ient and balanced polymorphisms; and (5) Polymorphism for blood groups, transplantation antigens, and serum proteins: incompatibility selection. Chapters 6 through 10 deal with specific aspects of human population genetics, with large implications in related fields, such as, e.g., demography: (6) Genetic demography and natural selection; (7) Inbreeding; (8) Population structure; (9) Quantitative characters, polygenic inheritance, and environmental interactions; (10) The sexual dimorphism. The last two chapters, finally, respectively deal with (11) Human evolution and (12) Eugenics, euphenics, and human welfare, and may prove of large interest to social scientists. These twelve chapters are supplemented by three appendices: (1) Statistics and probability; (2) Segregation and linkage analysis in human pedigrees and the estimation of gene frequencies; and (3) Sample problems.

Beautifully produced, although misprints are not too hardly found, this book is not only essential to any human geneticist, but should as well be recommended to general biologists and social scientists.

PROGRESS IN MEDICAL GENETICS — Volume VIII

Edited by A.G. Steinberg (Cleveland, Ohio) and A.G. Bearn (New York, N.Y.). Grune and Stratton, New York and London 1972. Bound volume; 15 × 22.5 cm; VIII + 320 pages, including tables and illustrations. Author index and subject index. Price: US $ 19.50.

The present volume, no. VIII in this famous series edited by Drs. Steinberg and Bearn with the contributions of leading specialists in the various fields, covers the following topics: (1) Genetic aspects of viral diseases of animals (by F. Fenner); (2) Genes which increase chromosomal instability in somatic cells and predispose to cancer (by J. German); (3) The future of human population genetics (by N.E. Morton); (4) Enzyme defects (by H.N. Kirkman); (5) Prevention of Rh isoimmunization (by C.A. Clarke); (6) Disorders of ganglioside metabolism (by R.O. Brady and E.H. Kolodny); and (7) The genetics of short stature (by Ch.I. Scott, Jr.). Just like previous volumes in the series, this book is of invaluable help to the medical geneticist, and of general medical and biological interest.

HUMANGENETIK — Ein kurzes Handbuch in fünf Bänden — Band 1/4: Blutgruppen

Human Genetics — A Short Handbook in Five Volumes — Volume 1/4: Bloodgroups

Edited by P.E. Becker (Göttingen). Georg Thieme Verlag, Stuttgart 1972. Collaboration of W. Helmhold (Heidelberg), F. Schwarzfischer (München), and F. Vogel (Heidelberg). Bound volume with cover; 17 × 24 cm; XII + 572 pages; 96 illustrations and 318 tables. Subject index. Price: DM 248 (approximately, US $ 83.00).

With this volume, the first part of this monumental handbook, i.e., the one dealing with the genetics of normal human traits, should be completed. (Volume 1/3 is however yet to be published and it is not yet clear what shall differentiate it from the present volume 1/4, its scheduled title appearing to be, « Blood-groups » as well.)

The book is divided into two main parts, the first one dealing with the general aspects and the formal genetics of blood-groups, and the second one dealing with their population-genetic analysis. The latter is followed and supplemented by a very useful appendix of computer tables referring to all studies carried out on possible associations of ABO blood-groups and diseases, in the various countries of the world.