

stimulate the reader to further study than to provide him with adequate knowledge. This makes it regrettable that despite the numerous quotations and mentions of original contributions the book does not provide a list of references. A short list of suggested books preceding the text may serve as a lead to bibliography.

S. E. LURIA

Department of Bacteriology,
University of Illinois

Books Reviewed in The Scientific Monthly October

Cultural Anthropology, Melville J. Herskovits (Knopf). Reviewed by M. H. Fried.

The Evolution of an Insect Society, Derek Wragge Morley (Scribner). Reviewed by Reginald D. Manwell.

Readings in Anthropology, E. Adamson Hoebel, Jesse D. Jennings, Elmer R. Smith, Eds. (McGraw-Hill). Reviewed by Alfred G. Smith.

Animal Life in Deserts, P. A. Buxton (St. Martin). Reviewed by Paul B. Sears.

Evolution of the Vertebrates, Edwin H. Colbert (Wiley; Chapman & Hall). Reviewed by Albert E. Wood.

Grundriss der Allgemeinen Zoologie, Alfred Kuhn (Thieme). Reviewed by Ernst Caspari.

Introduction to Physical Geology, Chester R. Longwell and Richard Foster Flint (Wiley; Chapman & Hall). Reviewed by Jacob Freedman.

Two Years in the Antarctic, E. W. Kevin Walton (Philosophical Library). Reviewed by V. E. Fuchs.

Science Reasoning and Understanding, Intercollege Committee on the Evaluation of Science Objectives of the Cooperative Study of Evaluation in General Education (Brown). Reviewed by I. Bernard Cohen.

The Chemistry of Living Cells, Helen R. Downes (Harper). Reviewed by L. J. Mullins.

Botany Principles and Problems, Edmund W. Sinnott and Katherine S. Wilson (McGraw-Hill). Reviewed by Robert F. Smart.

The Elements of Chromatography, Trevor Illtyd Williams (Philosophical Library; Blackie). Reviewed by James D. O'Rourke.

Soil Fertility, C. E. Millar (Wiley; Chapman & Hall). Reviewed by Roy D. Hockensmith.

Minerals in World Industry, Walter H. Voskuil (McGraw-Hill). Reviewed by William A. Hance.

Experiments in Organic Chemistry, Louis F. Fieser (Heath). Reviewed by Roy G. Bossert.

The New Warfare, O. N. Barclay (Philosophical Library). Reviewed by Ralph Braibanti.

Applied Entomology, H. T. Fernald and Harold H. Shepard (McGraw-Hill). Reviewed by J. S. Wade.

Physics: a Descriptive Interpretation, C. H. Bachman (Wiley; Chapman & Hall). Reviewed by R. F. Paton.

New Books

Chemotherapy of Malaria. Gordon Covell, G. Robert Coatney, John W. Field, Jaswant Singh. WHO Monogr. Ser. No. 27. World Health Organization, Geneva, 1955. 123 pp. \$3.25.

The Hormones. Physiology, chemistry and applications. vol. III. Gregory Pincus and Kenneth V. Thimann, Eds. Academic Press, New York, 1955. 1012 pp. \$22.

Laboratory Outlines and Notebook of Organic Chemistry. Cecil E. Boord, Wallace R. Brode, Roy G. Bossert. Wiley, New York and Chapman & Hall, London, ed. 3, 1955. 314 pp. \$3.90.

Boundary Layer Theory. Hermann Schlichting. Trans. by J. Kestin. McGraw-Hill, New York; Pergamon, London; Braun, Karlsruhe, Germany, 1955. 535 pp. \$15.

The Miracle of Light and Power. How electricity, gas and steam are produced for home and industry. Burr W. Leyson. Dutton, New York, 1955. 186 pp. \$3.50.

Qualitative Organic Analysis and Scientific Method. A. McGookin. Chapman & Hall, London; Reinhold, New York, 1955. 155 pp. \$4.50.

Stuttering in Children and Adults. Thirty years of research at the University of Iowa. Wendell Johnson, Ed. Univ. of Minnesota Press, Minneapolis, 1955. 472 pp. \$5.

Principles of Meteorological Analysis. Walter J. Saucier. Univ. of Chicago Press, Chicago, 1955. 438 pp. \$10.

Recent Progress in Hormone Research. vol. XI. Proceedings of the 1954 Laurentian Hormone Conference. Gregory Pincus, Ed. Academic Press, New York, 1955. 518 pp. \$10.

Fifth Symposium (International) on Combustion. Combustion in engines and combustion kinetics. Standing Committee on Combustion Symposia of the Combustion Institute. Reinhold, New York; Chapman & Hall, London, 1955. 802 pp. \$15.

