NUMERAL SYSTEM IN MAITHILI

- 2011

A Thesis

Submitted to Central Department of Linguistics Faculty of Humanities and Social Sciences, Tribhuvan University In Partial Fulfillment of the Requirements for Master's Degree

in

Linguistics

Om Prakash Yadav Exam Roll No.: 281865 T.U. Regd. No. : 6-2-12-488-2003

By

Central Department of Linguistics Tribhuvan University, Kirtipur, Kathmandu

2011

LETTER OF RECOMMENDATION

This is to certify that **Mr. Om Prakash Yadav** has completed this thesis on the topic **NUMERAL SYSTEM IN MAITHILI** under my guidance and supervision. I recommend this thesis for evaluation.

.....

Dr. Dan Raj Regmi

Reader

Central Department of Linguistics

Tribhuvan University

Kathmandu, Nepal

Date:

TRIBHUVAN UNIVERSITY

Faculty of Humanities and Social Sciences

Central Department of Linguistics

LETTER OF APPROVAL

This undersigned members of the thesis committee have approved this thesis, entitled **NUMERAL SYSTEM IN MAITHILI** submitted by **Mr. Om Prakash Yadav** to the Central Department of Linguistics, Tribhuvan University, Kirtipur, in partial fulfillment of the requirements for M. A. Degree in Linguistics.

(Dr. Dan Raj Regmi)	
Head and Supervisor	
Central Department of Linguistics	
Tribhuvan University	
Kathmandu, Nepal	

(Prof. Dr. Yogendra Prasad Yadava)

.....

External Examiner

Date:

ACKNOWLEDGEMENTS

First and foremost, I owe a great deal to Dr. Dan Raj Regmi, the Head of the Central Department of Linguistics, T. U. for his constant guidance, insightful comments and genuine encouragement in preparation of this thesis. Therefore, I would like to extend my hearty gratitude to him time and again.

Likewise, I would like to extend my most sincere gratitude to my guru Prof. Dr. Yogendra Prasad Yadava for providing valuable materials, necessary suggestions, cooperation, creative appreciation and perennial inspiration. I am indebted to Prof. Dr. Yadava, whose inspiration, encouragement, enforcement, and feedback proved a boon to me for the preparation of this dissertation.

I can't forget the inspirations and guidelines of Prof. Dr. Madhav P Pokhrel, Mr. Balaram Parsain, Mr. Ram Raj Lohani, Mr. Bhim Lal Gautam, and Mr. Dubinand Dhakal, and all the teachers as well as staff of Central Department of Linguistics for their helps and support.

Similarly, I would like to thank informants' Mr. Dev Narayan Yadav, lecturer of the Patan campus, Mr. Indresh Thakur, Dharmendra Yadav, Santosh Yadav and Aditya Pal and my colleagues Binod, Surya, Sudip, Rajeev, and Asokanand for their direct and indirect contribution and suggestions. I should also mention the help of Amita Madam of the Department library of the Central Department of Linguistics, and the personnel of the Central Library of Tribhuvan University.

My spouse Anju also deserves my special thanks for her love and various types of help she made in the preparation of this work. There are many people who have helped me in this work. I must not fail to appreciate their help.

Finally, I express my deep gratitude to my parents, grandparents, uncle, aunt, my brothers, and all the members of my family whose incessant blessings and support are the sole source of inspiration to me to have this position.

Om Prakash Yadav

ABSTRACT

This work entitled 'Numeral system in Maithili' attempts to describe the phonological, morphological, syntactical, and semantically analysis of numerals in Maithili.

The whole study consists of four chapters whereby the first chapter presents the introduction of the Maithili language. Maithili is a New Indo-Aryan language with SOV word order. It is spoken by a total of about 30 million people in the eastern and north regions of the Bihar state of the north India and south eastern plains, known as the Tarai of Nepal. It is the second major language of Nepal. This first chapter consists of statement of the problem, objectives of the study, review of the literature, significance of the study, and the organization of the study.

The second chapter presents the concept of conceptual background of the numeral system for Maithili. Normally, numeral is a symbol, a word or group of symbols, a word or a figure in a natural language that represents a number, 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9. The third chapter deals with phonological, morphological, syntactic, and semantic analysis of numeral in Maithili. The Maithili cardinal numbers respond to the vowel-raising rule of generative phonology that raises a mid-low or a mid-high vowel one notch up (viz. E, O, e and $o \rightarrow e$, o, i and u respectively) which is followed by a high vowel (viz. i or u) in the immediately following syllable. The permissible syllable cannon in Maithili numeral is CCVC. The Maithili morphology is classified into two categories-basic and derived. There are two classifiers: $-t\bar{a}$ and -got and two clitics: -e and -o in the Maithili language. The Maithili syntactic in/definiteness construction involving cardinal number classifiers, numerals and their order reversal in terms of three points in/definiteness scale, viz. definiteness, antidefiniteness, and indefiniteness have also been discussed in this chapter. In Maithili, the semantics of cardinal numbers expresses three types of concepts: exact quantification, approximate quantification, and non-quantification. This chapter also analyzes the regarding numbers; these can be classified according to their use in Maithili. The last chapter summarizes the whole thesis and presents a brief conclusion.

