

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