

CONTENTS

List of Illustrations	ix
Unnumbered Illustrations	xi
List of Exercises	xi
PART I	
BACKGROUND: GENETIC LINGUISTICS IN RELATION TO GENERAL LINGUISTICS AND RELATED FIELDS	
1. Language and Linguistics	3
2. Writing and Language	31
3. Linguistic Variation	47
PART II	
HISTORICAL LINGUISTICS: HOW DOES LANGUAGE CHANGE?	
4. Sound Change	57
5. Grammar Change: Analogy	88
6. Rule Change	109
7. Semantic Change	133
8. External Change: Borrowing	154
9. Why Does Language Change? Social and Linguistic Factors	179
PART III	
COMPARATIVE LINGUISTICS (GENERAL NOTIONS AND STRUCTURE): HOW CAN CHANGE BE REVERSED?	
10. Preliminaries to the Historical Methods	207
11. The Comparative Method (the Central Concept)	229

12. Internal Reconstruction	264
13. Conclusion to the Methods	274

PART IV**LINGUISTIC RECONSTRUCTION: A SYNTHESIS OF
VARIOUS LINGUISTIC AND CULTURAL NOTIONS**

14. Dialect Geography	289
15. Alternative Relationship Models	300
16. Classification of Languages	310
17. Philology and Etymology	323
18. Reconstructing Phonology	335
19. Reconstructing Grammar	351
20. Reconstructing Semology/Semantics	364

PART V**CONCLUSION: LINGUISTICS AS PART OF
ANTHROPOLOGY**

21. Change and Reconstruction in Culture and Linguistics	377
22. Genetic Linguistics and Biological Genetics	389

APPENDIXES

I. Syllabus to Some Introductions to Historical Linguistics	399
II. Reading List for an Advanced Course	400

BIBLIOGRAPHY	401
---------------------	------------

INDEX	429
--------------	------------

LIST OF ILLUSTRATIONS

1-1. Language as a bridge between meaning and sound	4
1-2. Language as a bridge between meaning and sound in more detail	5
1-3. Basic vowel chart	7
1-4. Basic consonant chart	8
1-5. A table of semantic combinations	10
1-6. Four company trade marks	16
1-7. The frames of reference for linguistics	21
2-1. The relation between language and writing	32
2-2. Possible derivation trees for manuscripts	44
3-1. Class stratification diagram for <i>th</i> in New York City	49
3-2. Different semantic segmentation in two dialects	52
4-1. Changes in number and distribution of phonemes	57
4-2. Rotuman vowel triangle	63
4-3. The great English vowel shift	65
4-4. Steps in Grimm's and Verner's laws	67
4-5. Excrescent [b]	68
6-1. Relative chronology of English and Rotuman vowel changes	110
6-2. Relative chronologies of Grimm's and Verner's laws	111
7-1. Parallelism between phonology and semology	135
7-2. Loss of semantic marking	136
7-3. The interrelation among four mechanisms of semantic change	142
7-4. Elaboration in the meaning-form links	144
8-1. Various types of borrowing	156
8-2. Consonant correspondences between Germanic and Germanic loans in Baltic Finnic	159
8-3. Changes in semantic marking through borrowing	161
8-4. The sources of loans for the Finno-Ugric languages	164
8-5. The filtering of the Baltic Finnic sound system through the Baltic and Germanic ones	174
9-1. The different mechanisms of change and their analogical core	180
9-2. Geographical distribution of meanings	183
10-1. The parallelism between the phoneme and the morphophoneme	217
10-2. Selection of Finnish front vowel and dental sets	220

10-3. Selection of East Lapp consonant alternations	223
11-1. Swedish, English, and German consonants for the comparative method	232
11-2. The labial sets between Swedish, English, and German	234
11-3. The dental sets between Swedish, English, and German	236
11-4. The velar sets between Swedish, English, and German	238
11-5. Checking the reconstruction with earlier stages	241
11-6. Indo-European sets of correspondences for the comparative method	246
11-7. The inventory of reconstructed Proto-Indo-European vowels and resonants	249
11-8. Finnish and Lapp consonant correspondences for the comparative method	250
11-9. The interrelation of phonemes and morphophonemes	251
13-1. Relative time depths of internal reconstruction and the comparative method	276
13-2. Relative difference in the results of internal reconstruction and the comparative method	277
13-3. The interrelationship of various methods of establishing sound units	279
14-1. Four dialects characterized by a pool of twelve rules	293
14-2. Geographical stratification (France)	295
14-3. The distribution of the outcomes of Proto-Lapp <i>*md</i>	296
15-1. A family tree of the Uralic languages	301
15-2. A dialect map of the Indo-European languages	305
15-3. Combinations of trees and isoglosses	308
16-1. Sapir's three-parameter classificatory scheme of languages	313
16-2. Greenberg's typological indices	314
16-3. Characterization of vowel systems through geometric arrangements	315
16-4. Criteria for establishing genetic relationship	319
16-5. Nostratic dental correspondences	321
18-1. Applications of Boolean algebra in the reconstruction of phonetics and semantics	343
18-2. Derivation trees for Finnish consonant gradation	345
18-3. Flow chart of the basic steps in the reconstruction procedure	347

UNNUMBERED ILLUSTRATIONS

Classification of signs	18
Structural classification of sound change	69
Articulatory classification of sound change	71
Proportional analogy	89
The meaning-form linkups	100
Grimm's and Verner's laws in Germanic	111
Subtractive reordering and restructuring and loss	130
Onomasiological change in French	134
Semantic shift in Latin	147
Numerical parameters for diphthongs in Martha's Vineyard	192
Abduction, deduction, and language learning	197
Inventory of reconstructed Proto-Indo-European consonants	271
Diphthongs in the Atlantic states	293
Subgrouping and phonetic reconstruction	344
Table for retention of shared vocabulary	397

LIST OF EXERCISES

Borrowing	178
Morphophonemic analysis/internal reconstruction	228
The comparative method	256