OKU VERB MORPHOLOGY:
TENSE ASPECT AND MOOD

A Dissertation Submitted in Partial Fulfilment of the Requirements for the Award of a Post-Graduate Diploma, (Maitrise) in Linguistics

Presented by:

EMMANUEL NFORBI
B. A. (HONS) English Language
University of Yaounde

Supervised by:

Madam Rose ZOE Obianga
Senior Lecturer

and

Dr James ROBERTS
Co-ordinator Linguistics Section (SIL)
(Lecturer) (DIAL)

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DEDICATION

To the Linguist

and

The Oku People.
I thank the Almighty God for his maverllous help to me throughout the research period. He provided me with such conscientious surpervisors and helpers like Madam Rose Zoe-Obianga, of the Linguistics Department, and Dr James Roberts and Dr Mfonyam all of the Summer Institute of Linguistics, Yaoundé. Through their encouragement and criticisms this work moved on to completion.

May the whole linguistics staff here find my sincere gratitude. I thank especially Dr Ogwana John who first sowed the seed of linguistics in me. I thank Professor Beban Sammy Chumbow, Dr Tamanji Pius and Mr Jean Nusi who helped this seed to grow.

Mr Njakoi Martin a dynamic Oku elite who is very interested in the development of his language, housed me and worked with me day and night as my main informant during the research period. Other informants like Mr Motika Peter, Nchinda Emmanuel and Bunda Frida, all helped in providing the data for analysis. These informants are just a representation of the many Oku speakers who assisted me. I have just one word to offer: THANKS.

Let me also thank my dear parents for their moral and financial support throughout my educational life. Other family members especially Mr Neba T. Michael and the Nfortehs equally granted me the family warmth and support much needed.
 Amongst the many friends who prayed and supported me were the Tikum’s family, Wancha Titus, Nyamboli Mercy, Atta Sammuel, and my dear landlords Daddy and Mama Mbarika.

Without my dear friend and typist Vensu Alfred Chin, this work would not have left the manuscript in to print. The list is inexhaustive. Once more thanks. To God be the glory.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE PAGE.</td>
<td>i</td>
</tr>
<tr>
<td>DEDICATION.</td>
<td>ii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT.</td>
<td>iii</td>
</tr>
<tr>
<td>ABBREVIATIONS AND SYMBOLS.</td>
<td>x</td>
</tr>
<tr>
<td>ILLUSTRATIONS</td>
<td>xii</td>
</tr>
<tr>
<td><strong>CHAPTER ONE</strong></td>
<td></td>
</tr>
<tr>
<td>1.1 Location of Oku.</td>
<td>1</td>
</tr>
<tr>
<td>1.2 A brief history of Oku</td>
<td>4</td>
</tr>
<tr>
<td>1.3 Linguistic Situation</td>
<td>5</td>
</tr>
<tr>
<td>1.4 Motivation</td>
<td>8</td>
</tr>
<tr>
<td>1.5 Scope of Work</td>
<td>8</td>
</tr>
<tr>
<td>1.6 Literature Review</td>
<td>12</td>
</tr>
<tr>
<td>1.7 Aspects of Phonology</td>
<td>14</td>
</tr>
<tr>
<td>1.7.1 Consonant Phone Chart</td>
<td>14</td>
</tr>
<tr>
<td>1.7.2 Vowel Phone Chart</td>
<td>15</td>
</tr>
<tr>
<td>1.7.3 Consonant Phonemes Chart</td>
<td>15</td>
</tr>
<tr>
<td>1.7.4 Vowel Phoneme Chart</td>
<td>16</td>
</tr>
<tr>
<td>1.7.5 The Syllable Structure</td>
<td>16</td>
</tr>
<tr>
<td>1.7.6 The Tone System</td>
<td>16</td>
</tr>
<tr>
<td><strong>CHAPTER TWO</strong></td>
<td></td>
</tr>
<tr>
<td>2.1 The verb Morpho-syntx and semantics</td>
<td>20</td>
</tr>
<tr>
<td>2.1.1 Definition of the verb</td>
<td>20</td>
</tr>
</tbody>
</table>
2.1.2 Morphology: Definition .............. 21
2.1.3 Grammatical forms of verbs ............ 21
  2.1.3.1 The unmarked form ............... 22
  2.1.3 The marked forms ................. 22
2.1.3 Grammatical forms of verbs ............ 21
  2.1.3.1 The unmarked form ............... 22
  2.1.3 The marked forms ................. 22
2.2 Morphological categories ................. 23
  2.2.1 Inflectional morphology ............ 23
    2.2.1.1 The floating high tone ........ 24
    2.2.1.2 Reduplication plus án (V + V + án) . 25
    2.2.1.3 The men morpheme ............ 25
  2.2.2 Derivational Morphology ............. 27
    2.2.2.1 Affixation .................. 27
      2.2.2.1.1 Prefixes .............. 27
      2.2.2.1.2 Suffixes ............. 28
    2.2.2.2 Conversion ................ 29
  2.3 Morpho-syntactic Inflections ........... 30
    2.3.1 Auxiliaries .................. 31
    2.3.2 Modals: finè, tám ............ 36
  2.4 Syntactic Types .................... 37
    2.4.1 Intransitive ................. 38
    2.4.2 Transitive verbs ............. 38
      2.4.2.1 Optional Transitive Verbs .... 39
      2.4.2.2 Cognate object verbs ....... 39
      2.4.2.3 Ditransitive Verbs ....... 41
  2.5 Semantic Types .................... 42
    2.5.1 Event Verbs ................... 42
      2.5.1.1 Action Verbs ............ 42
      2.5.1.2 Process Verbs ............ 43
2.5.2 State Verbs ........................................ 44
2.5.2.1 Verbs of Inert Perception .............. 44
2.5.2.2 Verbs of Inert Cognition ............ 45

<table>
<thead>
<tr>
<th>CHAPTER THREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1 Tense. ........................................ 46</td>
</tr>
<tr>
<td>3.1.1 Definition of tense ....................... 46</td>
</tr>
<tr>
<td>3.2 The Present tense: unmarked ............. 48</td>
</tr>
<tr>
<td>3.2.1 Performative acts ......................... 49</td>
</tr>
<tr>
<td>3.2.2 Immediate action (recent) .............. 49</td>
</tr>
<tr>
<td>3.3.1 The past tenses ........................... 50</td>
</tr>
<tr>
<td>3.3.2 Today past (P1) .......................... 51</td>
</tr>
<tr>
<td>3.3.3 Yesterday Past (P2) tsii .............. 51</td>
</tr>
<tr>
<td>3.3.4 Remote Past P3 nè ....................... 52</td>
</tr>
<tr>
<td>3.4 The Future Tenses .......................... 53</td>
</tr>
<tr>
<td>3.4.1 The nii future marker (near future F1) 53</td>
</tr>
<tr>
<td>3.4.2 The nàà future marker .................. 54</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAPTER FOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1 Introduction ................................ 55</td>
</tr>
<tr>
<td>4.1.1 Definition of Aspect ..................... 55</td>
</tr>
<tr>
<td>4.2 The Perfective ............................... 56</td>
</tr>
<tr>
<td>4.2.1 The Unmarked Forms ....................... 57</td>
</tr>
<tr>
<td>4.2.1.1 The Present Perfective ................. 57</td>
</tr>
<tr>
<td>4.2.2 The Past Perfective ...................... 58</td>
</tr>
<tr>
<td>4.2.3 The Future Perfective .................... 58</td>
</tr>
</tbody>
</table>
4.3 The Perfect ........................................ 59
  4.3.1 The Perfect and the Perfective ........... 59
  4.3.2 The Marked Form (mēn) .................... 60
    4.3.2.1 The Present Perfect .................. 60
    4.3.2.2 The Future Perfect Aspect .......... 61
  4.3.3 The Experiential Perfect Aspect ......... 62
4.4 The Imperfective Aspect ....................... 63
  4.4.1 The Progressive ............................ 63
    4.4.1.1 The Present Progressive ............ 64
    4.4.1.2 The Past Progressive ............... 64
    4.4.1.3 The Future Progressive ............. 65
  4.4.3 The Continuous Aspect .................... 65
    4.4.3.1 The Present Continuous ............. 67
    4.4.3.2 The Past Continuous ............... 67
    4.4.3.3 Future Continuous .................. 68
  4.4.4 The Habitual ............................... 68
    4.4.4.1 The Present Habitual ............... 68
    4.4.4.2 The Habitual Past .................. 69

CHAPTER FIVE

  5.1 Introduction ................................... 71
  5.1 Definition of Mood ............................ 71
    5.1.1 Modality ................................. 72
      5.1.1.1 Epistemic Modality ................ 73
      5.1.1.2 Deontic Modality .................. 74
    5.1.2 Differences between Mood and Modality .. 74
5.2 Modality in Oku

5.2.1 Tam (Epistemic)

5.3 Moods in Oku

5.3.1 The Indicative Mood

5.3.2 The Mood of Certainty "lê"

5.3.3 Epistemic lù (Mood of Necessity)

5.3.4 Deontic 'lù' (Mood of obligation)

5.3.5 The Imperative Mood

5.3.5.2 Positive Imperative

5.3.5.2 The Negative Imperative

5.3.6 The Interrogative Mood

5.3.6.1 Information Questions

5.3.6.2 The Yes/No Question

CHAPTER SIX

6.1 Summary

6.2 Verb Phrase structure

6.3 Complex constructions

6.4 Relationship between Tense, Aspect and Mood

6.5 Areas for further research

BIBLIOGRAPHY
Abbreviations & Symbols

CV : consonant, vowel 
V : verb 
P1 : Past tense one 
P2 : Past tense two 
P3 : Past tense three 
F1 : near future 
F2 : Distant future 
° : high tone 
- : mid tone 
^ : falling tone 
` : low tone 
Aux : Auxiliary 
Pft : perfect 
Pftv : perfective 
IMPf tv : imperfective 
cert : certainty 
\rightarrow : indicates 
S : subject 
NP : noun phrase 
VP : verb phrase 
O : object 
PP : prepositional phrase 
Ø : unmarked 
Obl : obligation
hab : habitual
Exp : Experiential
NEC : Necessity
SIL : Summer Institute of Linguistics
DGRST: Délégation Générale de la Recherche Scientifique et Technique
Illustrations

