

1. Introduction	1
JACQUES DURAND, ULRIKE GUT, AND GJERT KRISTOFFERSEN	
 PART I PHONOLOGICAL CORPORA: DESIGN, COMPILATION, AND EXPLOITATION	
2. Corpus Design	13
ULRIKE GUT AND HOLGER VOORMANN	
3. Data Collection	27
BRUCE BIRCH	
4. Corpus Annotation: Methodology and Transcription Systems	46
ELISABETH DELAIS-ROUSSARIE AND BRECHTJE POST	
5. On Automatic Phonological Transcription of Speech Corpora	89
HELMER STRIK AND CATIA CUCCHIARINI	
6. Statistical Corpus Exploitation	110
HERMANN MOISL	
7. Corpus Archiving and Dissemination	133
PETER WITTENBURG, PAUL TRILSBEEK, AND FLORIAN WITTENBURG	
8. Metadata Formats	150
DAAN BROEDER AND DIETER VAN UYTVANCK	
9. Data Formats for Phonological Corpora	166
LAURENT ROMARY AND ANDREAS WITT	

10. Corpus and Research in Phonetics and Phonology: Methodological and Formal Considerations 193
ELISABETH DELAIS-ROUSSARIE AND HIYON YOO
11. A Corpus-Based Study of Apicalization of /s/ before /l/ in Oslo Norwegian 214
GJERT KRISTOFFERSEN AND HANNE GRAM SIMONSEN
12. Corpora, Variation, and Phonology: An Illustration from French Liaison 240
JACQUES DURAND
13. Corpus-Based Investigations of Child Phonological Development: Formal and Practical Considerations 265
YVAN ROSE
14. Corpus Phonology and Second Language Acquisition 286
ULRIKE GUT

PART III TOOLS AND METHODS

15. ELAN: Multimedia Annotation Application 305
HAN SLOETJES
16. EMU 321
TINA JOHN AND LASSE BOMBIEN
17. The Use of Praat in Corpus Research 342
PAUL BOERSMA
18. Praat Scripting 361
CAREN BRINCKMANN
19. The PhonBank Project: Data and Software-Assisted Methods for the Study of Phonology and Phonological Development 380
YVAN ROSE AND BRIAN MACWHINNEY
20. EXMARaLDA 402
THOMAS SCHMIDT AND KAI WÖRNER
21. ANVIL: The Video Annotation Research Tool 420
MICHAEL KIPP

22. Web-based Archiving and Sharing of Phonological Corpora	437
ATANAS TCHOBANOV	

PART IV CORPORA

23. The IViE Corpus	475
FRANCIS NOLAN AND BRECHTJE POST	
24. French Phonology from a Corpus Perspective: The PFC Programme	486
JACQUES DURAND, BERNARD LAKS, AND CHANTAL LYCHE	
25. Two Norwegian Speech Corpora: NoTa-Oslo and TAUS	498
KRISTIN HAGEN AND HANNE GRAM SIMONSEN	
26. The LeaP Corpus	509
ULRIKE GUT	
27. The <i>Diachronic Electronic Corpus of Tyneside English</i> : Annotation Practices and Dissemination Strategies	517
JOAN C. BEAL, KAREN P. CORRIGAN, ADAM J. MEARNs, AND HERMANN MOISL	
28. The LANCHART Corpus	534
FRANS GREGERSEN, MARIE MAEGAARD, AND NICOLAI PHARAO	
29. Phonological and Phonetic Databases at the Meertens Institute	546
MARC VAN OOSTENDORP	
30. The VALIBEL Speech Database	552
ANNE CATHERINE SIMON, MICHEL FRANCARD, AND PHILIPPE HAMBYE	
31. Prosody and Discourse in the Australian Map Task Corpus	562
JANET FLETCHER AND LESLEY STIRLING	
32. A Phonological Corpus of L1 Acquisition of Taiwan Southern Min	576
JANE S. TSAY	

References	589
Index	639