

Contents

Preface and acknowledgements

xiii

1 Introduction	1
1.1 On theories of historical phenomena	1
1.2 Desiderata for a theory of language change	4
1.3 An utterance-based selectional theory of language change	6
2 An evolutionary model of language change	9
2.1 Introduction	9
2.2 Populations and phylogenies	13
2.3 The generalized theory of selection	20
2.4 The generalized theory of selection applied to language change	25
2.4.1 The paradigm instantiation of selection in language change	25
2.4.2 The causal mechanisms of evolution in language change	31
2.4.3 Linguistic lineages and utterance structure	32
2.5 A unified model of linguistic variation and change	37
3 Some theories of language change in an evolutionary framework	42
3.1 Introduction	42
3.2 The child-based theory of language change	44
3.2.1 Changes in language history and child language	46
3.2.2 Changes in child language as the child matures	47
3.2.3 Abrupt vs gradual language change	49
3.2.4 Grammar(s) and variation	51
3.3 Utterance-based theories of language change	53
3.3.1 Sociohistorical linguistic theory and the role of adults in language change	53
3.3.2 The invisible hand theory	59
3.3.3 Grammaticalization theory	62
3.4 Types of causal mechanisms in language change	63
3.4.1 Teleological mechanisms in language change	66
3.4.2 Mechanisms for normal replication	71
3.4.3 Mechanisms for selection	73
3.4.4 Mechanisms for altered replication	74
3.5 The concept of progress in biological evolution and language change	79

4 A theory of language and meaning in use	87
4.1 Introduction	87
4.2 Language, communication and convention	87
4.2.1 The function of language and communication	87
4.2.2 The joint character of speech	88
4.2.3 Speech communities and common ground	90
4.2.4 Convention	95
4.3 The openendedness and flexibility of meaning in use	99
4.3.1 Nonconventionality in language use	99
4.3.2 Context, categorization and conceptualization	104
4.3.3 Joint construal and the evolution of interpretation	110
4.4 Conclusion	115
5 Form-function reanalysis	117
5.1 Introduction	117
5.2 Hyperanalysis (overanalysis)	121
5.2.1 Loss of governed oblique case	121
5.2.2 Evolution of impersonals from locative agreement	124
5.2.3 Constraints on hyperanalysis	126
5.3 Hypoanalysis (underanalysis)	126
5.3.1 Subjunctives and futures from present indicatives	127
5.3.2 German umlaut	128
5.3.3 Nominalizers from Stage III articles	128
5.3.4 Multiple exaptation/hypoanalysis: <i>do</i> and English 3rd singular present <i>-s</i>	129
5.3.5 Constraints on hypoanalysis	130
5.4 Metanalysis	130
5.4.1 Reinforcement > replacement: the negative cycle	130
5.4.2 Passives from 3rd person actives and reflexives	131
5.4.3 Pragmatic inference and metanalysis	133
5.4.4 Constraints on metanalysis	134
5.5 Cryptanalysis	134
5.5.1 Pleonastic negation	135
5.5.2 Paratactic negation	135
5.5.3 Pleonastic double marking / reinforcement	137
5.5.4 Spread of the definite article to proper names	138
5.5.5 Cryptanalysis + metanalysis: the evolution of modals into subjunctives	138
5.5.6 Constraints on cryptanalysis	140
5.6 How far can we get with form-function reanalysis?	140
6 Interference, intraference and grammaticalization	145
6.1 Interference	145
6.2 Intraference	148
6.2.1 The evolution of morphological paradigms	148
6.2.2 Lexical semantic change	151
6.2.3 Mechanisms for intraference	154
6.2.4 Constraints on intraference	156

6.3	Grammaticalization	156
6.3.1	Grammaticalization processes	156
6.3.2	Mechanisms for grammaticalization	159
7	Selection (propagation) of innovations in language change	166
7.1	Introduction	166
7.2	Communities, societies and the internal/external distinction in language change	166
7.3	Propagation and the adoption of conventions	174
7.4	Propagation and the structure of speaker populations	178
7.4.1	The locus of channels of propagation in the population	178
7.4.2	Direction of propagation in populations	180
7.4.3	The time course of propagation: the S-curve	183
7.4.4	The macrostructure of speaker populations and propagation	190
8	The descent of languages	196
8.1	Phylogeny in biology and language from a plantish point of view	196
8.2	Primary language birth: societal divergence and normal transmission	198
8.3	From contact to merger	200
8.3.1	Language shift: effects on the acquired language	201
8.3.2	Language maintenance/resistance: effects on the original language	205
8.4	Hybridization in language	209
8.4.1	Hybrid utterances in code-switching and code-mixing	210
8.4.2	True hybrid languages	212
8.4.3	Mixed languages	213
8.5	Creation of a new community or society	221
8.6	Language death: selection at the societal level?	225
9	Towards an evolutionary linguistics	229
	<i>Glossary of terms</i>	233
	<i>References</i>	245
	<i>Index of authors</i>	262
	<i>Index of populations (languages, communities and species)</i>	267
	<i>Index of subjects</i>	271