1. Familles et groupes linguistiques au Cameroun
   (Linguistic groups in Cameroon) .......................... 2
2. Cameroun: Langues Nationales: Province du Nord-Ouest. (National languages of North-West) .......................... 3
   (Languages of the Grassfield Bantu) .................. 7
4. Consonant Phone Chart .................................. 14
5. Vowel Phone Chart ....................................... 15
6. Consonant Phonemes Chart ............................... 15
7. Vowel Phoneme Chart ..................................... 16
8. Chart 1: Summary of verb forms ....................... 26
9. Chart 2: Derivational prefixes ......................... 28
10. Chart 3: Tense and time ................................. 47
11. Chart 4: Aspectsual frame ............................. 56
12. Chart 5: Moods in Oku .................................. 77
13. The Imperative Mood Chart ............................. 81
CHAPTER ONE

GENERAL INTRODUCTION

1.1 Location of Oku

Oku is situated in the South-West end of Bui Division, North West Province of Cameroon. It is bounded to the east by Nso, to the west by Kom, to the north-west by Mbesenaku, to the north by Noni and to the south by Babungo.
NATIONAL LANGUAGES OF NORTH - WEST

Cameroon: langues nationales. Province du Nord-Ouest

NGERIA

SUD-OUEST

OUEST

BAMENDA

NKAMBE

BALI

district

aires linguistiques de dialectes

province

département

arrondissement

1987

BAMENDA

NKAMBE

BALI

FURU-AWA

limites

chef-lieu

830

Cameroon: languages nationales. Province of North-West

NATIONAL LANGUAGES OF NORTH - WEST

Cameroon: langues nationales. Province du Nord-Ouest

NGERIA

SUD-OUEST

OUEST

BAMENDA

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district

aires linguistiques de dialectes

province

département

arrondissement

1987

BAMENDA

NKAMBE

BALI

FURU-AWA

limites

chef-lieu

830

Cameroon: languages nationales. Province of North-West
1.2 A brief history of Oku

Suinyuy (1985:15-18) a native of Oku, quoting oral traditional sources gives the following account of the Oku people.

A woman named Yiefon and her two brothers Jing and Nyanya left Tikari and moved eastwards after the death of their parents. Yiefon died on the way. The two brothers later moved to different directions. Jing moved north and settled in Tavisa (present day Nso) and Nyanga moved west and settled in present day capital of Oku.

While in Oku, Nyanya met with some settlers called the Ntul. When Nyanya died, his son Mkong Mote succeeded him. When the leader of the Ntul, Ban Kintun died, Mkong Mote seized the throne and made himself leader of the two clans.

It is believed that one of Mkong Mote's sons moved north-west and founded Mbizenaku.

The name of Oku is said to be of lamnso origin. The descendants of Nyamya's brother, Jing, who had settled in Nso invited his own descendants to a house mudding ceremony.

After the work, they were not well fed. They became annoyed and scrapped off the mud from the house. Their lamnso hosts called them 'Vikû'
meaning "those who scrapped". The colonial matters changed it to 'Oku'.

1.3 Linguistic Situation

Hyman (1979) lists Oku along with Kom, Lamnso amongst others as languages of the ring sub-group of the Western Grassfield Bantu languages. This author in a later study of Babanki and the ring languages asserts that Oku is an autonomous language. However Chia (1984) in The indigenous languages of Cameroon refers to Oku as a dialect of lamnso. In the course of this research, it was discovered in line with Hyman (1979) and Suinyuy (1985) that Oku has a geographical, political and linguistic status as a language and not a dialect.

Oku is therefore one of the 270 languages spoken in Cameroon. The Oku people call their language

əblam əbkwo

language of the Oku

Code 825 of ALCAM refers to it as kuo. In English it is called 'Oku' probably an anglicized form of əbkwo.

The linguistic family tree of the Oku is as follows:
Oku belongs to the central king group along with Bum, Mbizenaku. Oku appears to be most closely related to Kom, Mbizenaku, Babanki, and Lamnso each of which borders the Oku territory.
LANGUAGES OF THE GRASSFIELD BANTU

MOMO
- okorobi
- bako
- basa
- ikweri
- kondo
- banya
- ngwo

861. ngwo
- okorobi
- bako
- basa
- ikweri
- kondo
- banya
- ngwo

MENCHUM
- ushe in
- ushaku
- befang
- ga
- okomanja
- bangwe
- obang

852. modelino
- ushe ido
- ushaku
- befang
- ga
- okomanja
- bangwe
- obang

RING
- Centre
- Est

830. lamnso'
- Sud

843. vago
841. konswi
842. barmunka
844. wushi

810. aghem
- wi-isu
- kumfutu
- Fungom
- Ch'a
- Nyos
- Kuk
- aghem

810. aghem
- wi-isu
- kumfutu
- Fungom
- Ch'a
- Nyos
- Kuk
- aghem

821. mmem
822. kom
823. bum
824. babanki
825. kou / oku

821. mmem
822. kom
823. bum
824. babanki
825. kou / oku

BANTOU du GRASSFIELD
- Centre
- Est

830. lamnso'
- Sud

843. vago
841. konswi
842. barmunka
844. wushi

810. aghem
- wi-isu
- kumfutu
- Fungom
- Ch'a
- Nyos
- Kuk
- aghem

812. befut
- beba'
- bufe
811. mundum
- anyang
- mberwi
813. mankon
- maqku
- songwa
- shomba
- mbutu
- akum
- alatining
814. bambili
- mbui
- mbiili
815. nkwen
- nkwen
- mandankwe
817. awing
- mbwa'wi
- barmukumbja
816. pinyin

812. befut
- beba'
- bufe
811. mundum
- anyang
- mberwi
813. mankon
- maqku
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NGEMBA
- Centre
- Est

912. befut
- beba'
- bufe
911. mundum
- anyang
- mberwi
913. mankon
- maqku
- songwa
- shomba
- mbutu
- akum
- alatining
914. bambili
- mbui
- mbiili
915. nkwen
- nkwen
- mandankwe
917. awing
- mbwa'wi
- barmukumbja
916. pinyin

920. ngombale
- Penyu
- Babadjou
- Bameissingue
930. magaka
940. ngomba
- Bame
- Bameindingjou
- Bame
951. ngoumba
- Balatchi
- Banyongong
- Batcham
952. yemba
- yemba-est
- yemba-central
- yemba-ouest
- yemba-sud
- yemba-sud-est
953. gwe

920. ngombale
- Penyu
- Babadjou
- Bameissingue
930. magaka
940. ngomba
- Bame
- Bameindingjou
- Bame
951. ngoumba
- Balatchi
- Banyongong
- Batcham
952. yemba
- yemba-est
- yemba-central
- yemba-ouest
- yemba-sud
- yemba-sud-est
953. gwe

EST-GRASSFIELD

BAMILEKE - CENTRAL
- Centre
- Est

912. befut
- beba'
- bufe
911. mundum
- anyang
- mberwi
913. mankon
- maqku
- songwa
- shomba
- mbutu
- akum
- alatining
914. bambili
- mbui
- mbiili
915. nkwen
- nkwen
- mandankwe
917. awing
- mbwa'wi
- barmukumbja
916. pinyin

920. ngombale
- Penyu
- Babadjou
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- yemba-sud
- yemba-sud-est
953. gwe

NOUN
- Centre
- Est

912. befut
- beba'
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911. mundum
- anyang
- mberwi
913. mankon
- maqku
- songwa
- shomba
- mbutu
- akum
- alatining
914. bambili
- mbui
- mbiili
915. nkwen
- nkwen
- mandankwe
917. awing
- mbwa'wi
- barmukumbja
916. pinyin

920. ngombale
- Penyu
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930. magaka
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930. magaka
940. ngomba
- Bame
- Bameindingjou
- Bame
951. ngoumba
- Balatchi
- Banyongong
- Batcham
952. yemba
- yemba-est
- yemba-central
- yemba-ouest
- yemba-sud
- yemba-sud-est
953. gwe

NORD

900. mungaka
- bali nyanga
- bapakum
- ti
- ndc
901. shu pamom
902. medumba
908. mamanyan

900. mungaka
- bali nyanga
- bapakum
- ti
- ndc
901. shu pamom
902. medumba
908. mamanyan

903. limbum
904. dzodinka
905. mfumte
906. yamba
- ntog
- kwak
- mfe
- sam
907. mba'

903. limbum
904. dzodinka
905. mfumte
906. yamba
- ntog
- kwak
- mfe
- sam
907. mba'

Les langues du bantou du Grassfield
50 langues : zone ALCAM 9 et partie de la zone 8

Siéci Cam. 9 1983
1.4 Motivation

The choice of Oku as my point of focus is not accidental. Oku is one of our national languages. Its morphology has not yet been studied. The first analytical study on the language was on the segmental phonology by Davis (1992). This current study on the verb, is the first in the domain of morphology. Not being a native speaker, I hope to apply purely scientific approaches.

This research hopefully will open more avenues for further research on the language. It will reveal to the Oku people, the richness of their language. It will also contribute to the development of our national languages.

Though dedicated to the linguist and the Oku people, I hope that everybody will find pleasure in reading this work.

