Contents

Foreword iii
Photo Ark x
Preface xi
Acknowledgements xii
Introduction – of beetles, people and zoos xiii
Terminology xix

1 Introduction to applied ethics and zoos 1
Book outline 2

2 The modern zoo 9
Introduction 9
Definition of zoos 10
The history of zoos 11
Ownership models 15
Quality of zoo operations 17
Zoo animals 18
Enclosure design and development 28
Visitors 29
Education 31
Conservation 31
Well-run modern zoos 35

3 The moral disquiet with zoos 41
Introduction 41
Public commentary 43
Non-government organisations and interest groups 44
Books and publications 45
Documentaries 46
Ethical discussions 47
Moral consideration of animals 48
Pressure to change 50
Response to ethical concerns 53
A case to be answered 56

4 Animal welfare 61
Introduction 61
Current conception of animal welfare 64
Pain and suffering 67
The humane treatment principle 68
The self-actualisation of animals 73
Animal welfare in zoos 75
Containing complex animals 82
Positive animal welfare in zoos 84

5 Animal rights beyond welfare 91
Introduction 91
Animal rights 92
Animal rights beyond welfare 101
Animal rights and zoos 110
Rights beyond welfare based on Interest Theory 117

6 Consequentialism 123
Introduction 123
Consequentialism 124
Consequentialism and zoos 126
Experiential outcomes 128
Increasing net value 135
The consequences are positive 136

7 Virtue theory 139
Introduction 139
Virtue theory 140
Virtues and zoos 142
Zoo people 144
The great moral virtues and zoos 148
Zoos and virtue ethics 163
8 Environmental ethics 169
   Introduction 169
   Environmental ethics 171
   The extinction crisis 179
   Compassionate conservation 180
   Conservation zoos 181
   Challenges for zoos 192
   Preserving the integrity, stability and beauty of the biotic community 194

9 Conclusion 199
   To operate a zoo ethically 202
   A practical example – taking dolphins from the wild 204
   Wider implications 206
   Future work 207
   Final thoughts 208

Wicked problems 211
   Further reading 227

Index 230