

to 1966 are covered, concerning populations of Eastern Asia and the Pacific; India, Tibet, Pakistan and Ceylon; the Middle East and Europe; North and West Africa; Central and East Africa, and the Americas, for a total of some 125 regions (listed in the Appendix).

Single chapters are devoted to population genetics and selection. The frequencies of abnormal hemoglobins are analyzed in their relation to malaria and interpreted in terms of selection pressures. The genetic theory of balanced polymorphism is further developed.

Well written and printed, although some goodwill is necessary for the interpretation of the geographical maps, this book may be recommended to geneticists, anthropologists and hematologists.

Race and modern science

By Robert E. Kuttner et al. Social Science Press - New York, 1967. Bound volume with jacket of XXX-427 pages. 15×24 cm. \$ 7.95.

Edited by Dr. Kuttner, this is a collection of essays by Anthropologists, Biologist, Sociologists and Psychologists. And it is accordingly divided into four parts.

Part One, on Anthropology, includes the following essays: Race and Anthropology, by B. Lundman; Morphology and the Classification of Race, by J. Czekanowski; Racial Biology of the Bantu of South Africa, by J. D. J. Hofmeyr; Race and the Biological History of Peoples, by I. Schwidetzky.

Part Two, on Biology, includes the following essays: A Study of Racial and Subracial Crossing, by L. Gedda; Race and Heredity, by D. C. Rife; The Races of Man and Human Genetics, by C. P. Oliver; Biochemical Anthropology, by R. E. Kuttner.

Part Three, on Sociology, includes the following essays: Human Society and Genetics, by C. D. Darlington; Race and Sociology, by C. Gini; Evolutionary Theory, Race and Society, by A. J. Gregor; Selective Association of Ethnic Groups, by G. A. Lundberg.

Part Four, on Psychology, includes the

following essays: Race and Culture, by F. Keiter; The Cultural Hypothesis and Psychological Tests, by F. C. J. McGurk; Racial Differences in School Achievement, by R. T. Osborne; Ethnic Groups and the Maze Test, by S. D. Porteus.

These sixteen essays by world's authorities in the various fields provide the book with an actual mine of information which may not only be precious to the specialist but also of interest to the layman.

Chemische Mutagenese an menschlichen Zellen in Kultur. (Chemical mutagenesis in human cells in culture)

By Wolfram Ostertag. Verlag der Akademie der Wissenschaften und der Literatur in Mainz (in Kommission bei Franz Steiner Verlag GMBH, Wiesbaden), 1966. 126 pages, including 34 figures and 32 tables; brochure; 18×25 cm. DM 12. (\$ 3.00 approx.).

This booklet provides a historical sketch of research on mutation and a review of the present status and problems of experimental mutation induced chemically in mammalian and human cell cultures.

Actinomycin D, Proflavine and Anidine, Daunomycine and Cinerubine, Chromomycine A₃, Terramycine, Ethylenimine and Mitomycine, Coffeine and Theophylline are among the principal substances studied in relation to their effects on cell morphology and physiology. Each review is completed by personal research.

This work may prove useful to all geneticists and cytologists interested in the problems of mutation and chemical agents.

Intestinal absorption

Edited by D. H. Smyth. London: British Medical Journal, 23:3, 1967, 95 pages; tables and illustrations; 28×22 cm. £ 1.10 (\$ 3.00 approx.).

The various aspects of intestinal absorption, a subject of great present concern, are carefully examined in the following series of authoritative essays:

Techniques, terminology and parameters in intestinal absorption (J. R. Levin); Methodology: studies on man (H. L. Duthie); Histology and cytochemistry of cells of small intestine (A. G. E. Pearse and E. O. Riecken); Jejunal surface epithelium in idiopathic steatorrhoea (Margot Shiner); Turnover of epithelium of small intestine (Brian Creamer); Membrane transport and intestinal absorption (D. H. Smyth and R. Whittam); Absorption of carbohydrates (H. Nevey); Absorption of proteins (R. B. Fisher); Absorption of fats (A. M. Dawson); Salt and water absorption by the intestinal tract (D. S. Parsons); Absorption of water-soluble vitamins (D. M. Matthews); Intestinal mucosa and iron absorption (Sheila T. Callender); Electrical changes in relation to transport (R. J. C. Barry); Inhibition of intestinal absorption (P. A. Sanford); Compensatory changes in intestinal absorption (R. H. Dowling); Hereditary abnormalities of intestinal absorption (M. D. Milne); Intestinal bacterial flora and absorption (S. Tabaqchali and C. C. Booth).

This booklet provides with a precious and indispensable tool of research all students interested in this now rapidly developing subject.

Anatomische Bildnomenklatur. (Illustrated anatomical nomenclature)

By Heinz Feneis. Georg Thieme Verlag - Stuttgart, 1967. VI-438 pages, including 740 illustrations; washable, flexible cover; 12×19 cm. DM 14.80 (\$ 4.00 approx.).

A very useful catalog of the Nomina Anatomica listed and illustrated systematically for a total of some 5,000 items. A page of drawings corresponds to each page of items, and each item is identified by a serial number which is repeated within the drawing. An alphabetic index and a number of bibliographic

references complete the work. The use of Latin names and the illustration of all items make this book useful to students of any language.

Bioscience

By Robert B. Platt, George K. Reid. Reinhold Publishing Corporation - New York, Amsterdam, 1967. Bound volume of XVI-528 pages including numerous black-and-white illustrations; 20×24 cm. (\$ 10.50).

This impressive textbook of introductory biology appears to be highly concerned with the problems of modern teaching and learning, arising from the actual explosion of biology in recent years, and from people's realizing that a great deal of present and especially future problems we are to face are of biological nature.

An introduction on the "Science of Life", covering basic methods and concepts in Science and Biology, is followed by five main parts:

Part One, on "The Diversity of Life", is an outline of Botany and Zoology;

Part Two deals with the organization and the maintenance of life with respect to the environment living organisms being grouped into populations, communities and ecosystems;

Part Three is concerned with the chemical nature of living matter, form, structure and specialization of cells, and cellular processes;

Part Four reviews the main physiological processes in plants and animals, such as nutrition, growth, reproduction etc.

Part Five gives an account of genetic and evolutionary problems, with some emphasis on the molecular basis of heredity, and on man as the result of the evolutionary process.

A selected, systematic bibliography and a general alphabetic index complete this book, which is highly recommended to all teachers and students concerned with biological problems.