

Book Reviews

Il Divenire Biologico dell'Uomo

Man's Biological Becoming

By C. Corrain (Padova, Italy). Edizioni Calderini - Bologna 1971. Bound volume with cover; 16×23 cm; 493+XV pages; 203 black-and-white illustrations. Subject Index. Price: It. lire 6.000 (US \$ 11.00).

An elegant, neatly printed bound volume, with a jacket designed by Sergio Pozzi and drawings by Giuseppe Barbieri, has just been produced by the Italian publisher Calderini. Its author, Cleto Corrain, is Professor of Anthropology at the University of Padua. This volume of some 500 pages, entitled «Man's Biological Becoming», is completed by a clear and enlightening introduction as well as by a useful subject index.

Professor Corrain's first step is to undertake a rapid review of historical and scientific works related to man, from the «Periplus» of the Phoenician Hanno to the «Histories» of Herodotus, and up to the Eighteenth century, when, from the natural and medical sciences, the science of man stems and starts developing independently.

Although the work is based on the traditional conception of physical anthropology, the various populations reviewed are dealt with, not only from a strictly biological viewpoint, but, more broadly, in a cultural, ethnologic perspective. At a time when excessive specialization and partitioning of studies is the rule, Professor Corrain's work — the result of a sound scientific and cultural preparation — provides instead a complete and organic synthesis.

Chapter 1 deals with somatic traits and the techniques and most sophisticated instruments for their examination; chapter 2, with the variability of human traits measured by means of statistical techniques; and chap-

ter 3, with the study of the factors of such variability, namely, heredity and environment. Chapters 4 and 5 deal with sexual dimorphism and somatic growth, while chapters 6 and 7 stress the comparative importance of certain somatic and physiologic traits. In chapter 8, all living populations are classified. Finally, the last three chapters are devoted to primatology and human paleontology, and a synthesis of chronology and palethnology is also provided.

New light is thrown on the most recent theories thanks to these comparisons between modern and ancient humans and between the latter and fossils of other primates, as well as among present populations according to the different heredity, the different environments, and, within the same population, between different ages and sexes.

This complete and exhaustive picture is also presented in a simple and neat style, so that the book may be interesting and of use to the scientist as well as the layman.

GIANGARLO ALCIATI

The Genetics Markers of Human Immunoglobulins

By R. Grubb. Springer-Verlag, Berlin-Heidelberg-New York 1970. Volume 9 in the series, Molecular Biology, Biochemistry, and Biophysics, edited by A. Kleinzeller (Philadelphia), G. F. Springer (Evanston), and H. G. Wittmann (Berlin). Bound volume; 24×17 cm; XII+152 pages; 8 black-and-white illustrations. Subject Index. Price: US \$ 11.60.

This new monograph in the Springer-Verlag series on molecular biology deals with the following subjects: basic data concerning genetic human immunoglobulin markers; interpretation of immunological concepts and of notational terms in structural concepts,

formal genetics of the Gm and Inv systems, human anti-human gammaglobulins, genetic Ig factors and tolerance, immunoglobulin polymorphism as an example of molecular differentiation in microorganisms, selection and control of immunoglobulin structure. An appendix follows with a compilation of data concerning genetic factors of human immunoglobulins.

Current Topics in Microbiology and Immunology — Volume 49

Edited by W. Arber (Genève), W. Braun (New Brunswick), F. Cramer (Göttingen), R. Haas (Freiburg), W. Henle (Philadelphia), P. H. Hofschneider (München), N. K. Jerne (Basel), P. Koldovski (Prague), H. Koprowski (Philadelphia), O. Maaløe, (Copenhagen), R. Rott (Giessen), H.-G. Schweiger (Wilhelmshaven), M. Sela (Rehovoth), L. Syruček (Prague), P. K. Vogt (Seattle), and E. Wecker (Würzburg).

- B. ROIZMAN: The Herpesviruses — A Biochemical Definition of the Group.
- T. MAKINODAN, T. SADO, D. L. GROVES, and G. PRICE: Growth Patterns of Antibody-Forming Cell Populations.
- J. IVÁNYI and J. ČERNÝ: The Significance of the Dose of Antigen in Immunity and Tolerance.
- ANTOINETTE RYTER: Structure and Functions of Mesosomes of Gram Positive Bacteria.
- T. A. JUKES: Recent Problems in the Genetic Code.