1.5 Scope of Work

This study is a genuine attempt to bring the linguist and the native speaker of Oku to discover, each in his own way, the rules that characterize the expression of tense, aspect and mood in Oku.

Due to the limitations of this scope, we have not treated such aspects, as negation, voice, valency repetition and other aspects of the verb not mentioned here.

We intend to break the verb into its morphemes. Our objective, being to study their individual meanings and how
they are expressed in the sentence to indicate tense, aspect and mood in Oku.

SUMMARY OF WORK

The work begins with an introductory chapter. This chapter provides the necessary background and general information on the Oku language. Relevant phonological aspects such as the sound inventory, syllable structure and tone system are highlighted.

In the second chapter, the verb is defined. The various morphological processes that can bring a change in the verb form are explained. The various lexical and grammatical forms are identified separately and then studied in the verb phrase. Possible syntactic structures of the verb phrase are proposed while the verbs are also classified into their syntactic and semantic types.

The rest of the work concentrates on Tense, Aspect, and Mood. In studying these three grammatical categories, each is viewed as a complete system. Our scope is however limited to their grammatical forms, major functions and meanings. Our concern with meaning and syntax have equally been limited to a morphological study of tense, aspect and mood.

Our study of tense in chapter three is limited to absolute tense. Time is only used as a means of expressing tense.
Chapter four looks at aspect in the framework of the perfective/imperfective contrast. Further divisions are made depending on their existence in the language. For instance we examine the forms of the perfective and the subdivisions of the imperfective, progressive, continuous, and habitual.

Mood is treated in chapter five. The various moods and modal forms in the language are identified and studied under the corresponding semantic titles: indicative, certainty, necessity, obligation and interrogative. Modality is also reviewed in this chapter because of its importance in the mood system.

In the concluding chapter, we give a brief summary of the forms attested in the work. We equally indicate the extension of meaning of these forms in complex constructions. We attempt a synchronization of tense, aspect and mood. We end with suggestions for further study and a Bibliography.

Methodology

This research has been carried out on a two-dimensional bases: a research into the universal notion of verb morphology, and a research into the Oku verb morphology.

In looking at the universal notion of the verb morphology, we followed Comrie's (1985) analysis of Tense and Aspect which treats the relationship between these
categories and time. Palmer (1986) and Leech (1971) exhaustively treat the English verb whose morphology is both derivational and inflectional. The notion of the verbal categories is handled more closely by Bybee (1985). She examines the universal treatment of the verb and indicates particular aspects like morphological categories and the relationship between form and meaning.

From the above linguists, a framework for this research was laid. With the help of the Summer Institute of Linguistics (SIL) Questionnaire, a questionnaire was designed which represented the possible types of verbs as well as the morphological aspects to be examined. This constituted the first phase of our research.

The second phase had to do with the research on the Oku verb morphology. With the help of our questionnaire, we met our informants who provided us with the required data for analysis. We cross-checked the same information with different informants. This enabled us to avoid ideolects.

This two-dimension oriented research has the advantage that it widens the scope of the researcher. It gives room to explore more since one is aware of possible aspects to be examined. Thus the researcher is able to discover universal as well as peculiar aspects of the language in question.

We have been guided by the structural and generative theories. We have therefore been eclectic but making use of the best of the theories that could help us in our analysis.
The sentence has been the basis of our analysis. According to Chafe (1970) a sentence is composed of

... a central verb accompanied by one or more nouns, each of which stands in some particular semantic relation to the verb.

The concern here is neither on syntax nor semantics. We have only used the sentence to identify the various morphological categories. Semantics equally comes in, when the relationships between form and meaning are concerned.

1.6 Literature Review

According to ALCAM sources code 825, the following researches have been carried out on Oku language:

1. A list of more than 500 lexical words.
2. A phonological study on the dialects (under study).
3. A deep phonological study of one of the dialects (under study).
4. A morphological sketch on the Noun class by Ngum Peter.
6. An alphabet for transcription of the language in the community under study.
7. A collection of traditional and christian literature.
In addition to the above, the following also exist in the Oku language:

- An Oku language Committee charged with the publication of Oku diaries.

The major published works in the language are the following:

- Hyman (1977) included Oku in his study of the Noun classes of the Ring languages.

- Beatrice Suinyuy an Oku student at the University of Yaounde, wrote an unpublished paper (1985) entitled Determining the linguistic status of Oku.

- Davis (1992) presented a Segmental Phonology of Oku. This was an unpublished masters thesis in the University of Texas at Arlington, U.S.A.

Apart from Davis' (1992), none of the afore-mentioned works have fully analysed any aspect of the language. The earlier researches carried out, were in forms of sketches, or list of words usually with deficiencies especially in the domain of tones.

Suinyuy (1985) limits her study to lexical words with no particular emphasis on the phonology. However, she traces the autonomy of Oku as an independent language.

Davis (1992) presents a sound inventory of the language in her Segmental Phonology of Oku. We have adapted this inventory for this work.

We have added to this, a tone system which gives more meaning to the sounds of the language.
1.7 Aspects of Phonology

We adapt the sound inventory presented by Davis (1992:30). She presents both the phone and phoneme charts of the Oku sound inventory.

According to Davis (1992:31) "... Oku has twenty-one consonant phonemes and seven long vowels."

We have added to the sound system, an analysis of the tone of the language.

1.7.1 Consonant Phone Chart

<table>
<thead>
<tr>
<th></th>
<th>Bilabials</th>
<th>Labiodental</th>
<th>Alveolars</th>
<th>Palatals</th>
<th>Velars</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stops</td>
<td>VL</td>
<td>p</td>
<td>t</td>
<td>tj</td>
<td>k</td>
</tr>
<tr>
<td></td>
<td>VD</td>
<td>b</td>
<td>d</td>
<td>dj</td>
<td>kw</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>nk</td>
</tr>
<tr>
<td></td>
<td>VD</td>
<td>mb</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Fricatives</td>
<td>VL</td>
<td>f</td>
<td>s</td>
<td></td>
<td>f</td>
</tr>
<tr>
<td></td>
<td>VD</td>
<td>v</td>
<td></td>
<td></td>
<td>y</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>yw</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Africates</td>
<td>VL</td>
<td>ts</td>
<td>tf</td>
<td></td>
<td>kf</td>
</tr>
<tr>
<td></td>
<td>VD</td>
<td>bv</td>
<td>dz</td>
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<td></td>
<td></td>
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<td></td>
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<tr>
<td>Nasals</td>
<td>VD</td>
<td>m</td>
<td>n</td>
<td>p</td>
<td>n</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laterals</td>
<td></td>
<td></td>
<td></td>
<td>l</td>
<td>j</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semi-vowels</td>
<td></td>
<td></td>
<td></td>
<td>j</td>
<td>w</td>
</tr>
</tbody>
</table>

(Davis, 1992:55)
### 1.7.2 Vowel Phone Chart

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>unrounded</td>
<td>unrounded</td>
</tr>
<tr>
<td>high</td>
<td>i i j i i</td>
<td>i j i j</td>
</tr>
<tr>
<td></td>
<td>l l j l i</td>
<td></td>
</tr>
<tr>
<td>mid</td>
<td>e e j e:</td>
<td>o o j o:</td>
</tr>
<tr>
<td>low</td>
<td>a aː aː</td>
<td>a a j aː</td>
</tr>
</tbody>
</table>

(Davis, 1992:54)

### 1.7.3 Consonant Phonemes Chart

<table>
<thead>
<tr>
<th></th>
<th>Bilabial</th>
<th>Labiodental</th>
<th>Alveolar</th>
<th>Palatal</th>
<th>Velar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stops</td>
<td>VL</td>
<td>VD</td>
<td>t</td>
<td>k kw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b</td>
<td>d</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>f</td>
<td>s</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yw</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>affricates</td>
<td></td>
<td></td>
<td>ts</td>
<td>dʒ</td>
<td></td>
</tr>
<tr>
<td>nasals</td>
<td>m</td>
<td>n</td>
<td>n</td>
<td></td>
<td></td>
</tr>
<tr>
<td>laterals</td>
<td>l</td>
<td></td>
<td>y</td>
<td>w</td>
<td></td>
</tr>
</tbody>
</table>

(Davis, 1992:31)
1.7.4 Vowel Phoneme Chart

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rounded</td>
<td>unrounded</td>
</tr>
<tr>
<td>high</td>
<td>tense</td>
<td>i ii</td>
</tr>
<tr>
<td>mid</td>
<td>lax</td>
<td>i ii</td>
</tr>
<tr>
<td></td>
<td>tense</td>
<td></td>
</tr>
<tr>
<td></td>
<td>lax</td>
<td>e ee</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Davis, 1992:31)

1.7.5 The Syllable Structure

Davis (1992:19) indicates three types of components of phonological words in Oku: stems, obligatory affixes on nouns, and optional suffixes on verbs. She continues:

... Other parts of speech may also have concord markers (usually prefixed when they are in agreement with a noun. The most common syllable structure pattern in the Oku language is CVC, other patterns are CV, VC, NCV and N.

1.7.6 The Tone System

Davis, (1992) treats the segmental phonology of Oku. She acknowledges that the language is a tone language but does not lay emphasis on it. However, we found it necessary to identify the various tones and contrasts that exist in Oku. Tone differences in the language play a great role in signalling differences in meaning. It plays a grammatical role in the language as will be examined later.
In identifying the tones, we have based our judgement on the melodic pattern of the voice during the production of the words. We have also been assisted by the line provided by Mfonyam (1982) which was consequently adapted in Guide pour le Développement des Systèmes d'Ecriture des langues Africaines 1983. We identified four tones in Oku: high, low, mid, and falling. Examples:

1. High tone
   
   like in gwiya
   coming, come!

2. Mid tone
   
   like in sō, nē
   to P3

3. Low tone
   
   like in ntōn
   pot

4. Falling tone
   
   like in lūm
   bite.

