THE PHILOSOPHY OF ANIMAL MINDS

This volume is a collection of fourteen new essays by leading philosophers on issues concerning the nature, the existence, and our knowledge of animal minds. The nature of animal minds has been a topic of interest to philosophers since the origins of philosophy, and recent years have seen significant philosophical engagement with the subject. However, there is no volume that represents the current state of play in this important and growing field. The purpose of this volume is to highlight the state of the debate. The issues which are covered include whether and to what degree animals think in a language or in iconic structures, possess concepts, are conscious and self-aware, metacognize, attribute states of mind to others, and have emotions, as well as issues pertaining to our knowledge of mental states in animals and the scientific standards for attributing them.

ROBERT W. LURZ is Associate Professor in the Department of Philosophy, Brooklyn College of The City University of New York.
THE PHILOSOPHY OF ANIMAL MINDS

EDITED BY
ROBERT W. LURZ
For

Mary Jane, William and James
for their love and patience
Contents

List of contributors ix
Acknowledgments xi

The philosophy of animal minds: an introduction 1
Robert W. Lurz

1 What do animals think? 15
Dale Jamieson

2 Attributing mental representations to animals 35
Eric Saidel

3 Chrysippus’ dog as a case study in non-linguistic cognition 52
Michael Rescorla

4 Systematicity and intentional realism in honeybee navigation 72
Michael Tetzlaff and Georges Rey

5 Invertebrate concepts confront the generality constraint (and win) 89
Peter Carruthers

6 A language of baboon thought? 108
Elisabeth Camp

7 Animal communication and neo-expressivism 128
Andrew McAninch, Grant Goodrich, and Colin Allen

8 Mindreading in the animal kingdom 145
José Luis Bermúdez

9 The representational basis of brute metacognition: a proposal 165
Joëlle Proust
Contents

10 Animals, consciousness, and I-thoughts
   Rocco J. Gennaro
   184

11 Self-awareness in animals
   David DeGrazia
   201

12 The sophistication of non-human emotion
   Robert C. Roberts
   218

13 Parsimony and models of animal minds
   Elliott Sober
   237

14 The primate mindreading controversy: a case study in
   simplicity and methodology in animal psychology
   Simon Fitzpatrick
   258

Glossary of key terms
   278

References
   284

Index
   306
Contributors

COLIN ALLEN Professor of History and Philosophy of Science and Professor of Cognitive Science, Indiana University

JOSÉ LUIS BERMÚDEZ Professor of Philosophy, Washington University

ELISABETH CAMP Assistant Professor of Philosophy, University of Pennsylvania

PETER CARRUTHERS Professor of Philosophy, University of Maryland

DAVID DEGRAZIA Professor of Philosophy, George Washington University

SIMON FITZPATRICK Research Associate, AHRC Culture and the Mind Project, University of Sheffield

ROCCO J. GENNARO Professor of Philosophy, The University of Southern Indiana

GRANT GOODRICH Doctoral Student in the History and Philosophy of Science, Indiana University

DALE JAMIESON Professor of Environmental Studies and Philosophy Affiliated Professor of Law, New York University

ROBERT W. LURZ Associate Professor of Philosophy, Brooklyn College, City University of New York

ANDREW McANINCH Doctoral Student in Philosophy, Indiana University

JOËLLE PROUST Director of Research at CNRS, Institut Jean-Nicod

MICHAEL RESCORLA Assistant Professor of Philosophy, University of California, Santa Barbara

GEORGES REY Professor of Philosophy, University of Maryland
x Contributors

Robert C. Roberts  Distinguished Professor of Ethics, Baylor University

Eric Saidel  Assistant Professor of Philosophy, George Washington University

Elliott Sober  Hans Reichenbach Professor and William Vilas Research Professor, University of Wisconsin

Michael Tetzlaff  Visiting Instructor, University of Maryland
Acknowledgments

As with most projects, this one started out as a fairly rough idea that was eventually molded and shaped into a recognizable form by various people along the way. During its early stages, I was given invaluable advice about its direction and content by two anonymous referees, Colin Allen, Peter Carruthers, David Chalmers, Rocco Gennaro, and Uriah Kriegel. While in the thick of the editing process, I was helped immensely by the insightful comments and suggestions of Jonathan Adler, Daniel Campos, Emily Michael, Mathew Moore, and Saam Trivedi. The greatest help by far, however, was from the contributors, who met deadlines, actively communicated with each other and myself, effectively responded to (and graciously tolerated) my numerous questions and comments, and (despite all that) produced original work of the highest quality. I thank each and every one of you.

I wish also to thank Brooklyn College and my department for a much needed reduction in my teaching load during the spring semester. Finally, I wish to thank Gillian Dadd and Malcolm Todd for their helpful editorial guidance and, above all, Hilary Gaskin for her faith in and support for the volume from beginning to end.