

Contents

Prefatory Note	viii
Note on Citations	ix
PARADISE REGAINED	
I The Ionian Revival	3
(a) <i>A few depressing facts</i>	3
(b) <i>Empedocles' cosmic cycles</i>	6
(c) <i>Four blind alleys</i>	11
(d) <i>Five through roads</i>	14
II Anaxagoras and the Nature of Stuff	16
(a) <i>Outlines of Anaxagoreanism</i>	16
(b) <i>The nature of things</i>	18
(c) <i>The seeds of the world</i>	21
(d) <i>Elements and compounds</i>	24
(e) <i>Inherent powers</i>	28
(f) <i>Anaxagoras and infinity</i>	33
(g) <i>The vortex</i>	37
III The Corpuscularian Hypothesis	40
(a) <i>The origins of atomism</i>	40
(b) <i>Atoms characterized</i>	44
(c) <i>Fractured atoms?</i>	50
(d) <i>Bodies without number</i>	58
(e) <i>Infinite variety</i>	61
(f) <i>Atomic weight and motion</i>	63
(g) <i>Atomic indifference</i>	66
(h) <i>The status of sensible qualities</i>	68
(i) <i>The philosophy of Abdera</i>	75

IV	Philolaus and the Formal Cause	76
	(a) <i>Pythagorean numerology</i>	76
	(b) <i>The philosophy of Philolaus</i>	81
	(c) <i>Shape and number</i>	85
	(d) <i>The harmony of things</i>	90
V	The Logic of Locomotion	95
	(a) <i>Empedocles and antiperistasis</i>	95
	(b) <i>The Atomists and the void</i>	100
	(c) <i>Anaxagoras and mind</i>	103
	(d) <i>Causas cognoscere rerum</i>	110
	(e) <i>Agents and purposes</i>	112
	(f) <i>Chance and necessity</i>	116
VI	The Neo-Ionian World Picture	125
	(a) <i>Scientific explanation</i>	125
	(b) <i>Locomotion</i>	130
	(c) <i>Alteration</i>	131
	(d) <i>Generation</i>	134
	(e) <i>Ontology</i>	140
VII	The Sophists	146
	(a) <i>Anthropology</i>	146
	(b) <i>The origins of atheism</i>	149
	(c) <i>The aetiology of religious beliefs</i>	154
	(d) <i>Poetics</i>	160
	(e) <i>Language and nature</i>	164
	(f) <i>Gorgias on communication</i>	168
VIII	De Anima	170
	(a) <i>Material beginnings</i>	170
	(b) <i>Empedoclean psychology</i>	175
	(c) <i>The soul as harmony</i>	186
	(d) <i>Metempsychosis and immortality</i>	190
	(e) <i>Was Empedocles a centaur?</i>	193
	(f) <i>The whirligig of time</i>	199
IX	Conduct Unbecoming	206
	(a) <i>Antiphon and moral anarchy</i>	206
	(b) <i>The Dissoi Logoi and moral relativism</i>	214
	(c) <i>Gorgias and moral irresponsibility</i>	221
	(d) <i>Democritean ethics</i>	228
X	The Bounds of Knowledge	234
	(a) <i>Neo-Ionian empiricism</i>	234
	(b) <i>Protagoras: man the measure</i>	239

CONTENTS

(c) <i>Knowledge and relativity</i>	243
(d) <i>'Isonomia'</i>	251
(e) <i>Democritean scepticism</i>	257

EPILOGUE

XI The Last of the Line	265
(a) <i>Diogenes the eclectic</i>	265
(b) <i>Monism revived</i>	269
(c) <i>The matter of the universe</i>	272
(d) <i>Immanent will and its designs</i>	274
Appendix A Sources	282
Appendix B Chronology	290
Notes	292
Bibliography	317
Indexes (i) Passages	334
(ii) Persons	340
(iii) Topics	344
Concordance	347