Tone Contrast

Tone contrast can bring change in meaning. In other words, the same words or constructions can signal change in meaning depending on changes in tone. Examples:

1. a) Itém
   cleared land
2. a) kābām
   bag

   b) kābām
   proper name.

3. a) mbān
   nail

   b) mbān
   to nail

4. a) kātām
   elephant

   b) kātām
   trap

5. a) kān
   monkey

   b) kān
   to oblige

6. a) nā  lō
    P3   EXP.
    had  come

   b) nā lō
    P3 Exp.
    came

In the following sentences, the difference is essentially that of tone.
1. má nâ ló gwì  
   I p3 exp. come 
   'I came (yesterday).'

2. má nâ lò gwì  
   I p3 exp. come 
   'I had come (last year).

The only difference in the above sentences is in the high and low tones. The first referring to a nearer past and the second to a distant past.

More on the meaning of the above auxiliaries will be discovered under Tense.
CHAPTER TWO

2.1 The verb: Morpho-syntax and semantics

This chapter focuses on the verb. In it we define the verb and the various morphological processes involved in its forms. In it we equally pay attention to the verb phrase. We look at the syntactic properties that are relevant to the morphology of the verb as far as tense, aspect and mood are concerned. We then consider a classification of the verbs. We do this in their syntactic and semantic types.

2.1.1 Definition of the verb

John Lyons (1968:319) defines the verb as:

... that part of speech without case inflection, admitting inflections of tense, person, and number, etc. signifying an activity or being acted upon.

The grammatical categories of Tense, Aspect and Mood are usually attached to the verb either directly or indirectly. The verb is a very important part of speech. The verb is to the sentence just like the vowel is to a syllable. It forms the nucleus of the sentence. The verb is also the most dynamic part of speech. This dynamism is studied in its morphology.
2.1.2 Morphology Definition

According to Mathews (1973) morphology comes from a Greek word meaning, "... the study of forms" Mathews then goes further to define morphology as:

... a branch of linguistics which is concerned with the forms of words in different uses and constructions.

This definition relates to our study of verb forms. It however lays more emphasis on the forms and their uses than on their derivation.

Huddleton (1988:16) defines Morphology as "concerned with the structure and derivation of words". This definition holds in view, forms and their derivations.

From the above definitions, we can now attempt a working definition of Morphology as:

A branch of linguistics which studies the forms and structures of words, their uses in different constructions, and how they are derived.

Our focus in this section will be on the morpho-syntactic forms of the verb, and the morphological processes involved.

2.1.3 Grammatical forms of verbs

The verb in Oku exists in three forms: an unmarked form or the stem, and marked forms which are imperfective and
perfective respectively. We are however concerned with the forms here.

2.1.3.1 The unmarked form

The verb in the unmarked form is free and is in the infinitive. It usually ends in a mid or unmarked tone. For instance:

1. a) mē:sē 
   abolish

   b) giātē 
   divide

   c) bāklē 
   build

   d) gvēmē 
   bury

   e) dinē 
   show

   f) jēnsē 
   appear

The unmarked forms are forms in which no morphological processes have occurred. They can be called the lexical stems.

2.1.3 The marked forms

The marked forms refer to the forms which have been changed as a result of a morphological process. In Oku, changes in verb forms are usually inflectional through affixation.
2.2 Morphological categories

2.2.1 Inflectional morphology

According to Huddleston (1988:17):

Inflectional morphology is concerned with processes which yield the various inflectional forms of a lexeme from its lexical stem.

In the light of this definition, we can identify the following forms of the verb sē gwī (to come) as inflectional:

2.  a) gwīyé - come!
   gwī gwiyén
   come coming

b) gwīmén
   came

Rule 1: V+ (én) (mén)

The verb ends either in the floating high tone or in the én, and mén morphemes.

Bybee (1985:11) goes further to comment that:

In inflectional expressions, each semantic element is expressed in an individual unit, but these units are bound into a single word. Inflectional expressions may be in the form of affixes added to a stem, or in the form of a change in the stem itself.
As earlier mentioned, the following inflectional forms are evident in Oku.

2.2.1.1 The floating high tone

Verbs in this form end in a high tone irrespective of the suffix appended to the verb. It is because this high tone is grammatical and does not prefer the suffix it goes with at the end of the verb, that we refer to it as a floating tone. Examples:

3. a) mêsé
   abolishing/abolish!

   b) giäté
   dividing/divide!

   c) bâklé
   building/build!

   d) gvāmē
   burying/bury!

   e) dînē
   showing/show!

   f) jēnsē
   appearing/appear!

We therefore have the following structure:

Rule 2: \( V^- \rightarrow V^+ \)

A low tone verb becomes a high tone verb when the floating high tone is added to the suffix.
2.2.1.2 **Reduplication plus án (V + V + án)**

It is an inflection on the verb usually in a reduplicated form. Examples:

4. a) gwì gwìyán
   come coming
   (just) coming

   b) yën yënän
   see seeing
   (just) seeing

   c) bàklō bàklän
   build building
   (just) building

We can derive the following structure:

Rule 3: \( V + V + án \rightarrow VV-án \)

A verb stem plus the same verb stem and the án morpheme, gives the reduplicated form.

More on this form will be examined under the chapter on tense (chapter 3).

2.2.1.3 **The môn morpheme**

The môn form indicates a completed action. Since the action is viewed as a whole and complete, we can refer to it as the perfective. The perfective is always in the môn form which is more specifically a perfect marker. This morpheme can come before or after the verb. It can also go with the various tense markers to give different meanings. Examples:
5. a) Ngum lamén këbán
Ngum cook(perf.) fufu
'Ngum has cooked fufu.'

b) Ngum kë lamén këbán
tsii
Ngum past cook(pft) fufu
'Ngum cooked fufu.'

Here we have the structure

Rule 4: \( S + (\text{Tense}) + V + \text{mën} + O \)
\[ \text{NP Marker NP} \]

We have a subject plus an optional tense markers, plus
the verb ending in the mën morpheme and then an object noun
phrase.

We can summarize the various forms so far attested in
the chart below:

Chart 1: Summary of verb forms

<table>
<thead>
<tr>
<th>Unmarked</th>
<th>Marked</th>
<th>Infinitive</th>
<th>Imperfective</th>
<th>Perfective</th>
<th>English gloss</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. së giätë giätë giätë giätë</td>
<td>giätë giätë</td>
<td>giätë</td>
<td>divide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. së bâklë bâklë bâklë bâklë</td>
<td>bâklë bâklë</td>
<td>bâklë</td>
<td>build</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. së gvëmë gvëmë gvëmë gvëmë</td>
<td>gvëmë gvëmë</td>
<td>gvëmë</td>
<td>bury</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. së dinë dinë dinë dinë</td>
<td>dinë dinë</td>
<td>dinë</td>
<td>show</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. së jënsë jënsë jënsë jënsë</td>
<td>jënsë jënsë</td>
<td>jënsë</td>
<td>appear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. së kë kë kë kë</td>
<td>kë kë</td>
<td>kë</td>
<td>catch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. së kâk kâkë kâkë kâkë</td>
<td>kâkë kâkë</td>
<td>kâkë</td>
<td>promise</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. së tim timë timë timë</td>
<td>timë timë</td>
<td>timë</td>
<td>dig</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The verbs represent various affixes in the infinitive.
2.2.2 Derivational Morphology

Huddleston (1988:18) remarks that "Lexical processes yield a different lexical item from the source, a new item of vocabulary." This remark is similar to another made by Bybee (1985:88) on derivational categories:

One of the properties that characterises derivationally related pairs of words most conspicuously is their tendency to split up to move away from one another both in meaning and in form.

These observations indicate that derivational morphology is lexical in nature. It leads to the formation of a different lexical item from the stem. That is why some people call it lexical morphology. Derivation is through the processes of affixation and conversion in Oku.

2.2.2.1 Affixation

Affixation has to do with adding an affix to a stem: Affixation may or may not result in change of class. For the most part, affixes attach to free stems, that is stems that can stand alone as a word.

2.2.2.1.1 Prefixes

Prefixes refer to affixes that come at the beginning of the word. The /i/ phoneme in Oku, serves as a derivational affix. Nouns are derived from verbs by adding this affix to
the verb as a prefix. Examples can be seen in the following chart.

Chart 2:

<table>
<thead>
<tr>
<th>Verb</th>
<th>Gloss</th>
<th>Noun</th>
<th>Gloss</th>
</tr>
</thead>
<tbody>
<tr>
<td>sɔ  tɔm</td>
<td>to clear</td>
<td>itɔm</td>
<td>clearing</td>
</tr>
<tr>
<td>sɔ  nɔi</td>
<td>to cook</td>
<td>inɔi</td>
<td>cook</td>
</tr>
<tr>
<td>sɔ  kɔk</td>
<td>to climb</td>
<td>ikɔk</td>
<td>climber</td>
</tr>
<tr>
<td>sɔ  fɔ</td>
<td>to give</td>
<td>ifɔ</td>
<td>giver</td>
</tr>
<tr>
<td>sɔ  tʃɛk</td>
<td>to laugh</td>
<td>itʃɛk</td>
<td>laughter</td>
</tr>
<tr>
<td>sɔ  tɔŋ</td>
<td>to cry</td>
<td>itɔŋ</td>
<td>a cry</td>
</tr>
<tr>
<td>sɔ  yɛs</td>
<td>to sweep</td>
<td>iyɛs</td>
<td>sweeper</td>
</tr>
</tbody>
</table>

2.2.1.2 Suffixes

Davis (1992:20) quoting Grebe and Grebe (1976) confirm the existence of the following CV (consonant, vowel) suffixes in Oku:

- tɔ [tsɔ-k-tɔ] - 'to undress'
- sɔ [lùm-sɔ] - 'to boil'
- kɔ [ziɛ-kɔ] - 'to learn or teach'
- nɔ [dziɛ-nɔ] - 'to urinate'
- mɔ [gvɔɛ-mɔ] - 'to bury'
- lɔ/lɛ [bin-lɛ] - 'to turn'
She equally identifies the following CVC forms with the vowel realized as:

```
Front
mid
 lax
unround
```

Examples:

- sin - [ kùp - sùn ] - to change
- tin - [ fəm - tən ] - to ferment
- nin - [ sùn - nən ] - to speak

We notice that the verbs can exist without their affixes. Without the affixes, they give a seomelfactive meaning. That is, the action is considered to be instantaneous. The suffixes give a continuous meaning to the verbs or at least that the action is not instantaneous.