The Convolution Transform. I. I. Hirschman and D. V. Widder. Princeton Univ. Press, Princeton, N.J., 1955. 268 pp. \$5.50.

Textbook of Anatomy and Physiology. Diana Clifford Kimber and Carolyn E. Gray. Rev. by Caroline E. Stackpole and Lutie C. Leavell. Macmillan, New York, ed. 13, 1955. 850 pp. \$5.

'Sound Barrier.' The story of high-speed flight. Neville Duke and Edward Lanchbery. Philosophical Library, New York, rev. ed., 1955. 129 pp. \$4.75.

Advances in Internal Medicine. vol. VII. William Dock and I. Snapper. Year Book, Chicago, Ill., 1955. 311 pp. \$8.50.

Culture and Experience. A. Irving Halliwell. Univ. of Pennsylvania Press, Philadelphia, 1955. 434 pp. \$7.

Discovering Buried Worlds. André Parrot. Trans. by Edwin Hudson. Philosophical Library, New York, 1955. 127 pp. \$3.75.

The Principles of Electromagnetism. E. B. Moullin. Oxford Univ. Press, Oxford, ed. 3, 1955. 438 pp. \$8.

The Case History of Sigmund Freud. A psychobiography. Maurice Natenberg. Regent House, Chicago, 1955. 245 pp. \$3.95.

Miscellaneous Publications

(Inquiry concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

Eighth Annual Report. Pacific Science Board, 1954. Natl. Acad. of Sciences-Natl. Research Council, Washington, 1955. 61 pp.

INSDOC Report 1954-55 (Indian Natl. Scientific Documentation Centre). Natl. Physical Lab. of India, New Delhi, 1955. 18 pp.

In Time of Trouble. Office of Public Reports. 38 pp. *Technical Cooperation in Education*. 18 pp. International Cooperation Administration, Washington 25, 1955.

The Research Report of the Land Locomotion Research Laboratory. vol. 1, No. 2. The Laboratory, Detroit Arsenal, Center Line, Mich., 1955. 33 pp.

The 14-Week Exploratory Study of Marginal-Airman Basic Training: Comparison of Proficiency of 8-Week and 14-Week Training Groups. Research Rpt. AFPTRC-TN-55-10. Donald B. Gragg et al. 27 pp. *The Behavior of Individuals and Personnel Systems in the Surveillance Functions of an Air Defense Direction Center*. pt. III, *Distribution of Responses with Respect to Job Functions*. Research Rpt. AFPTRC-TN-55-11. Jay D. Cohen and Robert K. McKelvey. 15 pp. *Student Achievement as a Measure of Instructor Effectiveness*. Research Rpt. AFPTRC-TN-55-12. Joseph E. Morsh, George G. Burgess, Paul N. Smith. 20 pp. *Implications of Regional Differences in Aptitude for Personnel Classification*. Research Rpt. AFPTRC-TN-55-13. Mary Agnes Gordon. 13 pp. *Evaluation of a Selection Composite for Screening Applicants for USAF Officer Candidate School*. Research Rpt. AFPTRC-TN-55-15. Ernest C. Tupes and Walter R. Borg. 13 pp. *Predicting Motivation for Flying Training among Senior AFROTC Cadets*. Research Rpt. AFPTRC-TN-55-18. Ernest C. Tupes, J. W. Bowles, Donald V. Torr. 8 pp. *Air Force Personnel & Training Research Center, Lackland Air Force Base, San Antonio, Tex., 1955* (Order from: Office of Technical Service, U.S. Dept. of Commerce, Washington, D.C.).

Air-Borne. Cornell Rural School Leaflet, vol. 49, No. 2. Verne N. Rockcastle. Cornell Univ., Ithaca, N.Y., 1955. 32 pp.

The Zoonoses in Their Relation to Rural Health. Karl F. Meyer. Univ. of California Press, Berkeley and Los Angeles, 1955. 49 pp. \$1.

A New Species of Sternotherus with a Discussion of the Sternotherus Carinatus Complex (Chelonia, Kinosternidae). Tulane Studies in Zoology, vol. 3, No. 3. Donald W. Tinkle and Robert G. Webb. Tulane Univ., New Orleans, 1955. \$0.50.

First Annual Report and Statement of Accounts for the Period Ending 31 March 1955. National Research Development Corp. of India, New Delhi, 1955. 17 pp.

Bioestadística. Serie Científica 2. Alfonso Dominguez Toledano. 1953. 181 pp.; *Papeles de la Chinantla*. pt. I, *Mayultanguis y Tlacoatzintepec*. Serie Científica 3. Roberto J. Weitlaner and Carlo Antonio Castro G. 1954. 269 pp. Museo Nacional Antropología, Mexico.