

PREFACE

The aim of this book is to emphasise the importance of understanding the *principles* of biology rather than to be a separate study of plant and animal *types*. The approach includes an elementary treatment of the chemistry, physics and mathematics essential to a proper understanding of biological *processes*. For additional exercises in answering questions, the reader is referred to the author's *Multiple Choice Questions in Biology and Human Biology* published by Heinemann Educational Books.

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The illustration of a white blood cell engulfing a bacterium which appears on the front of the dust jacket and cover was photographed with phase contrast by Gene Cox of Trowbridge and the publishers are grateful for permission to use it here.

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