## BERTRAND RUSSELL

# A Fresh Look at Empiricism 1927–42

Edited by John G. Slater with the assistance of Peter Köllner



### Contents

	Abbreviations	xii
	Introduction	xiii
	Acknowledgements	xxvii
	Chronology	xxxi
	PART I. AUTOBIOGRAPHICAL WRITINGS	
1	Things That Have Moulded Me [1927]	3
2	How I Came By My Creed [1929]	IO
3	My Religious Reminiscences [1938]	20
	PART II. HISTORY AND PHILOSOPHY OF SCIENCE	
4	Events, Matter, and Mind [1927]	29
5	Had Newton Never Lived [1927]	33
6	Einstein [1928]	38
7	The Future of Science [1928]	43
	Headnote to Four Reviews of Eddington (8-11)	50
8	Physics and Theology [1929]	53
9	Review of Sir Arthur Eddington, The Nature	
	of the Physical World [1928]	55
10	Review of Sir Arthur Eddington,	
	The Expanding Universe [1933]	57
11	Scientific Certainty and Uncertainty [1935]	59
12	Review of James Jeans, The Mysterious	
	Universe [1930]	63
13	Determinism and Physics [1936]	67
14	Review of Hyman Levy, A Philosophy for	
	a Modern Man [1938]	81
	a Philosophy and Common Sense [1938]	82
	b Philosophy and Common Sense [1938]	84
	PART III. LOGIC AND PROBABILITY THEORY	
15	Mr. F. P. Ramsey on Logical Paradoxes [1928]	89

#### CONTENTS

16	A Tribute to Morris Raphael Cohen [1927]	92
17	Probability and Fact [1930]	96
	Headnote to Two Reviews of Ramsey (18-19)	106
18	Review of Ramsey, The Foundations	
	of Mathematics [1931]	107
19	Review of Ramsey, The Foundations	
	of Mathematics [1932]	114
20	Congress of Scientific Philosophy [1936]	118
21	On Order in Time [1936]	122
22	On the Importance of Logical Form [1938]	138
23	Dewey's New Logic [1939]	141
	PART IV. EDUCATIONAL THEORY	
24	How Behaviourists Teach Behaviour [1928]	163
25	The Application of Science to Education [1928]	168
	PART V. WRITINGS CRITICAL OF RELIGION	
26	Why I Am Not a Christian [1927]	177
27	Bertrand Russell's Confession of Faith [1927]	194
28	What Is the Soul? [1929]	202
29	Why Mr. Wood Is Not a Freethinker [1929]	206
30	Has Religion Made Useful Contributions to	
	Civilization? [1929]	213
31	Is Religion Desirable? [1929]	229
32	Morality and Religion [1929]	233
33	Science and Religion [1935?]	237
34	Need Morals Have a Religious Basis? [1937?]	246
35	The Existence and Nature of God [1939]	253
	PART VI. EPISTEMOLOGY AND METAPHYSICS	
36	Physics and Metaphysics [1928]	271
37	On the Value of Scepticism [1928]	279
38	Bertrand Russell Replies [1929]	290
39	Analysis of Mind [1932]	293
40	The Decrease of Knowledge [1935]	297
41	Three Papers on "Useless" Knowledge [1933-35]	300
	a The Social Importance of Culture [1933]	301
	b On Curious Learning [1934]	303
	c "Useless" Knowledge [1935]	304

viii

CONTENTS

42	The Limits of Empiricism [1936]	313
43	Philosophy and Grammar [1936]	329
44	Philosophy's Ulterior Motives [1937]	334
45	On Verification [1938]	344
46	The Relevance of Psychology to Logic [1938]	360
47	Non-Materialistic Naturalism [1942]	371
	PART VII. ETHICS AND POLITICS	
48	How Will Science Change Morals? [1928]	379
49	Democracy and Emotion [1929]	389
50	Is There a New Morality? [1929]	392
51	How Science Has Changed Society [1932]	395
	Headnote to Four Papers on Ethics and Law	
	for the Hearst Newspapers (52–55)	403
52	On Utilitarianism [1933]	405
53	Individualist Ethics [1933]	406
54	Respect for Law [1933]	407
55	Competitive Ethics [1934]	409
56	The Philosophy of Communism [1934]	411
57	The Ancestry of Fascism [1935]	422
58	Freedom and Government [1940]	436
59	On Keeping a Wide Horizon [1941]	450
	PART VIII. HISTORY OF PHILOSOPHY	
60	Philosophy in the Twentieth Century [1936]	461
61	Plato in Modern Dress [1937]	467
62	The Philosophy of Santayana [1940]	471
	Headnote to Four Radio Discussions (63-66)	491
63	Hegel: Philosophy of History [1941]	494
64	Descartes: A Discourse on Method [1942]	503
65	Benedict de Spinoza: Ethics [1942]	512
66	Lewis Carroll: Alice in Wonderland [1942]	521
	PART IX. THE "HOW-TO" SERIES	
	Headnote to Three "How-To" Papers (67-69)	533
67	How To Become a Philosopher [1942]	535
68	How To Become a Logician [1942]	549
10		

69 How To Become a Mathematician [1942] 564

ix

#### APPENDIXES

I	Syllabus for Lecture Course [1927]	585
II	"Achilles and the Tortoise" by F. P. Ramsey [1927]	587
III	"Sweet Treasonableness"	
	by S. D. Schmalhausen [1928]	592
IV	"The Scientific Society" by Bertrand Russell [1933]	596
v	Report in Fabian News of Paper 57 [1935]	601
VI	[Manuscript 220.016640] [1937?]	604
VII	Two Letters by Hyman Levy [1938]	606
VIII	"The Relevance of Psychology to Logic"	
	by R. B. Braithwaite [1938]	610
IX	John Dewey's Reply to Paper 23 [1939]	627
x	Santayana's Reply to Paper 62 [1940]	633
XI	"A Philosophy for You in These Times" [1941]	639
XII	Notes on Descartes for Paper 64 [1942]	645
XIII	Notes for Lewis Carroll Broadcast, Paper 66 [1942]	650
XIV	Nine Manuscripts Preliminary to Paper 42 [1936]	652
	ANNOTATION	679
	TEXTUAL NOTES	781
	BIBLIOGRAPHICAL INDEX	829
	GENERAL INDEX	867