## **Contents**

Foreword		page ix
1	The Biology of Logic	1
2	The Evolutionary Derivation of Life-History Strategy	
	Theory	19
3	The Evolutionary Derivation of Decision Logic	43
4	The Evolutionary Derivation of Inductive Logic (Part I)	69
5	The Evolutionary Derivation of Deductive Logic	90
6	The Evolutionary Derivation of Inductive Logic (Part II)	109
7	The Evolutionary Derivation of Mathematics	125
8	Broadening the Evolutionary Foundation of Classical	
	Logic	136
9	The Evolutionary Derivation of Nonclassical Logics	146
10	Radical Reductionism in Logic	173
11	Toward a Unified Science of Reason	191
Appendix: Formal Theory		203
References		217
Index		223