

ters) on which full references are listed. This is a useful feature in a monograph which naturally contains many references.

Cordfunke has accomplished a needed updating, critical review, and drawing together of the present state of uranium chemistry and its application to technology. A thorough review of the literature (especially European) has provided numerous references for more detailed study. This book provides in concentrated form a wealth of up-to-date information for those pure or applied scientists who are interested in an element that will no doubt have a great impact on the future of mankind. An authoritative addition has been made to the reference library of the uranium chemist.

FRANK M. SCHEITLIN
*Isotopes Division, Oak Ridge National
Laboratory, Oak Ridge, Tennessee*

New Reviews

Advances in Human Genetics. Vol. 1. HENRY HARRIS and KURT HIRSCHHORN, Eds. Plenum, New York, 1970. xii, 340 pp., illus. \$19.50.

Reviews undoubtedly are most useful in those fields to which multiple and diverse disciplines contribute, and particularly in those fields which are on a logarithmic growth curve. Certainly human genetics satisfies this description, and fortunately there has been no shortage of collected reviews. The following are a few of those in the English language: L. S. Penrose and H. L. Brown, Eds., *Recent Advances in Human Genetics* (1961); *British Medical Bulletin* (1961, 1969); A. G. Steinberg and A. G. Bearn, Eds., *Progress in Medical Genetics* (1961, 1962, 1964, 1965, 1967, 1970); A. E. H. Emery, Ed., *Modern Trends in Human Genetics* (1970).

The newest comer to the field of collected reviews contains five contributions in its first volume. John H. Edwards gives a highly complex discussion of the analysis of pedigree data; Orlando J. Miller reviews autoradiography in human cytogenetics; Hugh Fudenberg and Noel L. Warner discuss the genetics of immunoglobulins in mouse, rabbit, and man; Charles R. Sriver and Peter Hechtman review the genetics of membrane transport in man; and Jean Frézal and Jean Rey give a review of the genetics of disorders of

intestinal digestion and absorption. Thus the major areas of human genetics—biochemical genetics, cytogenetics, immunogenetics, statistical and population genetics, clinical genetics—are all represented. The contributors were well selected and they have lived up to their reputations. It is hoped that the high quality of this initial volume will be maintained in future ones.

VICTOR A. MCKUSICK
*Division of Medical Genetics, Johns
Hopkins Hospital, Baltimore, Maryland*

Public Health Monograph

Syphilis and Other Venereal Diseases. WILLIAM J. BROWN, JAMES F. DONOHUE, NORMAN W. AXNICK, JOSEPH H. BLOUNT, NEAL H. EWEN, and OSCAR G. JONES. Harvard University Press, Cambridge, Mass., 1970. xxii, 242 pp., illus. \$6. American Public Health Association Vital and Health Statistics Monographs.

This volume begins with an excellent account of the history of syphilis and the evolution of modern treatment, summarizing many of the longer discussions of the subject. There are chapters on the diagnosis and treatment of syphilis, gonorrhea, and the minor venereal diseases, apparently intended as background material for nonphysician readers. This portion of the book contains a section dealing with relapse in syphilis which might be questioned by modern syphilologists. A chapter on casefinding control measures outlines the development of the methods now in use in the United States. There is an excellent chapter on venereal disease in the military, a subject not often discussed in such treatises. A major portion of the book is devoted to morbidity and mortality. The work of Boeck and Bruusgaard is reviewed in detail. Syphilis mortality in both the congenital and late stages is discussed. The findings are broken down according to age, sex, and geographic distribution. This discussion is documented by approximately 50 pages of statistics on morbidity and mortality in the United States between 1941 and 1966.

This book should be of value to health officers, venereal disease control officers, social workers, and paramedical personnel in all branches of health control.

BRUCE WEBSTER
New York Hospital, New York City

Books Received

Advances in Cancer Research. Vol. 13. George Klein, Sidney Weinhouse, and Alexander Haddow, Eds. Academic Press, New York, 1970. xiv, 440 pp., illus. \$22.

Advances in Enzymology and Related Areas of Molecular Biology. Vol. 33. F. F. Nord, Ed. Interscience (Wiley), New York, 1970. viii, 596 pp., illus. \$21.50.

Advances in Heat Transfer. Vol. 6. James P. Hartnett and Thomas F. Irvine, Jr., Eds. Academic Press, New York, 1970. xii, 578 pp., illus. \$26.

Advances in Hydrosience. Vol. 6. Ven Te Chow. Academic Press, New York, 1970. xvi, 260 pp., illus. \$16.

Advances in Lipid Research. Vol. 8. Rodolfo Paoletti and David Kritchevsky, Eds. Academic Press, New York, 1970. xviii, 470 pp., illus. \$23.

Advances in Machine Tool Design and Research. Proceedings of a conference, Manchester, England, September 1969. S. A. Tobias and F. Koenigsberger, Eds. Pergamon, New York, 1970. viii, 736 pp., illus. \$50.

Advances in Metabolic Disorders. Vol. 4. Rachmiel Levine and Rolf Luft, Eds. Academic Press, New York, 1970. xvi, 364 pp., illus. \$18.

Advances in Quantum Chemistry. Vol. 5. Per-Olov Löwdin. Academic Press, New York, 1970. xvi, 304 pp., illus. \$17.

Die amerikanische Wissenschaftslobby. Zum sozialen und politischen Wandel des Wissenschaftssystems im Prozess der Forschungsplanung. Peter Weingart. Bertelsmann Universitätsverlag, Düsseldorf, 1970. 256 pp., illus. DM 28. Wissenschaftstheorie, Wissenschaftspolitik, Wissenschaftsgeschichte, Band 13.

Analytical Chemistry of Zirconium and Hafnium. Anil K. Mukherji. Pergamon, New York, 1970. xiv, 282 pp., illus. \$12. International Series of Monographs in Analytical Chemistry, vol. 40.

Animal Behavior. V. G. Dethier and Eliot Stellar. Prentice-Hall, Englewood Cliffs, N.J., ed. 3, 1970. viii, 152 pp., illus. Cloth, \$6.95; paper, \$3.25. Foundations of Modern Biology Series.

Annual Reports in Medicinal Chemistry, 1969. Cornelius K. Cain, Scott Childress, Barry Bloom, Koert Gerzon, Irwin Pachter, Charles Smith, and Joseph Cannon, Eds. Academic Press, New York, 1970. xxiv, 378 pp. Paper, \$9.

Annual Review of Astronomy and Astrophysics. Vol. 8. Leo Goldberg, David Layzer, and John G. Phillips, Eds. Annual Reviews, Palo Alto, Calif., 1970. x, 496 pp., illus. \$10.

Applications of Decision Tables. A Reader. Herman McDaniel, Ed. Brandon/Systems, Princeton, N.J., 1970. x, 226 pp., illus. \$9.95.

Applications of Nuclear Physics. J. H. Fremlin. Hart, New York, 1970. xiv, 364 pp., illus. \$15.

An Approach to Physical Science. Supplementary Chapters. PSNS Project Staff. Wiley, New York, 1970. x, 166 pp., illus. Paper, \$3.95.

(Continued on page 1342)