iv

Table of contents

	Pages
Letter of recommendation	i
Letter of approval	ii
Acknowledgements	iii
Abstract	iv
Table of contents	v
List of tables'	viii
List of figures	Х
List of abbreviations	xi
Chapter 1: Introduction	1
1.1 Background	1
1.2 Statement of the problems	1
1.3 Objectives of the study	1
1.4 Review of the literature	2
1.5 Significance of the study	4
1.6 Research Methodology	4
1.7 Limitations of the study	5
1.8 Organization of the study	5
Chapter 2: conceptual background	6
2.0 Outline	6
2.1 The concept of numerals	6
2.2 Numeral types/categories	8
2.2.1 Cardinal numerals	8

2.2.2 Ordinal numerals	10
2.3 Summary	12
Chapter 3: Numerals in Maithili	13
3.0 Outline	13
3.1 Numerals types/categories	13
3.1.1 Cardinal numerals	14
a. Basic numerals	14
b. Intermediate numerals	15
c. Decade numerals	16
d. Compound numerals	17
i. Hundreds	23
ii. Thousands	23
3.1.2 Fractional numerals	27
3.1.3 Multiplicative numerals	30
3.1.4 Distributive numerals	32
3.1.5 Collective numerals	32
3.1.6 Ordinal numerals	35
3.1.7 Partitive numerals	39
3.1.8 Aggregative numerals	40
3.1.9 Approximative numerals	42
3.1.10 Quantifier numerals	42
3.1.11 Odd and even numerals	43
3.1.12 Decimal numerals	44
3.1.13 Arithmetic numerals	44

3.1.14 Superscripts numerals	45
3.2 Phonology of numerals	45
3.3 Morphology of numerals	46
3.3.1 Classifiers	47
a. The functional range of numeral classifiers	52
3.3.2 Clitics	53
a. Enclitic as definitizer	55
3.4 Syntax of numerals	56
3.5 Semantics of cardinal numbers	58
3.5.1 Exact quantification	58
3.5.2 Approximate quantification	58
3.5.3 Non-quantification	64
3.6 Summary	65
Chapter 4: Summary and conclusion	67
References	70
Appendices	72
Appendix A	

Appendix B

List of Tables

	Pages
Table 2.1: Cardinal numerals	8
Table 2.2 Ordinal numerals	10
Table 3.1: Base numerals in Maithili	14
Table 3.2: Intermediate numerals in Maithili	15
Table 3.3: Decade numerals in Maithili	16
Table 3.4: Compound numerals in Maithili	18
Table 3.5: Compound numerals in Maithili	21
Table 3.6: Hundred in Maithili	23
Table 3.7: Thousand in Maithili	23
Table 3.8: Hundred and thousand in Maithili	24
Table 3.9: Counting numbers are used to learn for children	26
Table 3.10: Fraction numerals in Maithili	27
Table 3.11: Playing cards in Maithili	29
Table 3.12: Multiplicative numerals in Maithili	30
Table 3.13: Multiplicative numerals in Maithili	31
Table 3.14: Other multiplicative numerals in Maithili	32
Table 3.15: Collective numerals in Maithili	33
Table 3.16: Some other counting in Maithili	34
Table 3.17: Weighting the grains for counting in Maithili	35
Table 3.18: Ordinal numerals in Maithili	35
Table 3.19: Ordinal numerals in Maithili	36
Table 3.20: Ordinal numerals in Maithili	37
Table 3.21: Ordinal numerals in Maithili	37

Table 3.22: Ordinal numerals in Maithili	38
Table 3.23: Ordinal numerals in Maithili: a fortnight of lunar month in Maithili	39
Table 3.24: Partitive numerals in Maithili	39
Table 3.25: Aggregative numerals in Maithili	40
Table 3.26: Aggregative numerals in Maithili	41
Table 3.27: Quantifier numerals in Maithili	42
Table 3.28: Odd and even numerals in Maithili	43
Table 3.29: Numerals in Maithili	50

List of Figures

Pages

Figure 2.1: Numeral types/categories	8
Figure 3.1: Numeral types/categories in Maithili	13
Figure 3.2: Types of cardinal numerals	14
Figure 3.3: Open syllable of numeral system in Maithili	46
Figure 3.4: Close syllable of numeral system in Maithili	46

LIST OF ABBREVIATONS

ACC	-	Accusative
AUX	-	Auxiliary
CAUS	-	Causative
CLF	-	Classifier
CLT	-	Clitic
DAT	-	Dative
DO	-	Direct Object
ЕМРН	-	Emphatic
F	-	Female
FUT	-	Future
GEN	-	Genitive
HP	-	High honorific
IMP	-	Imperative
IMPER	-	Imperfect
LOC	-	Locative
М	-	Male
NH	-	Non honorific
NHP	-	Non honorific Particle
NPs	-	Noun phrase
PCL	-	Participle
PERF	-	Perfect
PL	-	Plural
PRS	-	Present Tense
PROG	-	Progressive

PT/PST	-	Past Tense
PTPCL	-	Past Participle
-	-	Length
~	-	Nasalization
*	-	Ungrammatical
1	-	First Person
2	-	Second Person
3	-	Third Person