

Contents

<i>List of figures</i>	page ix
<i>List of tables</i>	xii
<i>List of contributors</i>	xiii
<i>Acknowledgements</i>	xv
1 Introducing the volume <i>Kleanthes K. Grohmann and Cedric Boeckx</i>	1
2 Bilingualism: A historical perspective <i>Lyle Jenkins</i>	4
3 Bilingualism yesterday, today, and tomorrow <i>Massimo Piattelli-Palmarini</i>	12
4 The philosophical foundations of bilingualism <i>James McGilvray</i>	22
Part I Language development	47
5 (Evidence for) the language instinct <i>Ianthi Maria Tsimpli</i>	49
6 Sensitive phases in successive language acquisition: The critical period hypothesis revisited <i>Jürgen M. Meisel</i>	69
7 Discovering word forms and word meanings: The role of phrasal prosody and function words <i>Séverine Millotte, Elodie Cauvet, Perrine Brusini, and Anne Christophe</i>	86
8 Luria's bilingual suggestion and the growth of language <i>Ken Wexler</i>	94
9 Parameters in language acquisition <i>Lisa Pearl and Jeffrey Lidz</i>	129
10 Bilingualism beyond language: On the impact of bilingualism on executive control <i>Mireia Hernández, Clara D. Martín, Núria Sebastián-Gallés, and Albert Costa</i>	160

Part II Mind, brain, behavior	179
11 The role of experimental syntax in an integrated cognitive science of language <i>Jon Sprouse and Diogo Almeida</i>	181
12 Working memory and language processing: Theory, data, and directions for future research <i>Matthew W. Wagers and Brian McElree</i>	203
13 Computational primitives in phonology and their neural correlates <i>Philip J. Monahan, Ellen F. Lau, and William J. Idsardi</i>	233
14 Computational primitives in syntax and possible brain correlates <i>Matthias Schleewsky and Ina Bornkessel-Schleewsky</i>	257
15 Computational primitives in morphology and possible brain correlates <i>Ina Bornkessel-Schleewsky and Matthias Schleewsky</i>	283
16 Grounding the cognitive neuroscience of semantics in linguistic theory <i>Liina Pyllkkänen, Jonathan Brennan, and Douglas Bemis</i>	309
17 Modularity and descent-with-modification <i>Gary F. Marcus, Cristina D. Rabaglia, and Hugh Rabagliati</i>	326
18 The role of Broca's area in language function <i>Gregory Hickok</i>	341
19 Lexical retrieval and its breakdown in aphasia and developmental language impairment <i>Naama Friedmann, Michal Biran, and Dror Dotan</i>	350
20 Genetics of language: Roots of specific language deficits <i>Antonio Benítez-Burraco</i>	375
 Part III Language evolution	 413
21 The cognitive capacities of non-human primates <i>Klaus Zuberbühler</i>	415
22 Birdsong for bilingualism <i>Kazuo Okanoya</i>	431
23 Language, culture, and computation: An adaptive systems approach to bilingualism <i>Simon Kirby</i>	460
24 Language and natural selection <i>Derek Bickerton</i>	478
25 The fossils of language: What are they? Who has them? How did they evolve? <i>Sergio Balari, Antonio Benítez-Burraco, Víctor M. Longa, and Guillermo Lorenzo</i>	489
 Notes	 524
References	539
Index	671