An introductory series of chapters treats the historical significance, systematic position, medical importance, and control of *aegypti* and provides an account of the techniques used in its study. Beginning with the egg, the major portion of the book discusses the structure, physiology, development, and bionomics of each life history stage. Various phases of the discussion are illustrated clearly and simply; although only 86 figures are used, many of them are comprised of not a few separate drawings.

One of the book's major contributions is the lavish use, in the text and concluding bibliographies, of the world literature. In a day when the recording and retrieval of information becomes more and more beyond the time and individual energy of the working biologist, such a complete and orderly presentation of references is a very real boon. This is especially true for an insect such as *A. aegypti*, which is the object of the study of so many professionals in the field of entomology and public health. Appropriate references appear at the end of each chapter; they are keyed in the text by author and date and are grouped according to the subject matter to which each applies.

A work of such magnitude has obviously taken years to reach a publishable stage, and errors are of course inevitable. Despite whatever shortcomings have been pointed out by other reviewers, Sir Rickard is to be commended for the great service he has performed in presenting, summarizing, and interpreting the world's knowledge of this important mosquito.

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Practical Microscopy. C. L. Duddington. Pitman, New York, 1960. x + 237 pp. Illus. $6.50.

This book, based on lectures given at "The Polytechnic," is intended to provide other students and amateurs information for self-training to meet the paramount need "to be satisfied with nothing less than a perfect image." The standard techniques for bright-field microscopy are given in an elementary manner. Phase, interference, and electron microscopy are only mentioned. In a departure from the usual guides, the short chapter on buying a microscope calls to attention magnification and resolution requirements and the hazards of second-hand instruments. In addition to centering and lighting for good seeing, simple counting, measuring, and drawing techniques are described. Photomicrography receives brief treatment. Over a third of the book is given to simple methods for preparing animal, plant, bacteria, textile fibers, hairs, and food and drug specimens. Formulas for common fixing fluids and staining solutions and an index are included.

In the main British students are given much the same introduction as students in this country. The instruments discussed here are mostly British; the British still use turntables for liquid mounts, and the Venetian turpentine mountant is advocated. Köhler is misspelled, and the German word *xylol* is used throughout. High school science students, adult amateurs, and college freshmen should find the book helpful and readily readable.

OSCAR W. RICHARDS
American Optical Company, Southbridge, Massachusetts

Reprints

Advanced Euclidean Geometry. An elementary treatise on the geometry of the triangle and the circle. Roger A. Johnson. John Wesley Young, Ed. Dover, New York, 1960. 332 pp. Illus. $1.65.

Adventures with the Missing Link. Raymond A. Dart. Viking, New York, 1961. 280 pp. Illus. $1.65.

Algebraic Equations. An introduction to the theories of LaGrange and Galois. Edgar Dehn. Dover, New York, 1960. 219 pp. Illus. $1.45.

Animal Treasures. Ivan T. Sanderson. Viking, New York, 1961. 330 pp. Illus. $1.45.

Auguste Comte and Positivism. John Stuart Mill. Univ. of Michigan, Ann Arbor, 1961. 200 pp. $1.75.

Calculus of Finite Differences. George Boole. J. F. Moulton, Ed. Chelsea, New York, ed. 4, 1961. 348 pp. $1.39.

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Causality and Chance in Modern Physics. David Bohm. Harper, New York, 1961. 181 pp. $1.35.

Characterisation of Organic Compounds. F. Wild. Cambridge Univ. Press, New York, 1960. 314 pp. $2.95.

The Dancing Bees. An account of the life and senses of the honey bee. Karl von Frisch. Translated by Dora Ilse. Harcourt, Brace, New York, 1961. 192 pp. Illus. $1.95.

Frustration and Aggression. John Dollard *et al.* Yale Univ. Press, New Haven, Conn., 1961. 217 pp. $1.25.

Genetics Is Easy. A handbook of information. Philip Goldstein. Viking, New York, 1961. 253 pp. Illus. $1.45.

Great Ideas of Modern Mathematics. Their nature and use. Jagjit Singh. Dover, New York, 1959. 312 pp. Illus. $1.55.

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Hobbes. Sir Leslie Stephen. Univ. of Michigan Press, Ann Arbor, 1961. 243 pp. $1.95.

I Sailed with Rasmussen. Peter Freuchen. Viking, New York, 1961. 224 pp. Illus. $1.35.

The Image. Kenneth E. Boulding. Univ. of Michigan Press, Ann Arbor, 1961. 175 pp. $1.65.

The Individual and the Universe. A. C. B. Lovell. New American Library, New York, 1961. 126 pp. Plates. $0.50.

The Integrative Action of the Nervous System. Sir Charles Sherrington. Yale Univ. Press, New Haven, Conn., 1961. 433 pp. Illus. $1.95.

Introduction to the Theory of Linear Differential Equations. E. G. C. Poole. Dover, New York, 1960. 210 pp. $1.65.

The Life and Death of Cells. Joseph G. Hoffman. Doubleday, New York, 1961. 354 pp. $0.95.

Man-Made Sun. J. D. Jukes. Viking Press, New York, 1961. 136 pp. $1.25.

The Mechanism of Evolution. W. H. Dowdeswell. Harper, New York, 1960. 125 pp. Illus. $0.95.

A Modern Introduction to Logic. L. S. Stebbing. Harper, New York, 1961. 543 pp. Illus. $2.75.

Natural Selection and Heredity. P. M. Sheppard. Harper, New York, 1961. 209 pp. Illus. $1.35.

The Nature of Thermodynamics. P. W. Bridgman. Harper, New York, 1961. 248 pp. $1.40.

One, Two, Three . . . Infinity. Facts and speculations of science. George Gamow. Viking, New York, 1961. 352 pp. Illus. $1.65.

The Origin of Species by Means of Natural Selection: Or the Preservation of Favored Races in the Struggle for Life. Charles Darwin. Doubleday, Garden City, N.Y., 1961. 517 pp. $0.95.

The Outermost House. A year of life on the great beach of Cape Cod. Henry Beston. Viking, New York, 1961. 236 pp. Illus. $1.25.

Photoelasticity. Principles and methods. H. T. Jessop and F. C. Harris. Dover, New York, 1961. 192 pp. Illus. $2.

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Readable Relativity. Clement V. Durell. Harper, New York, 1960. 157 pp. Illus. $1.25.

Religion and Science. Bertrand Russell. Oxford Univ. Press, New York, 1961. 256 pp. $1.25.