Contents

	Foreword by Raoul Martinez	xi
1.	The Might of Memory	1
	Authority and humility	7
	PAST	
2.	Separation	15
	Relinquishing a way of thinking.	18
	Making connections	20
	From machines to organisms	21
	Looking forward	23
3.	Origins	27
	Beginnings	28
4.	Colonialism: The Acceleration	33
	The impact on nature	34
	The impact on peoples	40
	Work and slavery	42
	The destruction of memory	46
	Colonialism within countries.	49
	A Cold War consensus	52
	Violence and technology	57
	Neocolonialism: The metabolism of misery	59
5.	Fossil Fuels, Furious Flames	63
	The exceptionality of fossil fuels	65
	Black gold: The story of petroleum	69

viii CONTENTS

	Oil and power	72
	The deceit and the delay	74
	Recovering our historical memory	76
6.	Human Nature or Human Ignorance?	77
	What human nature?	78
	The myth of collapse	81
	A history of knowledge and ignorance	83
	Institutions and discussions	85
	Laws and actions	87
	Climate change and human influence	89
	The impotence of knowledge	92
	Science as a way of thinking	93
	Science's contemporary challenges	97
	Thinking ahead	100
	PRESENT	
7.	The Great Burning	109
	Atmospheric basics	110
	Knowing climate change	112
	What we don't know: Uncertainty and humility	113
	Interpreting uncertainty	116
8.	Understanding Emissions:	
	Where, Who, What, When and How	119
	Where: Types of emissions	119
	Who: Emissions and authorship	121
	What: Temperatures and targets	125
	When: Too little, too late	126
	How: The carbon budget and the roadmap	130
	Literacy and ambition	132
9.	The Poverty of Wealth: Economics and Ecology	137
	Metabolism	139
	Prosperity	142

	CONTENTS	12
	The true costs	. 144
	Routes ahead	. 145
10.	The World at 1°C: A Guide to Climate Violence	. 147
	Extreme weather and climate conditions	. 149
	The inequality of exposure	. 151
	Social conditions	. 152
	Climate violence and you	. 154
	Poverties, strictures and precarities	. 155
	A story we can't tell	. 160
	FUTURE	
11.	A Plausible Future: Approaching Apocalypse	. 167
	Trendlines	. 168
	Health	. 171
	New horizons of heat	. 173
	Adaptation and loss	. 176
	Blame and opportunism	. 178
	Ecological conflict	. 180
	A world beyond 4°C	. 182
	Reactions and responses	. 184
12.	A Possible Future: The World We Can Win	. 185
	Solutions in a complex world	. 188
	Connection	. 188
	Humility	. 189
	Radicalism not romanticism	. 192
	Avoiding false solutions	. 194
	Democracy, diversity and accountability	. 197
	The paradox of pace	. 201
	The business of boldness	. 202
13.	A Mosaic of Alternatives	. 205
	An economy of life	. 205
	Instico	210

x • Contents

	Nourishment	212
	The commons	219
	Energy	220
	Dismantling hierarchy	226
	Care	227
	Restoration	229
	Adaptation	231
	Education and culture	234
	Healing	237
	Reconstruction: Cities and space	239
14.	What Then Must We Do?	241
	Stepping into the sea	243
	Connection and solidarity	246
	Communication	247
	Ordinary hope	249
15.	Hope, A Horizon	253
	Acknowledgments	259
	Notes	261
	Index	311
	About the Author	323
	About New Society Publishers	324