

CONTENTS

Introduction	1
1. The Cell	5
<i>Biology's Atom</i>	
2. The Gene	15
<i>The Test of Time</i>	
3. Evolution by Natural Selection	39
<i>Chance and Necessity</i>	
4. Life as Chemistry	55
<i>Order from Chaos</i>	
5. Life as Information	81
<i>Working as a Whole</i>	
Changing the World	109
What Is Life?	127
Acknowledgements	145