## Contents

Αc	know	ledgements	vii
In	trod	uction	1
1	Evo	lutionary Psychology as a Paradigm	9
	1.0	Introduction	9
	1.1	Natural Selection and Adaptation	11
	1.2	The Possibility of Psychological Adaptations	14
	1.3	Empirical Adaptationism	17
	1.4	Inference from Empirical Adaptationism to	
		Massive Modularity	18
	1.5	Methodological Adaptationism	19
	1.6	Metatheory for Psychology	24
	1.7	Public Policy Agenda	25
	1.8	Conclusion	26
2	Sub	29	
	2.0	Introduction	29
	2.1	Levels of Selection	32
	2.2	Environment of Evolutionary Adaptedness	38
	2.3	Behavioural Flexibility	48
	2.4	Developmental Complexity and Robustness	52
	2.5	Psychological Adaptations as Modules	56
	2.6	The Failure to Infer Massive Modularity from	
		Empirical Adaptationism	60
	2.7	Methodological Objections	62
	2.8	Metatheory or Marketing?	72
	2.9	Policy and Popularisation Dangers	75
	2.10	Conclusion	78
3	Evo	lutionary Psychology and Novel Predictions	81
	3.0	Introduction	81
	3.1	Heuristics in Science	83
	3.2	Heuristics in Evolutionary Psychology	87
	3.3	The Two Research Strategies in Tandem	99
	3.4	Heuristics for Identifying Adaptive Problems	103
	3.5	Heuristics for Identifying Adaptive Solutions	109

## vi Contents

	3.6	Testing Predictions	113	
	3.7	Methodological Challenges Revisited	115	
	3.8	Conclusion	130	
4	Reframing Evolutionary Psychology as a			
	Heu	ristic Programme	132	
	4.0	Introduction	132	
	4.1	Streamlining Evolutionary Psychology	133	
	4.2	The Challenge of Adaptationist Explanation Revisited	143	
	4.3	Evolutionary Psychology in the Evolutionary		
		and Behavioural Sciences	147	
	4.4	Conclusion	163	
5	Restructuring the Debate			
	5.0	Introduction	166	
	5.1	Focusing on Explanation: The Fundamental		
		Interpretative Mistake	167	
	5.2	Towards a Streamlined Evolutionary Psychology	178	
	5.3	A New Subversion	185	
	5.4	The Need for Evolutionary Psychology as		
		a Heuristic Project	192	
	5.5	Conclusion	196	
Co	nclu	sions	198	
Re	ferenc	es	203	
Inc	lex		217	