

CONTENTS

<i>List of Figures</i>	7
<i>Editorial Foreword</i> by Michael Abercrombie	9
<i>Preface</i>	11
1. <i>Adaptation</i>	15
2. <i>The Theory of Natural Selection</i>	28
3. <i>Heredity</i>	42
4. <i>Variation</i>	67
5. <i>Artificial Selection: Some Experiments with Fruitflies</i>	83
6. <i>The Origins of New Variation</i>	103
7. <i>Natural Selection in Wild Populations</i>	121
8. <i>The Evolution of Sex</i>	138
9. <i>What are Species?</i>	152
10. <i>The Origins of Species</i>	166
11. <i>What keeps Species Distinct?</i>	180
12. <i>The Genetics of Species Differences</i>	191
13. <i>Patterns of Evolution: I. The Importance of Population Structure</i>	213
14. <i>Patterns of Evolution: II. The Fossil Evidence</i>	231
15. <i>The Origins of Major Groups: I. The Evidence from Embryology</i>	263
16. <i>The Origins of Major Groups: II. Adaptation and Adaptability</i>	276
17. <i>Evolution and History</i>	290
<i>Further Reading</i>	307
<i>Glossary</i>	308
<i>Bibliography</i>	311
<i>Index</i>	315