

Carleton Cognitive Science Series

General Editor

Steven Davis, Carleton University

Cognition and the Brain: The Philosophy and Neuroscience Movement

Edited by:

Andrew Brook, Carleton University

Kathleen Akins, Simon Fraser University

Table of Contents

Introduction

Pete Mandik and Andrew Brook

Data and Theory in Neuroscience

1. Valerie Gray Hardcastle and C. Matthew Stewart – Localization in the Brain and Other Illusions
2. Evan Thompson, Antoine Lutz, and Diego Cosmelli – Neurophenomenology: An Introduction for Neurophilosophers
3. Victoria McGeer – Out of the Mouth of Autistics: Subjective Report and Its Role in Cognitive Theorizing

Neural Representation

4. Chris Eliasmith – Moving Beyond the Metaphors: Understanding the Mind for What It is.
5. Rick Grush – Brain Time and Phenomenological Time
6. Sean Kelly – The Puzzle of Temporal Experience

Visuomotor Transformation

7. Pierre Jacob – Grasping and Perceiving Objects
8. Pete Mandik – Action-Oriented Representation

Colour Vision

9. Paul Churchland – Chimerical Colours: Some Novel Predictions for Cognitive Neuroscience
10. Zoltán Jakob – Opponent processing, linear models, and the veridicality of colour perception
[Winner of the Graduate Student Paper Prize]

Consciousness

11. Jesse Prinz – A Neurofunctional Theory of Consciousness
12. Andrew Brook – Making Consciousness Safe for Neuroscience