The Immunochemistry and Biochemistry of Connective Tissue and its Disease States

Edited by J. Rotstein (New York). S. Karger, Basel-München-New York 1970. With contributions by C. D. Angevine (Boston), K. J. Bloch (Boston), M. D. Cooper (Birmingham, Alabama), V. Eisen (London), R. A. Good (Minneapolis), W. L. Norton (Memphis), R. D. A. Peterson (Chicago), L. Rosenberg (New York), and M. Schubert (New York). Volume 3 in the series, Rheumatology: An Annual

Review. Bound volume with cover; 24×17 cm; VIII+228 pages; 10 black-and-white illustrations; 2 tables. Subject Index. Price: US \$ 16.20.

Medizinische Genetik - Grundlagen, Ergebnisse und Probleme — Zweite neubearbeitete Auflage

Medical Genetics — Fundamentals, Results, and Problems — Second Edition, Revised

By Widukind Lenz (Münster). Georg Thieme Verlag, Stuttgart 1970. First edition 1960; English edition 1963. Paperback; 19×12 cm; XII+308 pages; 84 black-and-white illustrations, 67 tables. Subject Index. Price: DM 9.80 (approximately, US \$ 3.50).

Genetik und Nosologie der neuralen Muskelatrophien — Ein Untersuchungs- und Forschungsmodell der Medizinischen Genetik

Genetics and Nosology of Neural Muscular Atrophies — A Research Model in Medical Genetics

By Siegfried Lietz (Greifswald) and Bernhard Wittwer (Magdeburg). Veb Gustav Fischer Verlag, Jena 1969. Volume 37 in the Series of Monographs in Psychiatry and Neurology (Sammlung zwangloser Abhandlungen aus dem Gebiete der Psychiatrie und Neurologie — Heft 37). Paperback; 14×21 cm; 228 pages; 35 black-and-white illustrations, 9 schemes, 1 appended pedigree, and 17 tables. Subject Index. Price: 28.80 MDN (approximately, US \$ 11.50).

La Mort et les Transplantations d'Organes

Death and Transplantation of Organs

General report to the VIII Congress of the International Academy of Forensic and Social Medicine, Opatija (Yugoslavia), 1-4 October 1970. Series of Monographs Zaccchia, Rome 1971. Paperback, 24×17 cm; 100 pages. Price: L. 3,000 (approximately, US \$ 5.00).

LA CONSTATATION DE LA MORT

The Ascertainment of Death

By Cesare Gerin and Silvio Merli (Rome)

LES PROBLÈMES DÉONTOLOGIQUES DE LA TRANSPLANTATION

The Deontological Problems of Transplantation

By Mauro Barni and Tullio Di Perri (Siena)

**Analogue of Nucleic Acid Components
— Mechanisms of Action**

By P. Roy-Burman (Los Angeles). Springer-Verlag, Berlin-Heidelberg-New York 1970. Volume 25 in the series, Recent Results in Cancer Research, edited by Rentchnick (Geneva) and a board of international specialists. Bound volume; 24 × 16 cm; XII + 112 pages; 41 black-and-white illustrations. Subject Index.

Probiotics

Edited by George S. Sperti (Cincinnati). The Avi Publishing Company, Inc., Westport (Connecticut) 1971. Bound volume; 23 × 15 cm; X + 122 pages; 18 black-and-white illustrations; 63 tables.

Subject Index. Price: US \$ 20.50 (21.50 in countries other than the US).

**Statistische Methoden - Ein Soforthelfer
Statistical Methods — A quick-reference book**

By Lothar Sachs (Kiel). Springer Verlag, Berlin-Heidelberg-New York 1970. Paperback; 18 × 11 cm; XII + 104 pages; 5 black-and-white illustrations (graphs), 25 tables, and 1 special plate. Price: DM 8.80 (approximately, US \$ 3.00).

Anatomisches Bildwörterbuch der internationalen Nomenklatur — Zweite bearbeitete Auflage

Illustrated Anatomical Dictionary of International Nomenclature — Second Edition, Revised

By Heinz Feneis (Tübingen). Georg Thieme Verlag, Stuttgart 1970. First edition 1967. Paperback; 19 × 12 cm; VI + 442 pages; 740 original drawings by Gerhard Spitzer. Approximately 6,500 entries. General Index. Price: DM 14.80 (approximately, US \$ 5.00).