Contents

List of Figures *page* vii
List of Tables x
List of Contributors xiii
Preface xv
List of Abbreviations xvii

1 At the Intersection of Cognitive Processes and Linguistic Diversity 1
ANDREA D. SIMS, ADAM USSISHKIN, JEFF PARKER, AND SAMANTHA WRAY

Part I In What Ways Is Language Processing Tuned to the Morphological Structure of a Language?

2 Tuning Language Processing Mechanisms to a Language's Morphology without Decomposition: The Case of Semantic Transparency 31
LAURIE BETH FELDMAN AND FERMÍN MOSCOSO DEL PRADO MARTÍN

3 Productivity Effects on Morphological Processing in Maltese Auditory Word Recognition 56
SAMANTHA WRAY AND ADAM USSISHKIN

4 Phonotactic and Morphological Effects in the Acceptability of Pseudowords 79
JEREMY M. NEEDLE, JANET B. PIERREHUMBERT, AND JENNIFER B. HAY

Part II What Role Does Cue Informativity Play in Learning and How the Lexicon Evolves Over Time?

5 How Agglutinative? Searching for Cues to Meaning in Choguita Rarámuri (Tarahumara) Using Discriminative Learning 121
GABRIELA CABALLERO AND VSEVOLOD KAPATSINSKI

6 Words, Probability, and Segmental Information: Less Probable Words Have More Informative Segments 160
ADAM KING AND ANDREW WEDEL

7 Learning Complex Morphological Patterns: The Role of Syncretism and Markedness 182
SARA FINLEY

Part III How Do System-Level Principles of Morphological Organization Emerge?

8 Morphology Gets More and More Complex, Unless It Doesn't 209
ERIC MEINHARDT, ROBERT MALOUF, AND FARRELL ACKERMAN

9 Network Structure and Inflection Class Predictability: Modeling the Emergence of Marginal Detraction 247
JEFF PARKER, ROBERT REYNOLDS, AND ANDREA D. SIMS

10 Rule Combination, Potentiation, Affix Telescoping 282
GREGORY STUMP

References 307
Language Index 347
General Index 349