

Contents

Acknowledgements xv

List of illustrations xvii

- 1 What is science? 1
 - 2 Scientific inference 16
 - 3 Explanation in science 36
 - 4 Realism and anti-realism 54
 - 5 Scientific change and scientific revolutions 71
 - 6 Philosophical problems in physics, biology,
and psychology 89
 - 7 Science and its critics 113
- Further reading 131
- Index 137