2.2.2.2 Conversion

According to Huddleston (1988:18) "Conversion is where a stem is derived without any change in the form from one belonging to a different class".

In Oku, conversion can take place through tone differences. For instance the verbs:

```
sē mbān
```

to nail

become a noun: mbān from a falling tone to a high tone.
The direction of conversion depends on which meaning is more basic. Conversion achieves the same result as affixation.

The conversion of mbân to mbán has the same effect as the change from têm to itêm which is as a result of affixation.

In the following section, we examine the verb in their syntactic and semantic types.

2.3 Morpho-syntactic Inflections

Huddleston (1988:17) explains different inflectional types

... Inflectional morphology is just one aspect of inflection, the other being syntactic: Inflectional properties are morpho-syntactic. The rules of syntax give the conditions under which a lexeme may or must carry a given inflectional property, while rules of morphology specify what the actual form will be.

Tense, Aspect and Mood markers in Oku, reflect the above observation. These grammatical forms are more relevant to the proposition as a whole than to the verb alone. Thus the morphemes, sê, lê and the auxilairies lù, kô, nô, tsii, nii, and nââ are only morphological, in as much as they are conditioned by the sentence. Similarly the modals; tûm 'may' and fênô 'could' only give a modal meaning in the sentence.
2.3.1 **Auxiliaries**

Crystal (1985) defines the auxiliary as

... A term used in Grammatical description of verb phrase, to refer to the set of verbs, subordinate to the main lexical verb, which help to make distinctions in mood, Aspect, voice etc.

In Oku, auxiliaries play an important part in signalling tense, mood, and aspect. We can hence refer to them as helping verbs as has earlier been done by Ayangoke (1981:35). The following auxiliary forms exist in Oku:

**The sā morpheme**

Characteristically, the 'sā' morpheme, acts as a locative preposition 'to'. In its usage, it acts as a verbal suffix for certain verbs. Examples:

6. a) máisā v-sā
abolish

b) jénsā
appear

It can also serve as an infinitive marker, for instance:

7. a) sē gwi
    to come
    sā + verb

b) sē ndū
    to go

c) sē yič
    to eat
In some constructions it serves as a preposition when it precedes a noun.

8. a) mē ndū sē ndāā
   I go to house
   'I am going to the house.'

   We hence have the structure

   Rule 5: S + V + sē + O
           (NP)   p   N

   Lū 'be'

   This is an auxiliary verb with modal overtones in Oku.

   In the different contexts in which it occurs, it can however give other meanings. In the following example, it gives the modal meaning of necessity.

9. a) ngēk lū sē gwī
    Ngēk be to come
    'Ngek has to come.'

    However, in the example that follows, lū is locative

   b) ndāā fū'ū lū Elāk
      House fu'ū be Elack
      'The nfuh house stands in Elack.'

   It indicates where the nfuh house is located.

   The lū morpheme

   This morpheme occurs in many constructions. It lays emphasis on the past. It hence has a perfect meaning even
though in some contexts, it gives a modal meaning.

Examples:

10. a) ngɛk nɛ lɔ jiɛ kɛbɛn
   Ngɛk P3 cert eat fufu
   'Ngɛk had eaten fufu.'

   b) mɛ sɛ lɔ sɛ ndɛ
       I to cert to go
       'I want to go.'

   c) ɛb nii lɔ ɛfi
       He Fl cert fall
       'He wants to fall.'

When it is used in the future or present tense, it has a modal meaning of certainty.

Rule 6:     nɛ + lɔ + V → Tense
           sɛ + lɔ + sɛ → Mood
           nii + lɔ + V → Mood

kɛ

This morpheme can act as a pronoun, for instance:

11. kɛ nɛ lɔ mɛ ɡan
    It P3 cert just happen
    'It just happened.'

The more usual usage of kɛ is as an auxiliary attached to the verb to signal the past tense though it might also combine with other forms to signal different verbal meanings.
12. mē kā gwì
   I P1 come
   'I came this morning.'

In this context, we refer to it as today Past (P1).

2. Tsii

   It is another past tense marker indicating yesterday Past.

13. mē tsii gwì lán
    I P2 come yesterday
    'I came yesterday.'

3. nā, nā

   These two forms all mark the past tense and will go with lō morpheme to give various past meanings. But in its more characteristic usage it marks P3.

14. mē nā gwì
    I P3 come
    'I came (last week).'

nīi

   It marks the future tense. It may also give a modal meaning. It usually marks tomorrow future.

15. mē nīi gwì
    I P1 come
    'I will come (tomorrow).'

nāā
Marks distant future. For instance, next year.

mā nāa gwì
I P3 come
'I will come (next year).'</n
These auxiliaries can combine with other morphemes or auxiliaries to give various meanings.

17. a) nā gwì
P3 come
'came'

b) nā lò gwì
P3 cert come
'had come'

c) sā lò gwì
to cert come
'use to come'

d) lù sā gwì
be to come
'had to come'

e) kā sā gwì
P1 to come
'has to come'

f) kā fā gwì
not come
'don't come'

These forms together with various adverbials, render meaning in the language in various categories. These forms will be treated in depth in the next chapters.

The syntactic structures of the auxiliaries can be summarized as follows:
The most common auxiliaries, are those in slot one (AUX 1). They usually mark tense. Frequently, (AUX 2) will be a Tense or Aspect marker. However some of these constructions are idiomatic and hence cannot directly give the ordinary meanings of the auxiliaries.

2.3.2 Modals finà, tâm

Modals, are auxiliaries which signal modality. By modality, we refer to what Palmer (1986:21) calls "the grammaticalization of speakers subjective attitudes and opinions". We will now introduce the above mentioned Oku modals.

finà (might, would)

These are all adverbs with modal over tones in the
propositions in which they are used, the invited meaning is that of doubt, or possibility. For instance:

18. má kà lù finà má kà lò gwì
   I Pl be could I Pl cert come
   'I would have come if I was around.'

Tàm (maybe, perhaps)

19. Tàm òb jàá gwì
    maybe he not come
    'He may not come.'

In simple constructions, these adverbials come sentence initial, when they appear in the sentence, it is usually at the beginning of a clause.

2.4 Syntactic Types

Syntactic types, refer to those verbs that influence their objects syntactically. Traditionally, a difference is made between transitive and intransitive verbs. A verb is said to be used transitively when the action or state that it denotes is regarded as going over to, i.e. as directed towards an object. When the action or state is regarded as affecting only the subject, i.e. as not directed towards an object, the verb is called intransitive. In Oku, we identify the intransitive, transitive, cognate objects, and ditransitive verbs.
2.4.1 Intransitive

Here there is only one participant which is the subject. Examples:

20. a) ghēnē nyinē
   They running
   'They are running.'

   b) Ngum ā bōnē
   Ngum sleeping
   'Ngum is sleeping.'

2.4.2 Transitive verbs

Transitive verbs are verbs which must take at least one object. Generally we have two participants. One is the subject and the other is the object. For example:

21. a) Ngūm lā nē yēn nkūn yām
   S  V  O
   Ngum cert P3 see pig
   'Ngum has seen the pig.'

   b) Ngūm ā tēlē wān
   S  V  O
   Ngum beating child
   'Ngum is beating a child.'

   c) Bāā lāņmēn ēmdūk
   Father tap wine
   'Father has tapped wine.'

The last element on each of the sentences above constitutes the object which is immediately preceded by its verb. We therefore have a Rule 8: S V O structure.
2.4.2.1 Optional Transitive Verbs

This refers to verbs that can have an optional object. Without the object, the meaning expressed could still go through. These verbs are not necessarily tied to objects. Examples:

22. a) ghēnē dzēmē (ndāa fēyin)
They praying house God
'They are praying in church.'

   b) āb bē:mē (wēn)
He believes you
'He believes you.'

   c) Ngum ā bō:nē sē ūbkūn
Ngum sleeping to bed
'Ngum is sleeping on the bed.'

We hence have the following structure:

Rule 9: S V (O)

Verbs of this group fall between the transitive and intransitive dichotomy.

2.4.2.2 Cognate object verbs

Cognate object verbs differ from the simple transitive verbs because the latter are not so much tied to any particular object. For instance, the verb:

23. sē yēn
   to see

is not restricted to take
   wil (person)
but can take any other object as long as it is [+ concrete]. In other words, anything that is concrete can be seen, not only a man.

However, verbs with cognate objects have only one object each and these objects are obligatory and inherent to each verb. Examples include the verbs: to urinate, to sing, to play, to dream, to walk. Examples:

24. a) Ngūm dēmā idēm
Ngum play play
'Ngum is playing a play.'

b)  ámb dżēnā ₁idzën
He urinate urine
'He is urinating urine.'

