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Title: The Natural History Museum at South Kensington - A History of the British Museum (Natural History) 1753 - 1980 by William T. Stearn

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The revolutionary changes in cosmological and geological thought during this century are reflected in the sections on the origin of the Earth, and on continental drift and plate tectonics. Controversial hypotheses, such as that of an expanding Earth, which still require further testing and evaluation, are included. Apart from those essays which review the background to continental drift, biogeographers should be interested especially in the later chapters on Mesozoic and Cenozoic palaeogeography which provide a framework for the study of present-day distributions.

The second volume - *The Evolving Biosphere* - is necessarily more selective and less comprehensive than its companion since its scope is potentially greater. It is concerned with the mechanisms and interactions which produce and account for the diversity, coexistence, coevolution and distribution of plants and animals in the world today. There is naturally much emphasis on speciation, the basic process underlying these phenomena, and the one subject not discussed in the *Origin of Species* since nothing was known in Darwin's day of the possible mechanisms involved. The arrangement of these essays is essentially similar to that followed by Darwin in '*The Origin*', thus serving to underline changes in thinking on evolution and evolutionary processes since the mid-nineteenth century.

Major problems, both philosophical and practical, which still hinder our understanding of evolution are not avoided. The contributions show the diversity of interpretation and opinion held by students of evolution, and highlight the dynamic state of modern evolutionary biology. They also show how taxonomists have contributed to the advance and interpretations of evolutionary theory, and how in turn a deeper appreciation of evolutionary processes, and hence of phylogeny, has influenced taxonomic theory and the practice of classification.

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The above notes are from the foreword by Dr. R. H. Hedley, the Director of the Natural History Museum. Twenty-one members of staff of the museum have contributed to this book whose contents are shown on the next page. It describes some of the ways in which the Earth's biosphere has evolved to its present level of complexity and diversity. The first section is concerned with the fundamental unit in biology, the species, and the mechanisms of speciation; the second deals with the interaction between species (and other taxa) and the last with biogeography. Although a paperback the book is stitched in sections and may repay being casebound to withstand heavy use to which it may well be put. It is a fascinating collection of topical accounts of current thinking by taxonomists and evolutionists working in our foremost institution for such studies.

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The Natural History Museum at South Kensington - A History of the British Museum (Natural History) 1753-1980 by William T. Stearn.

£9.95, Heinemann in association with the BM(NH); 414 pages.

It's all here - the friction between personalities, the difficulties experienced by the Directors and staff over the years, the changing style and fashion both in the public eye and behind the scenes. The growth of the collections and the individual stamp of the Keepers and other staff, as seen in the development of one of the most famous museums in the world, are all dissected and commented on by Professor Stearn. This is a book notice, not a review, so all I can say is that I believe everyone should have a copy and will undoubtedly profit from reading it. As a paper back, albeit a bulky one, it could have been a little less expensive although it is stitched in sections so there is no chance of any pages dropping out if handled excessively.

# Contents

## Species and speciation

### Chapter 1

Geographical variation, races and subspecies

*R. P. Lane and J. E. Marshall*

### Chapter 2

Semispecies, sibling species and superspecies

*G. B. White*

### Chapter 3

The allopatric model of speciation with special reference to birds

*D. W. Snow*

### Chapter 4

Speciation in the face of gene flow – sympatric–parapatric speciation

*P. M. Hammond*

### Chapter 5

The origin and development of reproductive barriers

*P. M. Hammond*

### Chapter 6

Species-flocks and explosive evolution

*P. H. Greenwood*

### Chapter 7

Species, sex and parthenogenesis in aphids

*R. L. Blackman*

### Chapter 8

Polyploidy and its evolutionary significance

*M. Gibby*

## Coexistence and coevolution

### Chapter 9

The tropical high diversity enigma – the corals' eye view

*B. R. Rosen*

### Chapter 10

Coexistence and predation in aquatic microbial communities

*C. R. Curds*

### Chapter 11

Community structure and resource partitioning – the plankton

*G. A. Boxshall*

### Chapter 12

Mimicry and its unknown ecological consequences

*R. I. Vane-Wright*

### Chapter 13

Coevolution of birds and plants

*D. W. Snow*

### Chapter 14

Coevolution of plants and insects

*V. F. Eastop*

### Chapter 15

Coevolution of digeneans and molluscs, with special reference to schistosomes and their intermediate hosts

*C. A. Wright and V. R. Southgate*

### Chapter 16

Meiofaunal dynamics and the origin of the metazoa

*H. M. Platt*

Chapter 17 Competition, evolutionary change and montane distributions

*E. N. Arnold*

### Chapter 18

The evolution of predators in the late Cretaceous and their ecological significance

*J. D. Taylor*

## Biogeography

### Chapter 19

The land snails of islands – a dispersalist's viewpoint

*J. F. Peake*

### Chapter 20

The development of the North American fish fauna – a problem of historical biogeography

*C. Patterson*

### Chapter 21

Biogeographical methods and the southern beeches

*C. J. Humphries*

Index of organisms

Subject index

SEEN ANY URTICA DIOICA LATELY ?

