Contents

Studying Social Communication in Primates: From Ethology and Comparative Zoology to Social Primatology, Evolutionary Psychology, and Evolutionary Linguistics .......................... 1
Nathalie Gontier and Marco Pina

Part I  Philosophical and Historical Roots of Social Communication Studies

Lord Monboddo's *Ourang-Outang* and the Origin and Progress of Language .......................................................... 31
Stefaan Blancke

Ferality and Morality: The Politics of the “Forbidden Experiment” in the Twentieth Century ........................................ 45
Sandra Swart

Part II  The Elements of Social Communication in Primates and Humans

Experimental Conversations: Sign Language Studies with Chimpanzees ............................................................ 63
Mary Lee Jensvold

How Primate Mothers and Infants Communicate: Characterizing Interaction in Mother–Infant Studies ................................. 83
Maria Botero

On Prototypical Facial Expressions Versus Variation in Facial Behavior: What Have We Learned on the “Visibility” of Emotions from Measuring Facial Actions in Humans and Apes .......................... 101
Augusta Gaspar, Francisco Esteves and Patrícia Arriaga
The Evolution of Joint Attention: A Review and Critique .......................... 127
Timothy P. Racine, Tyler J. Wereha, Olga Vasileva, Donna Tafreshi and Joseph J. Thompson

Describing Mental States: From Brain Science to a Science of Mind Reading .................................................. 147
Shoji Nagataki

Part III Evolutionary Transitions from Social Communication Systems to Language

Bodily Mimesis and the Transition to Speech ........................................ 165
Jordan Zlatev

From Grasping to Grooming to Gossip: Innovative Use of Chimpanzee Signals in Novel Environments Supports Both Vocal and Gestural Theories of Language Origins .......................... 179
David A. Leavens, Jared P. Taglialatela and William D. Hopkins

Reevaluating Chimpanzee Vocal Signals: Toward a Multimodal Account of the Origins of Human Communication .......................... 195
Adam See

Part IV Evolutionary Origins of Human Language

Communication and Human Uniqueness ............................................. 219
Ian Tattersall

How did Humans become Behaviorally Modern? Revisiting the “Art First” Hypothesis ............................................ 229
Rita Nolan

Experiments and Simulations Can Inform Evolutionary Theories of the Cultural Evolution of Language .................. 249
Mónica Tamariz

The Emergence of Modern Communication in Primates: A Computational Approach ........................................ 289
Antonio Benítez-Burraco, Ana Mineiro and Alexandre Castro-Caldas

What Can an Extended Synthesis do for Biolinguistics: On the Needs and Benefits of Eco-Evo-Devo Program .......................... 313
Cedric Boeckx
The Evolution of Social Communication in Primates
A Multidisciplinary Approach
Pina, M.; Gontier, N. (Eds.)
2014, X, 326 p. 18 illus., 11 illus. in color., Hardcover
ISBN: 978-3-319-02668-8