These verbs are tied to their respective objects and interchanging results in ungrammaticality. For instance, you only 'play a play' and 'urinate urine.' Even though it is possible to reduplicate all verbs in Oku, the meaning is not always that of a cognate object. It is possible for instance to derive a reduplicated form from a verb root by adding ₃n to the second root to make for instance:

25. dī diyān
cry crying

Here the second form is a verb and hence not an object. Verbs that depend entirely on their cognate objects are however limited.
2.4.2.3 Ditransitive Verbs

Ditransitive verbs are verbs that have three participants: a subject and two objects. One of the objects is the direct object and is directly affected by the action of the verb, while the other is indirect and not directly affected by the action of the verb.

26. a) Ngūm kə lō fō kātič sē ndifón
   Ngum Pl cert give chair to Ndifon
   "Ngum gave the chair to Ndifon.'

   b) ghēnē kə tūm ndifón sē mē
      They Pl send Ndifon to me
      'They sent Ndifon to me.'

   c) Ngum fēktē fēgāːn sē mē
      Ngum tell story to me
      'Ngum tells me a story.'

Syntactically speaking, these ditransitive verbs have one object and the second is an object of the preposition sō, we therefore have the structure:

Rule 10: \[ S \ V \ O \ sō \ O \]
\[ (NP) \quad (NP) \quad PP \quad NP \]

Summary of Syntactic Types

Rule 11: \[ S \ V \ Intransitive \quad S \ V \]
\[ (NP) \quad (NP) \]

\[ S \ V \ O \ Transitive \quad S \ V \ O \]
\[ (NP) \quad (NP) \]

Optional transitive \[ S \ V \ (O) \]
\[ (NP) \quad NP \]

\[ S \ V \ O \ O \ Ditransitive \quad S \ V \ O \ (sō) \ O \]
\[ NP \quad (NP) \quad PP \quad N \]
2.5 Semantic Types

Here, verbs are grouped with regards to their meanings. Event verbs and state verbs. The Event verbs are further divided into action verbs and process verbs. The state verbs can be viewed in terms of inert perception and inert cognition.

2.5.1 Event Verbs

An event has a beginning and an end. It can be viewed as an entity, and also make up one member of a sequence or plurality of happenings. We can further examine event verbs in the following categories.

2.5.1.1 Action Verbs

Action verbs refer to verbs which involve the use of energy and influence. Action verbs are different from state verbs in that they express visible action. A majority of verbs in Oku fall under this category. Examples:

27. a) sā ndù
to go

b) sē yūn
to buy

c) sē dzēl
to walk
With action verbs, the subject is the agent.

2.5.1.2 Process Verbs

According to Leech (1971) "a process ordinarily has duration which is indefinite". An action is said to be in process when a noun changes its state or condition. Examples:

28. a) Fâkâk sō kùiyâ
tree growing
'The tree is growing.'

b) Fâkâk sō diàfâ
tree getting tall
'The tree is getting tall.'
2.5.2 State Verbs

According to Leech (1971) "A state verb is undifferentiated and lacking in defined limit." He gives the following verbs as examples of state verbs: sleep, be, live, belong, last, like, stand, know, to mention just these. Unless something happens to change the state, the state continues.

Amongst state verbs, we can further make a distinction between inert perception verbs and inert cognition verbs.

2.5.2.1 Verbs of Inert Perception

We can refer to these verbs as sensitive verbs, because they deal with the senses. Examples are:

29. a) sē yiō
    to hear

    b) sē yōn
    to see

    c) sē lēmtē
    to smell

    d) sē mōn
    to taste
2.5.2.2 **Verbs of Inert Cognition**

These are state verbs which involve more feelings than the senses. Examples:

30. a) Njin Yafé mé
    hunger hurt me
    'I am hungry.'

b) kādōn yāfā mé
    neck hurt me
    I am thirsty

Other examples include verbs like bēmē "believe" and lēisē "forget". When a verb expresses a state, the accompanying subject noun phrase is its patient and the verb specifies what it is that is in the state.
3.1 Tense

This chapter focuses on the forms that mark tense in Oku. We situate tense within the context of time, namely: present, past and future. Tense is marked in Oku by the various forms and morphemes we have identified; the unmarked form, the marked forms, and other grammatical morphemes or auxiliaries. kê, tsii, né, nii, nàà. Before getting to their functions, we will discuss the notion of tense in Oku.

3.1.1 Definition of tense

By tense, we are thinking of time and how it is viewed, or located in language. Crystal, (1983:306) defines tense as

... A category used in the grammatical description of verbs, referring primarily to the way the grammar marks the time at which the action denoted by the verb took place.

Comrie (1985:11) explicitly illustrates what he refers to as, "... the grammaticalisation of location in time" in the following diagram:
Chart 3: Tense and time

<table>
<thead>
<tr>
<th>Past</th>
<th>Present</th>
<th>Future</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Present moment of speaking</td>
</tr>
</tbody>
</table>

The horizontal line represents time, the past is conventionally to the left and the future to the right. The 'present' is represented by the point 0 (zero) where the vertical line meets the horizontal one.

As far as absolute tense is concerned then, the reference point is typically the present moment of speaking and tenses locate situations either at the same time as the present moment, or subsequent to the present moment, with further potential categories of degree of remoteness from the present distinguished grammatically.

Tense is a deictic category. In other words, it relates entities to a reference point in time.

Tense though usually regarded as a category of the verb due to its morphological attachment to the verb, is not always a verbal category.

Lyons (1977:675) rightly points out that

... It is referred to as a category of the whole sentence or even logically the whole proposition rather than just some property of the verb, that must be matched against the state of the world at the appropriate time point.
This is evident in Oku as will be exemplified in this chapter.

Comrie (1985:17) further argues that

... Some languages do indeed have bound morphemes attached to the verb, which indicate the time of day at which the situation holds, the precise meaning, e.g. "this morning or some morning in the past, or every morning" will depend on the tense to make this specification.

In Oku, tense is marked by auxiliaries. Adverbials of time also play a great role in specifying the time and context. These various dimensions of the Oku tense markers will be examined in the rest of this chapter. We limit ourselves here to absolute tense. As Comrie (1985:36) puts, absolute tense refers to "... a tense which includes as part of its meaning the present moment as deitic centre." This is opposed to relative tense which does not have the present moment as the deitic centre.

3.2 The Present tense: unmarked

The present tense means coincidence of the time of the situation and the present moment.

Comrie, (1985:37) defines its use as

... referring to situations which occupy a much longer period of time than the present moment, but which nonetheless includes the present moment within them.
In Oku, the present tense is unmarked. It is however used in performative utterances and to express immediate action.

3.2.1 Performative acts

In a performative sentence, the act described by the sentence is performed by uttering the sentence in question. For instance:

1. Má Tsìó sìghəl ə wən gə Bàfon
   I name name his that Bafon
   'I name him Bafon.'

   This statement, constitutes the act of naming the child.

3.2.2 Immediate action (recent)

The infinitive or unmarked forms is also used to express immediate action. This could semantically be read as recent past and recent future. Examples include:

2. a) má gwì kən lənən
   I come just now
   'I have just come.'

   b) Ngüm ə gwì kən lənən
   Ngum o come just now
   'Ngum is coming in a while.'

ə in the second example is not a grammatical marker. It is simply a phonological link.
3. ghõnõ ndû ifàl
we go work
'We are going to work.'

The unmarked form of the present tense can express a lot of other meanings but we limit ourselves here to those that illustrate tenses: that is the present moment of speaking as point of focus.

The marked forms

We refer to marked forms as those that have a grammatical marker for tense. In the Oku language, tense is marked by auxiliaries. We will examine these auxiliaries closely with particular attention to the grammatical categories they indicate.

3.3.1 The past tenses

The past tense refers to the location of a situation in time prior to the present moment of speaking. In other words, the time is situated on the left of zero on the diagram of time on chart page 47.

We will examine the past tense in order of remoteness.
3.3.2 Today past (P1)

kà marks an action that can be situated within the day of speaking. It is hence limited to today that is why we refer to it as Today past, since it marks the most recent past grammatically, we refer to it as past one (P1). This is indicated by the morpheme kà (P1) which precedes the verb. An optional adverbial comes after the verb for emphasis of time. Examples:

4. a) Ndifon kà gwí Bisibisa
Ndifon P1 come in the morning
'Ndifon came this morning.'

b) Ndifon kà gwí lànn
Ndifon P1 come today
'Ndifon came today.'

3.3.3 Yesterday Past (P2) tsii

It is limited to an action that occurred yesterday. The yesterday Past P2 is marked by a second past marker morpheme:

\[
\begin{align*}
\text{tsii} & \\
\text{P2} & 
\end{align*}
\]

It precedes the verb and is followed by an optional adverbial of time.

5. a) Ngümé tsii gwí nà ntùûkè
Ngum  P2 come in night
'Ngum came last night.'
b) Ngüm á tsíi gwí iyíonè
Ngum P2 came yesterday
'Ngum came yesterday.'

3.3.4 Remote Past P3 nè

This covers a remote period, usually indicated by an adverbial of time. The nè morpheme marks the tense which is past, and the adverbial emphasis the time. For instance:

6. Ngum nè gwí abwèi wè ṣb nè Tsán
Ngum P3 come market that it P3 pass
'Ngum came last week.'

Notice that the notion of a week as indicated in the above example is measured in terms of market days. From one market day to the other the period is considered a week.

The yesterday past, can however be marked with the distant past markers with a difference in tone as illustrated below:

7. Mé né ló gwí
I P3 rest come
'I came yester day.'

Here, there is some emphasis on the arrival yesterday. It is a special usage and therefore is more semantic and specified. More commonly, tsíi will mark the yesterday past.

Notice that the change of tone on the above auxiliaries from high to low will give the meaning of a distant past.
3.4 The Future Tenses

With the future tense, the situation or action is located at a time subsequent to the present moment. It is situated on the right of the present moment marked zero. See chart (page 47).

The future tense in Oku is marked by two grammatical markers in order of remoteness into the future:

\[ \text{nìì} \] and \[ \text{nàà} \]

These forms could equally give other future meanings like the potential future and the definite future.

