

Philosophy of Science

VOL. 9 October, 1942 NO. 4



CONTENTS

Living Systems and Non-living Systems. Ralph S. Lillie - - - - -	307
Coherence in the Physical World. Gustaf Strömberg - - - - -	323
Conventionalism in Geometry and the Interpre- tation of Necessary Statements. Max Block - - - - -	335
Operationalism: Idealism or Realism? Frank E. Hartung - - - - -	350
Usages of the Term 'Social.' Barbara K. Bowdery	356
Syllogistic Logic in Linear Notation. Samuel M. Thompson - - - - -	362
The Indexical and the Presentative Functions of Signs. Willis Moore - - - - -	367
R-Systems Versus Psychological Spaces. Robert Francis Creegan - - - - -	376

Copyright 1942, The Williams & Wilkins Company

Second Edition

PROBLEMS OF AGEING

Biological & Medical Aspects

EDITED BY

Edmund Vincent Cowdry, Ph.D.

Professor of Anatomy, Washington University; Director of Research, Barnard Free Skin and Cancer Hospital, St. Louis, Missouri.

The immediate success and continued usefulness of the original edition of the book was due to the fact that it amalgamated research along many lines into a unified attack.

Improved in its new edition, it clarifies the problems of ageing from a broader perspective and presents a large number of fresh approaches and new explorations.

It is indispensable

to the physician and the psychologist who must understand the processes that constitute ageing in order to treat the aged patient effectively,

to the sociologist who needs the criterion of biologic age for better solution of cultural, familial, civil, national and economic problems,

to those who study the biology of senescence by anatomical, physiologic, biochemical approaches.

972 pages, 129 illustrations; \$10.00

Chapters and Contributors

Ageing in Plants. *William Crocker*
Senescence and Death in Protozoa and Invertebrates. *H. S. Jennings*
Ageing of Insects. *L. O. Howard*
Ageing of Vertebrates. *T. Wingate Todd*
Human Cultural Levels. *Clark Wissler*
Longevity in Retrospect and in Prospect. *Louis I. Dublin*
Cardiovascular System and Blood. *Alfred E. Cohn*
Lymphatic Tissue. *E. B. Krumbhaar*
Respiratory System. *C. C. Macklin and Madge T. Macklin*
Digestive System. *A. C. Ivy*
Urinary System. *Jean R. Oliver*
Skeleton and Locomotor System. *T. Wingate Todd*
Teeth and Jaws. *Hamilton B. G. Robinson, Leroy R. Boling, and Benno E. Lischer*
Ageing of the Skin. *F. D. Weidman*
The Thyroid, Pancreatic Islets, Parathyroids, Adrenals, Thymus and Pituitary. *A. J. Carlson*
Female Reproductive System. *Edgar Allen*
The Testes and Hormones. *Earl T. Engle*
Male Secondary Sexual Organs. *Robert A. Moore*
Ageing of the Nervous System. *Macdonald Critchley*
The Eye. *Jonas S. Friedenwald*
The Ear. *Stacy R. Guild*
Ageing of Homeostatic Mechanisms. *Walter B. Cannon*
Ageing of Tissue Fluids. *E. V. Cowdry*
Ageing of Individual Cells. *E. V. Cowdry*
Ageing Processes Considered in Relation to Tissue Susceptibility and Resistance. *W. deB. MacNider*
Chemical Aspects and the Effect of Diet upon Ageing. *C. M. McCay*
Histochemical Changes in Ageing. *Oliver H. Lowry*
Psychological Aspects of Ageing. *Walter R. Miles*
Psychological Guidance for Older Persons. *George Lawton*
Changes in Personality and Psychosexual Phenomena with Age. *G. V. Hamilton*
Ageing from the Point of View of the Clinician. *Lewellys F. Barker*
Diagnosis, Prophylaxis and Treatment in Old Age. *Albert Mueller-Deham*
Social Urgency for Research. *Edw. J. Stieglitz*
Historical Retrospect (Quotations). *C. M. McCay*

THE WILLIAMS & WILKINS COMPANY, Baltimore, Maryland