by Ansel Adams, Philip Hyde and others, folded map, \$20. Magnificent views of the primeval landscape in the remote natural park of the state of Washington.

WHALE'S WAY—Johanna Johnston—Doubleday, 45 p., illus. by Leonard Weisgard, \$2.95. A handsome, simply written book for the youngest readers.

X-RAY—VANGUARD OF MODERN MEDICINE—Theodore Berland—Public Affairs Pamphlets, 28 p., illus., paper, 25¢. Discusses for the layman X-rays for diagnosis, new uses, radioisotopes in diagnosis, radiotherapy and radiation safety.

• Science News Letter, 88:284 October 30, 1965

Nature Note

The Roundworms

Roundworms are more highly developed creatures than flatworms in the animal kingdom. They have a single straight digestive tube running down their elongated cylindrical body, with openings at both ends. Their nervous system is more advanced and complex than that of the flatworms, but there is little or no development yet of the circulatory or respiratory system.

These worms of the phylum Nematelminthes are found virtually everywhere. Millions inhabit a spadeful of rich garden soil, uncounted billions live in the oceans, streams, woods and fields. Nearly every man, animal and plant has roundworm inhabitants. Some are microscopic, others may be a yard long.

A large group of the Nematelminthes are the nematodes that often attack plants and cause serious damage to crops—the wheat cewlworm, the root-knot nematode, the stem-and-bulb cewlworm, the chrysanthemum nematode and many others.

There are about 50 kinds of roundworms parasitic in man. Hookworms, once thriving in the southern United States, live in the intestines of human beings, causing an infected person to become anemic and weak.

Ascaris is a common form of intestinal worm that infects wild and tame animals as well as man. Pinworms are fairly common in children. Trichinosis worms infect pigs, rats and man. In man, they burrow into the muscles all over the body where they form cysts, causing severe pain, weakness and even death.

• Science News Letter, 88:285 October 30, 1965

Do You Know?

One out of every 20 youngsters, never having learned to use both eyes together, is seeing with *one eye* and allowing the other to become "dead."

Years ago a plant that looked like a part of the body was thought to have *curative powers*, such as the clover, thought to cure heart disease.

There is high correlation between scholastic or reading performance and *myopia* in individuals.

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