

Contents

Introduction	vii
SECTION I	
1. Adaptation and Evolutionary Theory	3
2. Biological Teleology: Questions and Explanations	30
3. A Structural Description of Evolutionary Theory	46
4. The Levels of Selection	58
SECTION II	
5. Phenotypic Plasticity, Cultural Transmission, and Human Sociobiology	69
6. From Icons to Symbols: Some Speculations on the Origins of Language (coauthored with Norbert Hornstein)	85
7. Individuality, Pluralism, and the Phylogenetic Species Concept (coauthored with Brent D. Mishler)	106
8. The Levels of Selection: A Hierarchy of Interactors	124
SECTION III	
9. Theory and Experiment in Evolutionary Biology	147
10. The Coevolution of Organism and Environment (coauthored with Janis Antonovics)	161
11. Reductionism versus Holism versus Mechanism	179
References	205
Index	219