

ther Topics, some dozen topics are mentioned in 10 pages and these cover the field from Effects of Earthquakes to Seismic Prospecting and Atomic Bombs. As a result, little is learned from such a hurried treatise.

The revised edition does contain a major change in the addition of a list of classified references. The list, although fairly well chosen, is by no means complete. Again, a reader would like something more comprehensive than has been offered. The section on Seismic Prospecting should mention the textbooks by Leet, Nettleton, Heiland, Jakowsky, Dobrin, Dix, and others. These are the most complete textbooks to be found in the English language for this classification of seismology. The references to articles in geophysical journals would number many more.

The book is well bound and the type is both attractive and clear. In general, it provides a handy reference book for a teacher, and parts of it, as mentioned earlier, represent a comprehensive exposé for the student.

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*Les Groupes Sanguins Chez l'Homme: Etude Sérologique et Génétique.* Jacques Ruffié. Masson, Paris, 1953, 207 pp. 1200 fr.

This new work is notable for its up-to-dateness and complete coverage of the field. It presents an admirable summary of the work of the last few years in blood grouping, yet manages to cover the salient historical facts also.

Starting with a general chapter, the author discusses successively the ABO system, the Lewis, MNS and PQ systems, the Rh system, and the Lutheran, Kell-Cellano, Duffy, Kidd, Jay, Vel, Levay, Jobbins, Graydon, Ven and Miltenberger factors and systems. Finally, a few pages (too few in the opinion of this reviewer) are devoted to the principles of probability.

The treatment of the ABO system is noteworthy for its coverage of recent discoveries and theories. Here one finds good accounts of the subgroups of A and AB, of the H antigen of Morgan, of Hirszfeld's theory of pleiades, the theory of Morgan and Watkins, and the new ABO blood group found in Bombay.

The treatment of the Rh system is outstanding. The immunological and genetical bases are stressed. The theories of Wiener and those of Fisher, and the Wiener and Race-Fisher notations are clearly presented and compared. The author is definitely in favor of the theory and notation of Fisher.

Although practically no mathematics is used, methods of calculation of gene frequencies are discussed, and nomograms are given for the calculations of the gene frequencies  $p$  and  $q$  and  $\sigma_D$  for the ABO system.

It is difficult to find vulnerable points to criticize. Probably because of the author's desire to be up to date, earlier work is often skimpily referred to or omitted entirely. For example, the fact that nomograms which do exactly what is claimed for those in

this volume have been constructed by other workers and appear in a number of books (Hirszfeld, Schiff, and Boyd) is not mentioned. Also the book contains a number of misprints; fortunately they are for the most part amusing rather than serious. Thus the author Barbara E. Dodd masquerades through pages and pages as Dood. These are very minor flaws in an otherwise excellent treatise.

This volume serves as a very clear exposition of the present state of the rapidly expanding, subject of blood groups, very modern in outlook and bibliography, which should be useful to all who can read French.

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## New Books

*Le Mécanisme de la Vision des Couleurs: Physiologie—Pathologie.* J. Segal. G. Doin, Paris, 1953. 351 pp. Illus. + colored plate. 3000 fr.

*Great Systems of Yoga.* Ernest Wood. Philosophical Library, New York, 1954. 168 pp. \$3.50.

*Metabolism of Steroid Hormones.* Ralph I. Dorfman and Frank Ungar. Burgess, Minneapolis, Minn., 1953. 170 pp. Illus. \$4.00.

*In Quest of a New Ethics.* Charles Mayer; trans. by Harold A. Larrabee. Beacon Press, Boston, 1954. 321 pp. \$4.00.

*Formaldehyde.* 2nd ed. American Chemical Society Monograph #120. J. Frederic Walker. Reinhold, New York, 1953. 575 pp. Illus. \$12.00.

*Physics: Principles and Applications.* 2nd. ed. Henry Margenau, William W. Watson, and C. G. Montgomery. McGraw-Hill, New York-London, 1953. 814 pp. Illus. \$7.50.

*Modern Electroplating.* Sponsored by the Electrochemical Society, Inc. Allen G. Gray, Ed. Wiley, New York; Chapman & Hall, London, 1953. 563 pp. Illus. \$8.50.

*Organic Chemistry.* 2nd ed. Howard J. Lucas. American Book, New York, 1953. 726 pp. \$7.00.

*Prestressed Concrete.* Y. Guyon. Edited by W. M. Johns; trans. by A. J. Harris, J. D. Harris, and T. O. Lazariades. Wiley, New York; Contractors Record, London, 1953. 543 pp. Illus. \$12.00.

*Clay Mineralogy.* Ralph E. Grim. McGraw-Hill, New York-London, 1953. 384 pp. Illus. \$9.00.

*Enumeratio Spermatophytarum Japonicarum*, Vol. II. A bibliographic enumeration of flowering plants indigenous to or long cultivated in Japan and its adjacent islands. Hiroshi Hara. Iwanami Shoten, Tokyo, 1952. 280 pp. + index of genera. 900 yen.

*Tests and Standards for New and Nonofficial Remedies.* The Chemical Laboratory, American Medical Association. Lippincott, Philadelphia-London, 1953. 327 pp. \$4.00.

*The Dawn of the Post-Modern Era.* Dimensions of human life in the last half of the twentieth century. Elwyn Judson Trueblood. Philosophical Library, New York, 1954. 198 pp. \$3.75.

*Twenty-five Years of Sex Research.* History of the National Research Council Committee for Research in Problems of Sex, 1922-1947. Sophie D. Aberle and George W. Corner. Saunders, Philadelphia-London, 1953. 248 pp.