

# THE HANDLING OF CHROMOSOMES

by  
C. D. Darlington, F.R.S.  
and  
L. F. La Cour

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*By Dr. Darlington*

Chromosomes and Plant Breeding

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WOKING

To  
JOHN BELLING

1866-1933

*whose ingenious invention  
brought the chromosomes within  
reach of every enquirer*



## PREFACE

The cells of all plants and animals, with a few obscure exceptions, are organized and controlled by a visible body, the nucleus. This nucleus consists of permanent hereditary structures, the chromosomes, which themselves can be made visible by simple treatments. Our purpose in this book is to describe such treatments. We have attempted to cover all the steps from dissecting the first animal or plant to drawing the last diagram. The result should in the first place serve teachers and students in school and university. But, since the methods we describe are mostly the fruit of the last ten years' ripening, they should not come amiss to workers in the many branches of research for which the handling of chromosomes has now become useful or perhaps even necessary.

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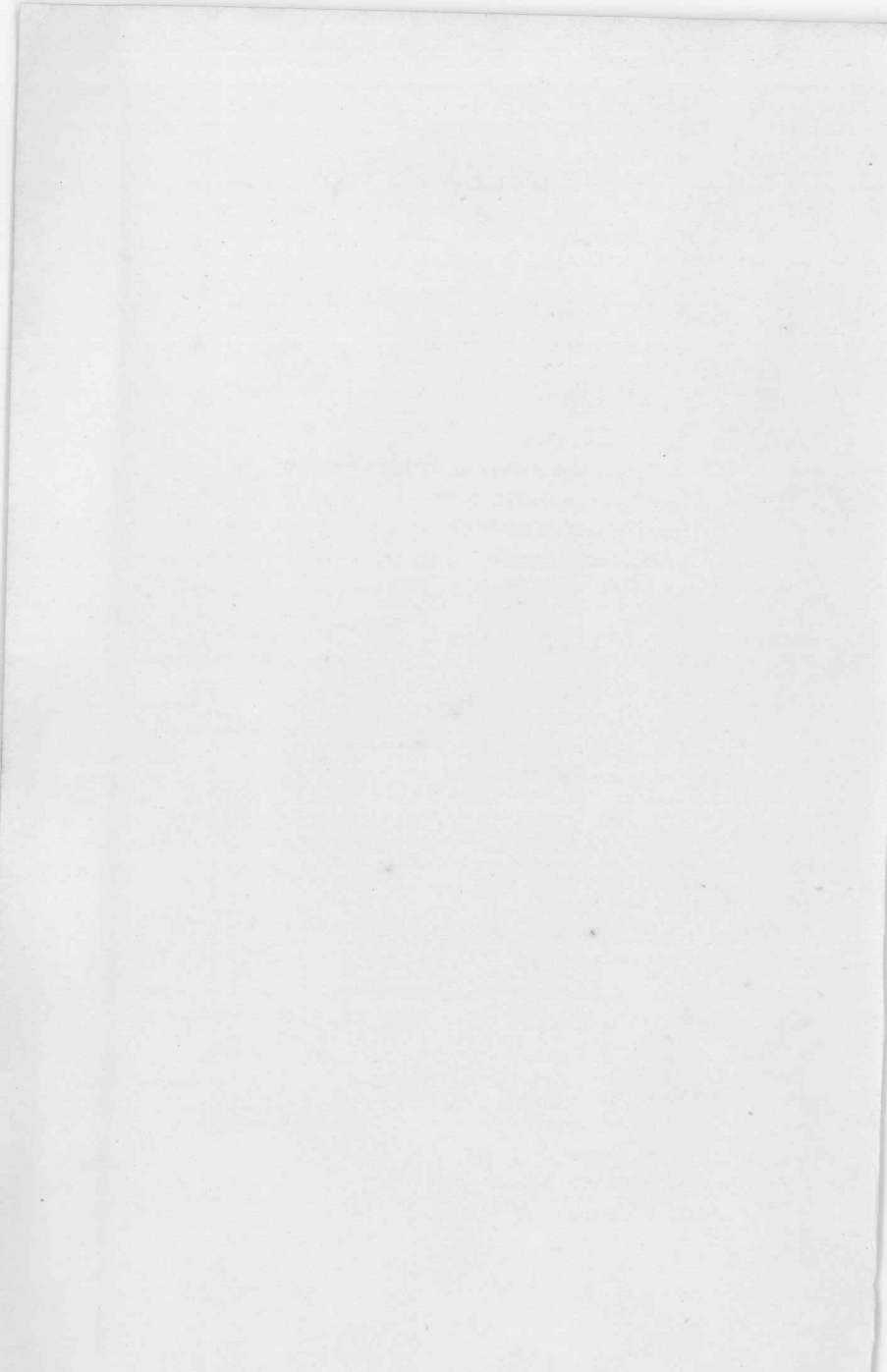
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The co-existence of the most wonderful success  
with the most profound ignorance is one of the  
characteristic features of present day biology.

*Szent-Györgi (1940)*