

# books OF THE WEEK

**AMERICA, INC.:** Who Owns and Operates the United States—Morton Mintz and Jerry S. Cohen, introd. by Ralph Nader—Dial Press, 1971, 424 p., \$10. Deals with the interlocking powers of corporate institutions and the conflicting aims of corporate benefits and of the public environment and health.

**THE ENVIRONMENT, THE ESTABLISHMENT AND THE LAW**—Harmon Henkin, Martin Merta and James Staples—Houghton Mifflin, 1971, 223 p., photographs, \$6.95. Presents the case against DDT, the hearings before the Wisconsin Department of Natural Resources on banning the controversial pesticide, the examiner's summary of evidence.

**THE IMMUNOBIOLOGY OF TRANSPLANTATION**—Rupert Billingham and Willys Silvers—Prentice-Hall, 1971, 209 p., illus., \$9.75; paper, \$4.95. A general introductory account of the basic principles and concepts of the subject, its unresolved problems and future prospects.

**INTEGRATED EXPERIMENTAL ECOLOGY:** Methods and Results of Ecosystem Research in the German Solling Project—H. Ellenberg—Springer-Verlag N.Y., 1971, 214 p., illus., \$16.80. An interdisciplinary study of function and balance in four typical forest and grassland biological communities.

**INTELLIGENCE, CREATIVITY AND COGNITIVE STYLE**—George Shouksmith—Wiley-Interscience, 1971, 240 p., diagrams, tables, \$6.50. Integrates findings from traditional studies with those from creativity research and the mental testing field, with emphasis on the distinction between imaginative and logical reasoning as two aspects of intelligent behavior.

**MANUAL OF THE GRASSES OF THE UNITED STATES**, Vols. I and II—A. S. Hitchcock, rev. by Agnes Chase—Dover, 1971, 1,051 p., 1,199 pen drawings, synonymy, glossary, paper, \$8. Unabridged reprint (1950) of encyclopedic work, gives detailed descriptions of 1,398 species in 169 genera found in the United States.

**THE OMNIVOROUS APE**—Lyal Watson—Coward McCann, 1971, 222 p., \$6.95. Zoologist and former zoo director writes informally about animal food habits, man's omnivorous tastes, experimentation with food and the "global Eating Game."

**OXYGEN IN THE HEART MUSCLE**—Karel Rakusan, M.D.—Thomas, C. C., 1971, 100 p., diagrams, \$12. A study of oxygen tension in living tissues, normal values of oxygen determinants in heart muscle, and changes in the myocardial oxygen tension, illustrated with graphs based on computer analysis.

**RESOURCES FOR SOCIAL CHANGE:** Race in the United States—James S. Coleman—Wiley-Interscience, 1971, 119 p., tables, \$7.95. The principal author of the Report on Equality of Educational Opportunity here attempts to provide a framework designed to aid in the process of developing more economic power and personal resources for blacks in American society.

**SCIENCE AND SYNTHESIS**—René Maheu, L. de Broglie, W. Heisenberg and others, transl. by Barbara M. Crook—Springer Verlag N.Y., 1971, 206 p., \$10.50. Debates at the International Colloquium organized by Unesco on the Tenth Anniversary of the Death of Albert Einstein and Teilhard de Chardin.

**SCIENCE AND THE FUTURE OF MAN**—Robert L. Carovillano and James W. Skehan, Eds.—M.I.T. Press, 1971, 196 p., \$10. Proceedings of symposium discussing such current critical issues of science and society as are scientific priorities, environmental pollution, urban problems, and science and the revolution in the Third World.

**SCIENCE IN AMERICAN SOCIETY:** A Social History—George H. Daniels—Knopf, 1971, 400 p., \$10. A study of the role of science in American civilization with emphasis on particular national aspects, from the impact of medieval science on the new world, the transit of ideas from England, to the development of science in a free society, planned progress and science in a corporate age.

**SENSORINEURAL HEARING LOSS:** Ciba Foundation Symposium—G. E. W. Wolstenholme and Julie Knight, Eds.—Churchill (Williams & Wilkins), 1971, 358 p., 116 illus., \$14. Papers and discussions on the current understanding of how the mechanism of the inner ear works, exploring the possibilities for further research.

**SETTING NATIONAL PRIORITIES:** The 1972 Budget—Charles L. Schultze and others—Brookings, 1971, 336 p., tables, \$8.95; paper, \$2.95. Analysis gives overview and alternatives, presents figures on major defense options, special defense issues, revenue sharing, family assistance, health care, environment and transportation.

**SHOCK WAVES IN COLLISIONLESS PLASMAS**—D. A. Tidman and N. A. Krall—Wiley-Interscience, 1971, 175 p., diagrams, \$10.50. Basically theoretical, this reference work brings together the basic physics underlying shock structures to provide the framework for future advances in collisionless shock theory.

**SPACE SHUTTLES AND INTERPLANETARY MISSIONS:** Advances in the Astronomical Sciences, Vol. 28—L. Larmore and R. L. Gervais, Eds.—AAS Pubns., 1970, 473 p., illus., \$17.75. Sessions deal with technical programs, design and operation of space shuttles, precursor missions, and planetary and lunar space stations.

**THICK-FILM MICROELECTRONICS:** Fabrication, Design and Applications—Morton L. Topfer—Van Nostrand-Reinhold, 1971, 210 p., illus., \$10.95. Designed to give a working knowledge of hybrid circuits, properties of thick- and thin-film materials, and system design utilizing hybrid microcircuits.

