

## Table of Contents

Acknowledgement.....	ii
Abstract.....	iii
ບທກັດຢ່ອ .....	v
List of Tables .....	xi
List of Figures.....	xii
Abbreviations and Symbols .....	xiii
Glossary .....	xiv
Chapter 1 Introduction.....	1
1.0 Rationale .....	1
1.1 General background information .....	1
1.2 Historical background.....	4
1.3 About the Nepali in Myanmar.....	5
1.4 Nepali caste and culture .....	5
1.5 The Nepali language.....	7
1.6 Objectives of the study .....	8
1.7 Research questions.....	8
1.8 Hypothesis .....	8
1.9 Benefits of the study .....	9
Chapter 2 Literature review .....	10
2.0 Introduction.....	10
2.1 Language maintenance .....	10
2.1.1 Language maintenance in displaced people groups: A case study .....	11
2.1.2 Language planning: Two case studies.....	12
2.1.3 Social network analysis and language maintenance .....	14
2.1.4 Social network analysis in sociolinguistic communities.....	15
2.2 Literature on sociolinguistic questionnaires .....	16
2.3 Language use and language domains .....	17
2.4 Language attitudes.....	17
2.4.1 Language attitudes and multilingualism in South Asia.....	18
Chapter 3 Methodology.....	20
3.0 Introduction.....	20

3.1 Questionnaire design .....	20
3.2 Administration of the sociolinguistic questionnaire .....	22
3.3 Observations and informal interviews .....	22
3.4 Methods of analysis .....	23
3.5 Methodology evaluation .....	23
Chapter 4 Discussion of findings .....	25
4.0 Introduction.....	25
4.1 Language demographics.....	26
4.2 Language use data .....	26
4.2.1 Research Question 1: What languages are being used in key domains by Nepalis in Chiang Mai? .....	26
4.2.2 Summary of data corresponding to Research Question 1.....	32
4.2.3 Research Question 2: What is the dominant language used by each generation of Nepalis in Chiang Mai?.....	33
4.2.4 Summary of data corresponding to Research Question 2.....	35
4.2.5 Data analysis for Objective 1 .....	36
4.3 Language attitudes data.....	36
4.3.1 Research Question 3: What are the attitudes of Nepalis towards the Nepali language? .....	36
4.3.2 Summary of data corresponding to Research Question 3.....	39
4.3.3 Research Question 4: What are the attitudes of Nepalis towards the languages of wider communication? .....	40
4.3.4 Summary of data corresponding to Research Question 4.....	41
4.3.5 Data analysis for Objective 2.....	42
4.4 Implications for language maintenance .....	43
4.4.1 Research Question 5: How do Nepalis in Chiang Mai perceive their language ability? .....	43
4.4.2 Summary of data corresponding to Research Question 5.....	46
4.4.3 Research Question 6: Do Nepali parents teach their children Nepali in Chiang Mai? .....	48
4.4.4 Summary of data corresponding to Research Question 6.....	48
4.4.5 Research Question 7: What are the differences in language use between first, second and third generation Nepalis in Chiang Mai? .....	49

4.4.6 Summary of data corresponding to Research Question 7.....	50
4.4.7 Data analysis for Objective 3.....	50
4.5 Summary and implications for language vitality.....	50
Chapter 5 Social network analysis.....	52
5.0 Introduction.....	52
5.1 Social network analysis.....	52
5.2 Other sociolinguistic studies in SNA .....	54
5.3 The Nepali network in Chiang Mai .....	57
5.4 Language vitality and SNA among Nepalis .....	58
5.4.1 The nodes in the network map .....	59
5.4.2 The links in the network map.....	60
5.4.3 Binary data.....	61
5.4.4 In-degree and out-degree centrality.....	61
5.4.5 Robust networks and $k$ -cores.....	62
5.4.6 Centrality .....	63
5.4.7 The network weaver.....	64
5.4.8 Linking to periphery networks .....	65
5.5 Evaluation of SNA in sociolinguistic research .....	65
Chapter 6 Summary and conclusions.....	67
6.0 Introduction.....	67
6.1 Conclusions for language use patterns .....	68
6.2 Conclusions regarding the attitudes of Nepalis towards their language and towards the languages of wider communication .....	68
6.3 Conclusions on Nepali language maintenance .....	69
6.4 Conclusions for the future of Nepali spoken in Chiang Mai .....	69
6.5 Conclusions regarding the introduction of a language development / preservation program .....	70
6.6 Limitations of the research .....	71
6.7 Evaluation of the sociolinguistic questionnaire (SLQ).....	71
6.8 Suggestions for further research .....	73
6.9 Summary .....	74
Bibliography.....	76
Appendix 1 Screening Questionnaire.....	83

Appendix 2 Screening Questionnaire Answers.....	85
Appendix 3 Sociolinguistic Questionnaire .....	88
Appendix 4 Sociolinguistic Questionnaire Answer Form .....	93
Appendix 5 Sociolinguistic Questionnaire Responses .....	96

## List of Tables

Table 1. Caste and ethnic groups in Nepal .....	6
Table 2. Subject demographics.....	22
Table 3. Language demographics .....	26
Table 4. Education domain.....	26
Table 5. Childhood language used by parents with interlocutor.....	27
Table 6. Language use by interlocutor with family members .....	27
Table 7. The subjects' children .....	29
Table 8. Cultural domains .....	30
Table 9. Frequency of Nepali language use .....	33
Table 10. Children's perceived language use .....	33
Table 11. Perceived language use among the elderly .....	35
Table 12. Perceived language attitudes towards children's language.....	37
Table 13. Attitudes towards LWC in the home .....	38
Table 14. Attitudes towards language loss.....	38
Table 15. Attitudes towards future for Nepali .....	39
Table 16. Attitudes towards Nepali language .....	39
Table 17. Attitudes towards cross-cultural marriage for interlocutor .....	40
Table 18. Attitudes of cross-cultural marriage for interlocutors' child.....	41
Table 19. Nepali language ability.....	43
Table 20. Perceived Nepali proficiency table .....	43
Table 21. Subjects by generation.....	49
Table 22. Language use with siblings by generation.....	49
Table 23. Binary grid of Nepali network paths .....	61
Table 24. Degree centrality for each Nepali group .....	62

## List of Figures

Figure 1. Map of Nepal.....	2
Figure 2. Map of Thailand and Myanmar .....	3
Figure 3. Map of the provinces of northern Thailand .....	4
Figure 4. A social network diagram.....	14
Figure 5. Interlocutor language use with three generations.....	29
Figure 6. Comparison of family and cultural domains.....	33
Figure 7. Summary of language attitudes data .....	40
Figure 8. Best language according to education level.....	46
Figure 9. Interlocutors' children and language use .....	48
Figure 10. Best language by generation.....	50
Figure 11. Example sociogram .....	53
Figure 12. An example of a complex social network diagram.....	54
Figure 13. Network map of Nepali relationships .....	59
Figure 14. K-core in the Nepali network.....	63
Figure 15. Core/periphery network.....	65