3.4.1 The nìì future marker near future \( F_1 \)

nìì is the first grammatical form that marks future meaning. It precedes the verb in the infinitive or unmarked form.

This covers a period in the future which is nearer, say days, weeks and months. Examples:

9. a) Ngum à nìì gwi né ntsûkà làn
   Ngum P1 come night today
   'Ngum will come this night.'
b) ëb ë nii gwi liki bitsii
He F1 come tomorrow
'He will come tomorrow.'

3.4.2 The nàà future marker

Distant future F2

It covers a distance in the future of about a year or more. The distant future is marked by a grammatical morpheme nàà as indicated in the following examples.

10. Ngum ë nàà gwi ëbàm ë ngúk së tän
Ngum F2 come be year five
'Ngum shall come after five years.'

The tense system in Oku is however more semantically elaborate than what has been grammatically discussed. It is therefore possible to express other possible tense meanings not expressed here. This is especially true of relative tense; that is tense that does not have as its point of reference the present moment. What we have presented, is the essentials of the absolute tense system.
CHAPTER FOUR

ASPECT

4.1 Introduction

This chapter treats the various forms that mark aspect in the Oku language. We examine the marked and unmarked forms within the framework of the perfective and imperfective contrast. Like in the previous chapter, we identify the various grammatical morphemes, the combinations, and the aspectual meanings they convey. We start with a definition of aspect.

4.1.1 Definition of Aspect

Whereas tense examines the concept of time relations, aspect is concerned with the manner in which the verbal action is experienced or viewed.

Comrie (1985:3) defines aspect as "... different ways of viewing the internal temporal constituency of a situation."

Aspect is therefore more concerned with how the action is expressed. Is it a complete or incomplete action? (perfect or imperfect)? How does the action fit into discourse? The answers to these questions are given under aspect.
We can study aspect in Oku, under the framework of the perfective and the imperfective contrast. The perfective is studied in relation to the Perfect Aspect. It is marked in Oku by the mén morpheme.

The imperfective which indicates a progressive or continuous situation can be situated in the present, past and future. It is marked in Oku by a high tone morpheme è and a reduplicated form ending in a sound morpheme án.

The framework can be summarized as follows:

Chart 4: Aspectual Frame

<table>
<thead>
<tr>
<th>ASPECT</th>
<th>PfT</th>
<th>Zn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mén</td>
<td>lò</td>
</tr>
<tr>
<td>IMPftV</td>
<td>progressive: Floating high tone</td>
<td>continuous: Reduplication án</td>
</tr>
<tr>
<td></td>
<td>habitual: séc</td>
<td></td>
</tr>
</tbody>
</table>

4.2 The Perfective

Whereas the perfect lays emphasis on a completed event with relevance or results, the perfective looks at the situation or event as a whole. It is usually used to contrast with imperfectivity which looks at the internal structure of the situation.

The perfective aspect looks at situations from outside
without necessarily distinguishing any of the internal structures of the situation. As Comrie (1985) puts it

... the whole situation is presented as a single unanalysable whole, with beginning, middle and end rolled into one.

Comrie further remarks that the perfective is often referred to as a completed or resultative situation. He however cautions, and rightly, that resultativity is only one possible type of perfectivity, and that the term "completed" puts unnecessary emphasis on the final stage of the situation rather than its meaning.

Perfective meaning can be expressed in the Oku language in the unmarked forms of the verb.

4.2.1 The Unmarked Forms

The unmarked forms refer to those that lack an overt aspect marker. It is hence not specifically marked for perfective or imperfective. We can however read perfective meaning in these forms in the present, past, and future.

4.2.1.1 The Present Perfective

This refers to a situation that is viewed as a whole in the present. Nothing is said about its internal constituency. Examples:
1. a) Ngum gwì
   Ngum come
   'Ngum comes/is coming.'

   b) Ngum sùu dzèsè
   Ngum wash cloths
   'Ngum washes/is washing clothes.'

   The above examples which are in the present, are ambiguous because they are not marked. The ambiguity can be removed if a tense marker indicates the point of reference. This defines the scope of the event and limits it to the past or future.

4.2.2 The Past Perfective

   Here the event is viewed as a whole in the past.

2. a) Ngum kè gwì bīsābisā
    Ngum P1 come morning
    'Ngum came this morning.'

   b) Ngum tsii gwì áyionè
    Ngum P2 come yesterday
    'Ngum came yesterday.'

   Here the adverbials of time lay emphasis to the limits of the event; this morning, and yesterday. It could equally be some other time in the past.

4.2.3 The Future Perfective

   Here the point of reference is in the future. The event is hence viewed as a whole in the future. Examples:
3. a) Ngum nii gwì liki bitsii
   Ngum F1 come tomorrow
   'Ngum will come tomorrow.'

b) Ngum nàá gwì
   Ngum F2 come
   'Ngum shall come.'

In Oku, perfective meaning is expressed more explicitly through the perfect marker.

4.3 The Perfect

These terms are usually used with Aspectual meanings. According to Comrie (1976:52).

The perfect tells us nothing directly about the situation in itself but rather relates some state to a preceding situation.

From this definition we can hence talk of present, past, and future perfect. In other words, the completed event can have results or relevance that persist to a particular moment in the past, present or future.

According to Huddleston (1988:77)

The perfect Aspectual meaning involves a situation resulting from the completion of an earlier situation.

4.3.1 The Perfect and the Perfective

The perfect and the perfective seem to be similar in that they have the notion of completedness. The perfect
looks at the result of this completed event whereas the
perfective looks at the completed situation as a whole.

This similarity can be seen in the following sentence:
"John has broken his leg."
Here, the action can be viewed as complete and a whole.
This gives a perfective meaning. But when we view the event
as having present relevance or result, it is simply perfect.

In Oku, perfective meaning can be semantically expressed in the unmarked form of the verb, that is the free stem or infinitive form. The perfective aspect also characterizes forms with the suffix mën, which can be identified more specifically as perfect aspect. We will now study the mën morpheme in detail.

4.3.2 The Marked Form (mën)

Perfective meaning is expressed in Oku by the perfect marker mën. We are looking at its perfective meaning here, that is considering the situation as a whole. The mën morpheme shows perfect meaning. It can hence be referred to as perfect aspect with perfective meaning.

4.3.2.1 The Present Perfect

4. a) Ngum gwinmën
Ngum come Pft.
'Ngum has come.'
b) Ngum làmén kèbán
Ngum cook Pft. fufu
"Ngum has cooked fufu."

These examples can be viewed as perfect since the result of the past events 'coming' and 'cooking' are relevant now. They are equally perfective since the events are considered as a whole and viewed from outside.

4.3.2.2 The Future Perfect Aspect

The mèn morpheme can also be used to express a future perfect aspectual meaning. Examples:

5. a) Nii lò lù likè bitsii likfè, mè yicmèn
Fl cert obl tomorrow afternoon I eat Pf
'I will have eaten by tomorrow afternoon.'

b) wè nii gwiyè likè bitsii likfè nà fè nè
you Fl come tomorrow afternoon back from bush
mè jècmèn
I eat Pf
'I will have come by tomorrow evening.'

Here, the sentences express a relation between a future state and a situation prior to it, although there is no other specification of the absolute time of that prior action.
4.3.3 The Experiential Perfect Aspect:

\[ nâ + lô + \text{verb} + mén \]

The human mind is endowed with the ability to store information about the past. Comrie, (1985) holds that the experiential perfect refers to a situation that has held at least once during some time in the past reaching up to the present. The emphasis is however on the fact that the event held was complete. We can hence refer to it as perfective since the events are viewed as a whole. Examples:

6. a) Ngum nê lô k53 mén fêe
   Ngum P3 cert. catch Pft. rat
   'Ngum once caught a rat.'

   b) Ngék nê lô binê mén kâbin
   Ngék P3 cert. dance Pft. dance
   'Ngék once danced a dance.'

   c) Ndifon nê lô mén gwî
   Ndifon P3 cert. Pft. come
   'Ndifon once came.'

Notice that the P3 marker is juxtaposed with the indicative modal and the perfective marker to give \[ nâ + lô + \text{verb} + mén \]. This gives the meaning of certainly or assurance of an act once completed in the past.
4.4 The Imperfective Aspect

Definition

Comrie (1985:4) defines the imperfective as

... crucially concerned with the internal structure of the situation, since it can both look backwards towards the start of the situation and look forward to the end of the situation...

The imperfective can be sub-divided into the progressive, continuous and the habitual. The distinction between the progressive and the continuous though slim, still exists as will be illustrated in this chapter.

4.4.1 The Progressive

Leech (1971:17) gives an explicit explanation that the progressive aspect generally has the effect of surrounding a particular event or moment by a temporal frame which can be diagrammed simply as follows:

\[
\begin{array}{ccc}
\text{Past} & \text{Present} & \text{Future} \\
\end{array}
\]

This is within the flow of time, there is some point of reference from which the temporary eventuality indicated by the verb can be seen as sketching into the future and into the past.

The progressive is expressed in the following forms:
A. / The floating high tone morpheme form

This has to do with a high tone at the end of the verb. This can be realized in sentences in all the tenses.

4.4.1.1 The Present Progressive

Here the point of orientation is normally identical with 'now' the present moment of real time. Examples:

7. a) ūb yêmé njàn
   He singing song
   'He is singing a song.'

   b) ghêmé Tsákí
   They jumping
   'They are jumping.'

   c) kàbá sê jôfê gwîyê
      outside good come
      'The weather is getting bright.'

