POSTVELAR HARMONY

KIMARY N. SHAHIN
University of British Columbia

JOHN BENJAMINS PUBLISHING COMPANY
AMSTERDAM/PHILADELPHIA

[illegible]

Table of Contents

Acknowledgements		v
Table of Contents		vi
CHAPTER 1: INTRODUCTION		
1.1.	Aims	1
1.2.	Overview	3
1.3.	Representational Assumptions	3
1.3.1	Articulator Theory	4
1.3.2	The Articulator Feature [TONGUE ROOT]	5
1.3.3	Other Representational Assumptions	12
1.4.	Postvelars	18
1.4.1	The Articulation of Gutturals	19
1.4.2	The Articulation of Emphatics	24
1.4.3	Postvelar Acoustics	29
1.4.4	Summary	40
1.5.	A Harmony Typology	40
1.6.	Optimality Theory	40
1.6.1	Correspondence Constraints	42
1.6.2	Alignment Constraints	45
1.6.3	Grounded Constraints	45
1.7.	Phonetics and Phonology	46
1.7.1.	The Distinction Between Phonetics and Phonology	46
1.7.2.	The Use of Phonetics in Phonology	52
CHAPTER 2: POSTVELAR HARMONY IN PALESTINIAN ARABIC		
2.1.	The Language and the Data	54
2.2.	Phonemic Inventory	54
2.2.1	Consonantal Inventory	54
2.2.2	Vocalic Inventory	62
2.3.	Preliminary Issues	74
2.3.1	Underlying Pharyngealisation, Underlying Uvularisation	74
2.3.2	The Derivation of the Palestinian Underlying Postvelar Inventory	80
2.3.3	Prosodically Conditioned (Closed Syllable) Pharyngealisation	81
2.4.	Palestinian Pharyngealisation Harmony	94
2.4.1	Harmony Under Adjacency to a Postvelar	94
2.4.2	Theoretical Account: Part I	97
2.4.3	Nonlocal Harmony	101

2.4.4	Theoretical Account: Part II	111
2.4.5	Opaque Stem-final Vowels and Long Vowels	114
2.4.6	Theoretical Account: Part III	126
2.5.	Palestinian Uvularisation Harmony	135
2.5.1	Harmony with an Emphatic	135
2.5.2	Theoretical Account: Part I	143
2.5.3	Opaque Postalveolar Obstruents	153
2.5.4	Theoretical Account: Part II	155
2.5.5	Transparent Nonlow Vowels	158
2.5.6	Theoretical Account: Part III	161
2.5.7	Uvularisation Harmony in Other Palestinian Dialects	163
2.6.	Summary and a Final Issue	164

CHAPTER 3: POSTVELAR HARMONY IN ST'ÁT'IMCETS SALISH

3.1.	The Language and the Data	171
3.2.	Phonemic Inventory	172
3.2.1	Consonantal Inventory	172
3.2.2	Vocalic Inventory	204
3.3.	Preliminary Issues	216
3.3.1	Underlying Pharyngealisation, Underlying Uvularisation	216
3.3.2	The Derivation of the St'át'imcets Underlying Postvelar Inventory	217
3.4.	St'át'imcets Pharyngealisation Harmony	219
3.4.1	Pharyngealisation under Adjacency to a Postvelar	219
3.4.2	Theoretical Account	243
3.5.	St'át'imcets Uvularisation Harmony	251
3.5.1	Harmony with an Emphatic	251
3.5.2	Theoretical Account: Part I	264
3.5.3	Neutral High Vowels	271
3.5.4	Theoretical Account: Part II	273
3.5.5	'Transparent' Laryngeals	274
3.5.6	Theoretical Account: Part III	274
3.6.	Summary	278

CHAPTER 4: CONCLUSION

4.1.	Summary	281
4.2.	A Residual Issue	284

References 285

Appendix I.	Abbreviations	304
Appendix II.	Palestinian Carrier Forms for Vowel Tokens	306
Appendix III.	Salish Language Classification	319
Appendix IV.	St'át'imcets Carrier Forms for Vowel Tokens	321
Appendix V.	St'át'imcets Word List	328
Name Index		338
Other Language/Language Family Index		341
Subject Index		343