

Contents

Section I

The Long Walk to Freedom:

| | |
|--|----|
| the Developing Story of the Scientific Worldview | 1 |
| 1 Introducing the long walk to freedom | 3 |
| 2 Metaphysics and chocolate | 9 |
| 3 The ticking clock | 15 |
| 4 The indeterminate universe | 19 |
| 5 Unity and uniqueness | 21 |
| 6 Is there no thing at all? | 27 |
| 7 Darwin and evolution: another sort of science | 31 |
| 8 Messiness is next to openness | 33 |

Section II

| | |
|--|----|
| Process Complexity | 37 |
| 9 Introducing process complexity | 39 |
| 10 A complex view of process | 45 |
| 11 The essential conditions for complexity | 51 |
| 12 Characteristically complex | 57 |
| 13 Systemic: aspects of process complexity (1) | 61 |
| 14 Patterned: aspects of process complexity (2) | 67 |
| 15 Path-dependent: aspects of process complexity (3) | 73 |
| 16 Particular: aspects of process complexity (4) | 79 |
| 17 Punctuated: aspects of process complexity (5) | 81 |
| 18 Paradoxical: aspects of process complexity (6) | 85 |
| 19 Emergent: aspects of process complexity (7) | 87 |

Section III

| | |
|---|-----------|
| Daoist Cosmology: a Better Way? | 93 |
| 20 Introducing Daoist cosmology: a better way? | 95 |
| 21 The missionary position | 99 |
| 22 Yes, we have no cosmos: uniqueness not unity | 101 |
| 23 Everything flows | 103 |
| 24 We are all in the soup | 109 |
| 25 Making this life significant | 111 |
| 26 Trust natural harmony | 113 |
| 27 To find the cracks, take in the whole | 115 |
| 28 Mutual entailing: me for you, and you for me | 117 |
| 29 It's experience that counts | 119 |

Section IV

| | |
|--|------------|
| Other Resonant Perspectives | 121 |
| 30 Introducing other resonant perspectives | 123 |
| 31 The raw and the cooked of complexity | 125 |
| 32 Different flavours of complexity | 133 |
| 33 Process sociology | 137 |
| 34 Pragmatism | 141 |
| 35 Process philosophies | 145 |

Section V

| | |
|---|------------|
| On Experiential Knowing in a Complex World | 151 |
| 36 Introducing experiential knowing | 153 |
| 37 On the subject of subjectivity | 159 |
| 38 The sounds of silence | 161 |
| 39 Artful art | 165 |

| | |
|--|------------|
| 40 Wholesome fare | 171 |
| 41 From morning twilight comes the dawn | 175 |
| 42 Staying with the trouble | 179 |
| Section VI | |
| Becoming Ourselves | 183 |
| 43 Introducing becoming ourselves | 185 |
| 44 Brain science | 189 |
| 45 I've looked at life from both sides now | 193 |
| 46 Shadows from the past | 199 |
| 47 Riding on Gestalt cycles | 205 |
| 48 The life that I have is all that I have | 209 |
| Section VII | |
| Perspectives on Organisational Practice | 213 |
| 49 Introducing perspectives on organisational practice | 215 |
| VII (a) The Pernicious Power of Machine Thinking | 219 |
| 50 Start with the 'hard case' not with Norm | 221 |
| 51 Are we trying to turn machines into people or people into machines? | 225 |
| 52 Bending the rules | 229 |
| 53 Cranking up control or engendering trust? | 231 |
| VII (b) Embrace the Whole Picture | 235 |
| 54 Thyme for a Sage? | 237 |
| 55 Simplicity on the other side of complexity | 239 |
| 56 Strategy in context | 241 |

| | |
|--|------------|
| VII (c) It all Depends | 247 |
| 57 The art of systemic change | 249 |
| 58 The sagacity of leadership in complexity | 253 |
| 59 Organisation: the shape of things to come | 257 |
| VII (d) It's neither One Thing nor the Other | 261 |
| 60 Paradox, polar opposites and the middle ground | 263 |
| 61 Let one hundred flowers bloom | 267 |
| 62 Abandon hope all ye who enter here? | 269 |
| 63 Seeing the world through new eyes: some simple approaches | 273 |
| Section VIII | |
| On the Global | 277 |
| 64 Introducing on the global: world without end? | 279 |
| 65 It's only make-believe | 285 |
| 66 Our home, the earth | 289 |
| 67 Run, run, run, run, runaway | 291 |
| 68 Free markets: free for whom? | 295 |
| 69 Does the economy <i>have</i> to be predicated on growth? | 303 |
| 70 Who got the power? I got the power | 307 |
| 71 In the face of a polycrisis, what should we do? | 319 |
| Appendix | 327 |
| 72 Science and indeterminism | 329 |
| 73 Smoke and mirrors: the paradox of quantum physics | 337 |

| | |
|-----------------------------|-----|
| Endnotes | 345 |
| Glossary | 377 |
| List of Illustrations | 383 |
| Bibliography | 385 |
| Index | 395 |
| About the Author | 399 |

