# TABLE OF CONTENTS

## INTRODUCTION

Francesco Ferretti, Ines Adornetti  
*Origin and Evolution of Language: a Close Look at Human Nature*  III

## PAPERS

Lluís Barceló-Coblijn  
*On the Relationship between the Air Sacs Loss in the Genus Homo and Duality of Patterning*  1

Teresa Bejarano  
*From Holophrase to Syntax: Intonation and the Victory of Voice over Gesture*  21

Michael C. Corballis  
*The Gradual Evolution of Language*  37

Erica Coseantino  
*Embodied Pragmatics and the Evolution of Language*  61

Peter Gärdenfors  
*The Evolution of Sentential Structure*  79

José Luis Guijarro  
*The Origin of Languages. A Constrained Set of Hypotheses*  99

James R. Hurford  
*What is Wrong, and What is Right, about Current Theories of Language, in the Light of Evolution?*  123

Adrien Meguerditchian, Jacques Vauclair  
*Communicative Signaling, Lateralization and Brain Substrate in Nonhuman Primates: Toward a Gestural or a Multimodal Origin of Language?*  135
Antonino Pennisi, Alessandra Falzone
Residuals of Intelligent Design in Contemporary Theories
about Language Nature and Origins 161

Ian Tattersall
Language as a Critical Factor in the Emergence of
Human Cognition 181

Jordan Zlatev
Human Uniqueness, Bodily Mimesis and the
Evolution of Language 197

Ines Adornetti
Making Tools and Planning Discourse: the Role of
Executive Functions in the Origin of Language 221

Francesco Ferretti
Travelling in Time and Space at the Origins of Language 243

COMMENTARIES

Alessandra Chiera
Origins of Human Communication
by Michael Tomasello 269

BOOK REVIEWS

Silvia Felletti
The Recursive Mind. The Origins of Human Language,
Thought, and Civilization
by Michael C. Corballis 283

Serena Nicchiarelli
More than Nature Needs. Language, Mind, and Evolution
by Derek Bickerton 293