Contents

Contributors

The Pragmatist Reappraisal of Habit in Contemporary Cognitive Science, Neuroscience, and Social Theory: Introductory Essay
ITALO TESTA AND FAUSTO CARUANA

Part I: The Sensorimotor Embodiment of Habits

The Neuroscience of Habits
1 Habit Formation, Inference, and Anticipation: Continuous Themes in a Pragmatist Neuroscientific Perspective
JAY SCHULKIN

2 Habits and Self: A Temporal View
GEORG NORTHOFF

Habits and Emotions
3 Emotional Mirroring Promotes Social Bonding and Social Habits: An Insight from Laughter
FAUSTO CARUANA

4 Emotions, Habits, and Skills: Action-Oriented Bodily Responses and Social Affordances
REBEKKA HUFENDIEK

Habits and Skills
5 What the Situation Affords: Habit and Heedful Interrelations in Skilled Performance
KATSUNORI MIYAHARA, TAILER G. RANSOM, AND SHAUN GALLAGHER

© in this web service Cambridge University Press www.cambridge.org
## Table of Contents

### Part II: The Enactment of Habits in Mind and World

**Habits and the Background of Action**

6 Swim or Sink: Habit and Skillful Control in Sport Performance  
Massimiliano L. Cappuccio and Jesús Ilundain-Agurruza  
137

7 The Backside of Habit: Notes on Embodied Agency and the Functional Opacity of the Medium  
Maria Brincker  
165

8 Habit, Ontology, and Embodied Cognition Without Borders: James, Merleau-Ponty, and Nishida  
Jonathan McKinney, Maki Sato, and Anthony Chemero  
184

**Habits, Intentionality, and Language**

9 Clarifying the Character of Habits: Understanding What and How They Explain  
Daniel D. Hutto and Ian Robertson  
204

10 Habits, Meaning, and Intentionality: A Deweyan Reading  
Pierre Steiner  
223

11 Language, Habit, and the Future  
Elena Clare Cuffari  
245

**Habits and Moral Life**

12 Moral Habit  
Mark Johnson  
264

13 Habits of Goodness: How We Come to Be Virtuous Without Moral Laws  
Teed Rockwell  
277

### Part III: Socially Embedded and Culturally Extended Habits

**Habits, Human Development, and Social Practices**

14 Growing Minds: Pragmatic Habits and Enculturation  
Richard Menary  
297

15 “Habit is Thus the Enormous Flywheel of Society”: Pragmatism, Social Theory, and Cognitive Science  
Stephen Turner  
320
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Habit and the Human Lifespan: Toward a Deweyan Account of Aging and Old Age</td>
<td>337</td>
</tr>
<tr>
<td></td>
<td>Shannon Sullivan</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Habits and the Enculturated Mind: Pervasive Artifacts, Predictive Processing, and Expansive Habits</td>
<td>352</td>
</tr>
<tr>
<td></td>
<td>Joerg Fingerhut</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Brain, Body, Habit, and the Performative Quality of Aesthetics</td>
<td>376</td>
</tr>
<tr>
<td></td>
<td>Vittorio Gallese</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>A Habit Ontology for Cognitive and Social Sciences: Methodological Individualism, Pragmatist Interactionism, and 4E Cognition</td>
<td>395</td>
</tr>
<tr>
<td></td>
<td>Italo Testa</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Social Ontology between Habits and Social Interactions</td>
<td>417</td>
</tr>
<tr>
<td></td>
<td>Roberto Frega</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Social Reproduction Feminism and Deweyan Habit Ontology</td>
<td>438</td>
</tr>
<tr>
<td></td>
<td>Federica Gregoratto and Arvi Särkelä</td>
<td></td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>459</td>
</tr>
</tbody>
</table>