

Table of contents

Acknowledgements	7
Terms and definitions	15
List of figures	17
List of tables.....	20
Introduction	23
1 Context, objectives and structure of the investigation	23
1.1 Background	23
1.1.1 Constant development of the lexicon across borders	23
1.1.2 The desire to control lexical development	24
1.1.3 Deliberate lexical interventions: Successes and challenges.....	25
1.2 Motivation and objectives	26
1.2.1 Lexical knowledge: Exploring lexical environments.....	28
1.2.2 Lexical opinion: Gathering naturally occurring data.....	31
1.3 Context.....	33
1.4 Overall methodology and research questions	35
1.5 Thesis structure.....	38

PART 1	
THEORETICAL BACKGROUND	41
2 Deliberate lexical interventions and their effectiveness	43
2.1 Introduction	43
2.2 Why: Goals of an extralinguistic nature.....	46
2.3 What: Goals of a linguistic nature in the speech community.....	47
2.3.1 Filling a lexical gap	48
2.3.2 ... or modifying the existing lexicon	50
2.4 How: The route from aim to achievement for language managers...	53
2.4.1 From in vitro to in vivo lexical items	53
2.4.2 The actualization issue.....	56
2.4.3 Speakers as the source of lexical change.....	58
2.5 Outcomes and effectiveness of deliberate lexical interventions	68
2.5.1 Possible and desired outcomes of deliberate lexical interventions.....	68
2.5.2 The effectiveness of deliberate lexical interventions.....	70
3 Intervening on speakers' lexicon under conditions of uncertainty	73
3.1 Introduction	73
3.2 Problem statement.....	73
3.2.1 Language as a complex adaptive system.....	73
3.2.2 Introduction of a new lexical item and marketing.....	77
3.2.3 Deliberate lexical intervention as a cocreation process	80
3.3 Evaluating deliberate lexical intervention effectiveness in the speech community.....	83
3.3.1 Previous studies on lexical knowledge	84
3.3.2 Previous studies on lexical opinion	96
3.3.3 Previous studies on lexical replication	104

3.4	Proposals for language managers	105
3.4.1	Exploring speakers' lexical environment.....	106
3.4.2	Exploring speakers' lexical opinions in context.....	111
PART 2		
	ESPERANTO FOR SCIENTIFIC RESEARCH	119
4	Using the Esperanto speech community to study lexical phenomena	121
4.1	Introduction.....	121
4.2	The emergence of a decentralized speech community	121
4.2.1	From a plan	121
4.2.2	... to a fully functioning language	124
4.2.3	... spoken mainly by a decentralized community	125
4.2.4	Defining the Esperanto speaker.....	126
4.2.5	Counting Esperanto speakers	130
4.2.6	The status of Esperanto in society and science	132
4.3	Lexical change in Esperanto	134
4.3.1	Democratically completing the plan	134
4.3.2	Lexical norms in Esperanto	146
5	Electronic networks discussing Esperanto lexical items.....	149
5.1	Introduction.....	149
5.2	Five online networks under the microscope	149
5.2.1	Astronomia Terminaro	154
5.2.2	Esperanto-tradukistoj	155
5.2.3	Lingva Konsultejo	155
5.2.4	Retposhta rondo por redaktantoj	156
5.2.5	Vivo-Vikio.....	158

5.3	Linguistic knowledge and language proficiency of network contributors.....	159
5.3.1	Objective of the survey.....	159
5.3.2	Methods.....	159
5.3.3	Results	165
5.3.4	Discussion	172
PART 3		
	EMPIRICAL INVESTIGATION AND PROPOSAL.....	177
6	Speakers' lexical environments: insights from focus-groups	179
6.1	Introduction.....	179
6.2	Methods.....	181
6.2.1	Focus group rationale	181
6.2.2	Discussion guideline	182
6.2.3	Choice and recruitment of participants	183
6.2.4	From samples to focus groups	188
6.2.5	Analytical framework.....	193
6.3	Results	195
6.3.1	Is lexical information needed?.....	195
6.3.2	External search for information: Diversity on the rise	197
6.3.3	Collaborative dictionaries: Not trustworthy but useful.....	203
6.3.4	When speakers turn their filters on.....	206
6.4	Summary	208
7	Methods: A proof of concept for detecting opinionated autonyms.....	210
7.1	Introduction.....	210
7.2	Theoretical foundations for the detection of opinions and autonyms based on natural language processing.....	211
7.2.1	Opinionated autonyms in corpora	211

7.2.2	Building and manually annotating a test set	216
7.2.3	Adapting the Metalinguistic Operation Processor.....	217
7.3	Corpus compilation	218
7.3.1	Guiding principles	218
7.3.2	Corpus collection	220
7.3.3	Corpus cleaning	222
7.3.4	Morphological tagging and pre-editing	223
7.3.5	Choosing units of analysis	224
7.4	Grammatical features of opinionated autonyms in Esperanto.....	225
7.4.1	Opinion indicators in written language	225
7.4.2	Autonymy indicators in written language.....	232
7.5	Building and evaluating indicators for opinionated autonyms in Esperanto	240
7.5.1	Developing sentiment and metalinguistic lexicons for Esperanto	240
7.5.2	Indicators for detecting opinions in Esperanto corpora....	244
7.5.3	Indicators for detecting autonyms in Esperanto corpora..	247
7.6	Extracting opinionated autonym candidates from the corpus.....	250
7.7	Units of analysis extracted from the corpus.....	252
7.8	Summary	254
8	Results: Lexical criteria in context.....	256
8.1	Introduction.....	256
8.2	Analysing opinionated autonyms.....	256
8.3	Speakers' lexical criteria.....	260
8.3.1	Properties of the lexical item	262
8.3.2	Reference to language use.....	275
8.3.3	Reference to other language items.....	280
8.3.4	Reference to language instances or resources	283

8.3.5	Extralinguistic statements.....	287
8.4	Summary	288
9	Using naturally occurring data to absorb uncertainty in deliberate lexical interventions	290
9.1	Introduction	290
9.2	Assessing and understanding speakers' lexical knowledge	291
9.2.1	Data on lexical-source recall.....	291
9.2.2	Data on lexical-source opinion.....	293
9.3	Assessing speakers' lexical opinions.....	295
9.3.1	Data on lexical item polarization at the lexical item level.....	295
9.3.2	Data on lexical item polarization at the designational paradigm level	297
9.4	Understanding speakers' lexical opinions.....	299
9.5	A model for action based on naturally occurring data	301
	CONCLUSION	305
10	Conclusion and future research	307
10.1	Objectives and methods.....	307
10.2	Summary of main findings and achievements	307
10.3	Future research	309
	References	311
	Endnotes	359
	Appendices.....	367