Contents

List of figures and tables List of contributors		<i>page</i> vii ix
	Introduction Samir Okasha and Ken Binmore	1
I	Towards a Darwinian theory of decision making: games and the biological roots of behavior Peter Hammerstein	7
2	What do humans maximize? Claire El Mouden, Maxwell Burton-Chellew, Andy Gardner, and Stuart A. West	23
3	Natural selection and rational decisions Alasdair I. Houston	50
4	Evolution, dynamics and rationality: the limits of ESS methodology Simon M. Huttegger and Kevin J. S. Zollman	67
5	Are rational actor models "rational" outside small worlds? Henry Brighton and Gerd Gigerenzer	84
6	Pull, push or both? Indirect evolution in economics and beyond Siegfried Berninghaus, Werner Güth and Hartmut Kliemt	110
7	Schelling formalized: strategic choices of non-rational behaviour David H. Wolpert and Julian Jamison	133
8	Human cooperation and reciprocity Iack Vromen	158

vi Contents

9	Team reasoning, framing and cooperation <i>Natalie Gold</i>	185
10	An evolutionary perspective on the unification of the behavioral sciences Herbert Gintis	213
11	From fitness to utility Kim Sterelny	246
Index		274