

## Contents

0. Introduction.....	1
0.1 Characterizing breaking.....	1
0.2 The Old English digraphs and the 'Digraph Controversy'.....	2
0.3 The place of Old English breaking in early Germanic.....	4
<b>Chapter 1. LC Clusters: Breaking, Svarabhakti and Other Related Phenomena</b>	
1.0 Introduction.....	6
1.1 Proto-Germanic */x/.....	10
1.1.1 Evidence for apical [r].....	10
1.1.2 Arguments for early non-apical r .....	13
1.1.3 Uvular r .....	14
1.1.4 Velar co-articulation.....	16
1.1.5 "Molar r " .....	17
1.1.6 Retroflex r .....	19
1.1.7 Evidence against back r theories.....	20
1.1.8 Objections to uvular [ʀ]/[ʁ].....	21
1.1.9 Objections to velar co-articulation.....	36
1.1.10 Objections to retroflex r .....	39
1.2 A possible solution: liquid reduction.....	40
1.2.1 Liquid reduction and syllable structure.....	47
1.2.2 Restrictions on breaking before syllable-final r .....	55
1.3 Svarabhakti and its relationship to breaking.....	60
1.4 Smoothing and vowel epenthesis.....	66
1.5 The question of breaking before l .....	69
1.5.1 Restrictions on breaking before lC .....	70
1.5.2 Determining the phonetic realization of Old English /l/.....	71
1.5.3 Accounting for breaking before lC .....	74
1.5.4 Accounting for the restrictions on breaking before lC .....	78
1.6 Conclusion.....	81
<b>Chapter 2. Proto-Germanic */x/ and Old English breaking</b>	
2.0 Introduction.....	83
2.1 Arguments for [x] as a breaking conditioner.....	84
2.2 Early reduction and loss of */x/.....	86
2.3 Reconciling the behavior of */x/ and */k/,*/g/ in Old English.....	95
2.4 Vocalic mutations conditioned by velar [x].....	99
2.5 Reduction of [x] and its effect on adjacent vowels.....	101
2.6 Conclusion.....	105
Concluding Remarks.....	107
Reference.....	110