**TRACE ELEMENTS IN HUMAN AND ANIMAL NUTRITION**—E. J. Underwood—Academic Press, 1971, 3rd ed., 543 p., \$24. Revised and enlarged to reflect the progress made in understanding the nutritional role of the trace elements, and their biological and pathological significance to animals and man.

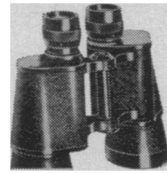
**UNDERSTANDING ENVIRONMENTAL POLLUTION**—Maurice A. Strobbe, Ed.—Mosby, 1971, 357 p., illus., tables, paper, \$5.95. Readings selected for environmental quality courses and to serve as a guide to the understanding of different aspects of environmental pollution, including papers on current research and development.

**UNDERSTANDING THE EARTH:** A Reader in the Earth Sciences—I. G. Gass, Peter J. Smith and R. C. L. Wilson, Eds.—M.I.T. Press, 1971, 355 p., photographs, diagrams, maps, \$12.50; paper, \$7.95. Scientists present synopses incorporating latest findings on 22 particular areas, from the earth's magnetic field, oxygen and evolution, to the fossil record, and plate tectonics.

**WATER QUALITY AND TREATMENT:** A Handbook of Public Water Supplies—The American Water Works Association, E. R. Baumann and others—McGraw-Hill, 1971, 3rd ed., 654 p., illus., \$19.50. Authoritative source in the field of water utility operation, new revision presents recent advances in sanitary engineering, water chemistry, and purification and treatment methods.

*Books of the Week is an editorial service for readers' information. To order any book listed, or any U.S. book in print, please remit retail price, plus 25¢ handling charge for each book to Book Order Service, Science News, 1719 N St., N.W., Washington, D.C. 20036. All books sent postpaid.*

## 5 YEAR GUARANTEE!



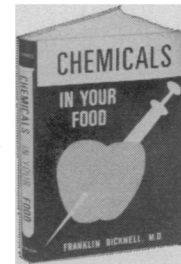
20 x 50

\$26.97

(Sale Price)

Regular List \$9.95

Tremendous power brings objects 20 times closer... about THREE TIMES power of ordinary binoculars! Achromatic. Wide (2" across) front lens assures greater illumination, sharper images. 27 oz., 7" high. Coated lens. Streamlined, new, lighter frames make these binoculars easy to hold and focus. This is not an ordinary warranty but a 5 year UNCONDITIONAL GUARANTEE—if this superb binocular is broken any time within 5 years we will repair or replace (our option) AT NO CHARGE TO YOU! Made in Japan to rigid United specifications. Sturdy case, straps included. Add \$2.50 postage, handling. C.O.D.'s require \$3 deposit. ORDER NOW! United Binocular Co. 9043 S. Western HSG-997 Chicago 60620. Established 1936



## Avoid Food Pollution

Dr. Bicknell, noted physician, deals in detail with many of the foods you eat every day that are contaminated and corrupted by chemicals. He tells which foods to avoid, which ingredients to beware of, how to select safe meat and poultry, safest cooking methods, dangers of plant pesticides, and many more vital subjects. ORDER NOW: \$4.95, plus 30¢ handling. Chemicals in Your Food by Franklin Bicknell, M.D. 10-Day Money-Back Guarantee. EMERSON BOOKS, Inc., Dept. 399-T 251 West 19 Street, New York 10011

## TELLS HOW TO SELL YOUR INVENTION

If you have an invention that you believe has merit, write us at once for copy of copyrighted booklet "How to Go About Selling Your Invention." We work with manufacturers, and booklet reveals present markets, qualities of a saleable invention, current royalty rates being paid by manufacturers. Booklet is FREE, is offered to encourage new ideas we might submit to manufacturers. Just send name (no drawings please) to Kessler Sales Corp., Dept. 417, Fremont, Ohio 43420

**ORGANIZE YOUR SLIDES  
PROTECT YOUR SLIDES  
SEE YOUR SLIDES**

**SLIDE HOLDER VIEWER**

Holds 20 cardboard mount 2" X 2" slides safe from damage or dust, in flexible vinyl pockets. No. 49910 package of 25 - holds 500 slides \$8.75 plus postage

**Forestry Suppliers, Inc.**  
BOX 8397/JACKSON, MISSISSIPPI 39204

## AUTHORS WANTED BY NEW YORK PUBLISHER

Your book can be published, promoted, distributed by a reliable company on a subsidized basis. Fiction, non-fiction, poetry, scholarly, scientific and even controversial manuscripts welcomed. For Free Booklet write Vantage Press, Dept. T8, 516 West 34th St., New York, N.Y. 10001

## BRING BIG BRIGHT RAINBOWS INTO YOUR LIFE!

With JUMBO size Prisms:

Special Sale: 2 for \$10.00 plus \$2.00 pp. Trap your own Rainbow! Each water-white clear glass prism weighs 10 oz. Measures 3 1/2" x 2 1/4" x 1 1/2". Minor imperfections. Cost over \$35.00 each. Projects a beautiful spectrum (rainbow) with Sunlight. One only \$8.00 p.p.

**HARRY ROSS**

Scientific & Lab Projects  
61-L Reade St., N.Y. 10007

