

Contents

Introduction: Perspectives on Entangled Life	1
Gillian Barker, Eric Desjardins, and Trevor Pearce	
Part I Historical Perspectives	
The Origins and Development of the Idea of Organism-Environment Interaction	13
Trevor Pearce	
James Mark Baldwin, the Baldwin Effect, Organic Selection, and the American “Immigrant Crisis” at the Turn of the Twentieth Century	33
Christopher D. Green	
The Tension Between the Psychological and Ecological Sciences: Making Psychology More Ecological	51
Harry Heft	
New Perspectives on Organism-Environment Interactions in Anthropology	79
Emily A. Schultz	
Part II Contested Models	
Adaptation, Adaptation to, and Interactive Causes	105
Bruce Glymour	
Environmental Grain, Organism Fitness, and Type Fitness	127
Marshall Abrams	
Models in Context: Biological and Epistemological Niches	153
Jessica A. Bolker	

Thinking Outside the Mouse: Organism-Environment Interaction and Human Immunology	167
Eric Desjardins, Gillian Barker and Joaquín Madrenas	
 Part III Emerging Frameworks	
Integrating Ecology and Evolution: Niche Construction and Ecological Engineering	187
Gillian Barker and John Odling-Smee	
The Affordance Landscape: The Spatial Metaphors of Evolution	213
Denis M. Walsh	
Rethinking Behavioral Evolution.....	237
Rachael Brown	
Constructing the Cooperative Niche	261
Kim Sterelny	

Entangled Life

Organism and Environment in the Biological and Social
Sciences

Barker, G.; Desjardins, E.; Pearce, T. (Eds.)

2014, VI, 279 p. 15 illus.,

ISBN: 978-94-007-7067-6