4.4.1.2 The Past Progressive

With the progressive past, some other definite point of reference in the past is assumed. In Oku, this is made explicit with the past tense markers kê, tsii, nê + verb H. Examples:

8. a) ūb kà kèkè kà ūb yēfê
    He P1 look like he ill
    'He was looking ill.'

   b) ūb ë tsii têmé ëbvês
    He P2 shoot fire
    'He was firing a gun.'
c) āb nā māktā ḳātū
   He P3 nodding head
   'He was nodding.'

4.4.1.3 The Future Progressive

   It is marked by the future tense markers nii, and nāa + verb (R).

9. a) mā niř bûnē
     I F1 sleeping
     'I will be sleeping.'

   b) Ngum ū nāa gwiŷē
      Ngum F2 coming
      'Ngum will be coming.'

   Notice that the tense does not change the progressive marker.

4.4.3 The Continuous Aspect

   Definition

   According to Comrie (1976:12) the term 'continuous' is a subdivision of "progressiveness". He defines progressiveness as "the combination of continuousness with nonstativity". The emphasis here seems to be laid on the actuality of the continuity of the event, while the progressive though involving continuity, is more of a process. The continuous aspect is marked in Oku by a reduplicated form.
The Reduplicated Form

Reduplication has to do with iterating or repeating the same form usually for emphasis. In Oku, this form is composed of two forms of the same verb. The first is in the stem or root form. The second in the same form plus a suffix ēn. We hence have the following form.

10. mó gwì gwiyèn
   I come come (cont.)
   'I am continuing to come.'

The stem is free in the first form (that is when it is alone), it is however bound when the suffix ēn is added to it in the second form. Here the emphasis is on the continuousness of the action. This continuity is relevant to the reference point which could be present, past, future.

   Notice that the progressive form earlier illustrated, though engulfing the continuous, does not lay the same emphasis on the continuousness of the action. For instance:

11. mó gwìyé
    I come prog.
    'I am (in the process of) coming.'

   Here the emphasis seems to be laid on the process rather than the continuity. It is possible that the speaker here views the act of coming as a process covering a space in time. The continuous is considered as part of this process.
4.4.3.1 The Present Continuous

This marks an action in progress at the present moment. It gives the meaning of an action still going on. For instance:

12. a) mé yèn yènèn
    I see see (cont.)
    'I am continuing to see.'

    b) mé bàklà bàklèn
    I build build (cont.)
    'I am continuing to build.'

    c) mé giàtè giàtèn
    I divide divide (cont.)
    'I am continuing to divide.'

4.4.3.2 The Past Continuous

This refers to a continuous situation in the past. It lays emphasis on a particular time when you were actually on the move (coming). Examples:

13. a) mé kà gwì gwìyèn
    I P1 come come (cont.) (last night)
    'I was continuing to come.'

    b) mé tsìi gwì gwìyèn
    I P2 come come (cont.)
    'I was continuing to come (yesterday).' 

    c) mé nà là gwì gwìyèn
    I P3 cert come come (cont.)
    'I was coming (last year.)
4.4.3.3 **Future Continuous**

This refers to a situation that will take place in the future. It is expected to stretch continuously within a period.

14. a) mí nii gwí gwíyən
    I F1 come come (cont.)
    'I will be coming (tomorrow).'

b) mí náa gwí gwíyən
    I F2 come come (cont.)
    'I will be coming (next month).'

The continuous can be expressed in all the tenses. Adverbials could be used optionally to indicate the time for precision.

4.4.4 **The Habitual**

According to Comrie (1983:28) the habitual

... describes a situation which is characteristic of an extended period of time. The situation is so extended that it is viewed not as an incidental property of the moment but, precisely as a characteristic feature of a whole period.

We can identify the present habitual and the Past habitual in Oku.
4.4.4.1 The Present Habitual

The present habitual represents a series of recurrent events, actions or situations which as a whole make up a state stretching back into the past and forward into the future. It is marked by sic as the following examples show.

15. a) Ngum ò sic gwì féi bìsà bìsà ìbjìm
   Ngum hab. come here morning all
   'Ngum comes here every morning.'

b) cyìò tsúù sic tòò ìbtsìì ìbjìm
   up sun hab. shine day all
   'The sun shines every day.'

c) ìb kwèlà ñ sic ñàn
   he deficate hab. much
   'He always deficates.'

The habit does hold at the present moment and that is why the present tense in principle is an appropriate tense to use in describing the habitual situation.

4.4.4.2 The Habitual Past

This refers to a situation that used to be habitual in the past. The meaning that accompanies this is that the situation described no longer holds.

In Oku, generally it is the P3 (Past tense) marker nè which goes with the habitual marker sic to mark this aspect. Examples:
16. a) ǝb ná sèc ǝbye kǝlǝ ible
    He P3 hab. he eat cola
    'He used to eat cola.'

    b) ǝb ná sèc yisè nú ǝmdük
    He P3 hab. always drink wine
    'He used to drink wine.'

The past habitual can also go with the experiential
perfect marker lò as in the following examples.

17. a) ǝb sèc lò ǝbyútà kansè
    He hab. cert. kill monkies
    'He used to kill monkies.'

    b) ǝb sèc lò ǝbyè bìn
    he hab. cert. he dance
    'He used to dance.'

With the experiential perfect, the habitual is
emphasised as a property of a particular time long in the
past.

We can observe from the above analysis of Aspect in
Oku, that Aspect is related to tenses while tense simply
situates the action in time. Aspect, observes how this
action is situated in time. It looks at its internal
constituency. It describes the nature of the situation,
usually as complete or incomplete. The link between Tense
and Aspect is so close that the two can be said to
complement each other.
5.1 Introduction

In this chapter, we examine the mood system in Oku. We bring in the notion of modality because the mood system is enriched by the modals. The chapter starts with a general explanation of mood and modality. We then move on to these categoris in Oku. Like in the previous chapters, we pay particular attention to the forms through which mood and modality are expressed.

5.1 Definition of Mood

Mood is a verbal category usually realized in the sentence. According to Palmer (1986:21):

The term 'mood' is traditionally restricted to a category expressed in verbal morphology. It is formally a morpho syntactic category like tense and Aspect, even though its semantic functions relate to the contents of the whole sentence...

This remark indicates that mood is marked by morphological components of the verb in the sentence. This is in line with Bybee (1985:22) that

even though mood is expressed as a verbal
inflection, it is clear that it has the whole proposition on its scope and does not only modify the verb.

The term mood also involves the expression of feelings, emotions and various options of the speaker's statement. Mood is hence subjective because it is up to the speaker to choose the way he says what he says. This ties with Lyons (1968:307) that mood is "... the grammaticalization of speakers subjective attitudes and opinions."

Abangma, (1987) gives three options of mood in his definition when he refers to mood as

speaker's communicative options that serve to identify the speech act in a given clause. The speaker's communicative options might be to inform, request information or command.

These three options give what has been traditionally referred to as the indicative (declarative), interrogative and imperative moods.

5.1.1 Modality

In order to better understand mood in Oku, we need some knowledge of modality.

We can distinguish between grammatical mood and semantic modality just in the same way we distinguish between Tense, a category of grammatical form and Time, and category of meaning.
As Palmer (1986:21) states:

The distinction between mood and modality is then similar to that between tense and time gender and sex.

Huddleston (1988:78) further points out that

Modality is expressed by a variety of linguistic devices, lexical, grammatical and prosodic.

He quotes the following lexical items in English as having modal meanings.

**Modal Verbs**

May, must, can, be, shall, ought

**Modal Adverbs**

Perhaps, maybe, possibly

A distinction has been made between Epistemic and Deontic modalities.

5.1.1.1 **Epistemic Modality**

According to Huddleston (1988:78) "Epistemic derives from the Greek word meaning 'knowledge'. These uses are thus called epistemic because they involve implications concerning the speaker's knowledge of the situations.

He uses the following English sentences for illustration:
(i) He may be ill.
(ii) He must be a friend of hers.
(iii) He will have finished by now.

Without the underlined modals, it is implied that the speaker is sure of his assertion. The modals hence indicate the lack of immediate knowledge to confirm the assertion. We can hence read a conditional meaning, or possibility. In a strong usage it can mean necessity.

5.1.1.2 Deontic Modality

Huddleston (1988:78) similarly traces 'Deontic' from another Greek word meaning 'binding'. In these uses there are implications of obligation, prohibition, permission and the like. In the following examples

(i) You can/may have another apple.
(ii) He must/be in bed before 8 o'clock.
(iii) You shall have your money back.

there is some implied knowledge which binds the assertion.

5.1.2 Differences between Mood and Modality

After explanations of mood and modality, we can identify differences between the two. Mood in Oku seems to be marked on the verb or through auxiliaries. Modality on the other hand is marked by lexical items like modals as earlier shown.
Huddleston (1988:80) summarizes the difference between mood and modality as follows:

Mood involves the grammaticalization of Modality... Mood applies to a system of the verb marked inflectionally or analytically (by auxiliaries) where just one term, the most elementary, is characteristically used, in making assured factual assertions, while the other terms, by contrast are characteristically used to express various forms of Modality.

5.2 Modality in Oku

In our definition of modality, we examined epistemic and deontic meanings. The accompanying meanings or interpretations were: possibility, necessity, prohibition, obligation and permission. The modal adverbials tàm "may", and finê "might", express these meanings.

5.2.1 Täm (Epistemic)

may (possibility)

This adverbial, introduces doubt in the proposition. It gives the interpretation that the occurrence of the event depends on a possibility. It can hence be referred to as epistemic since the notion of possibility (or probability) is carried in the epistemic modality. Examples:

1. a) Täm ìb nàa nàk
   Maybe he F2 write
   'He shall probably write.'
b) Ṣb yáfè yáfèn
maybe he hurt hurt cont
'He may be ill.'

c) Ṣb kà ndùmèn
maybe he P1 go Pft
'He might have gone.'

The presence of Tàm introduces doubt in the proposition. The sentence has the meaning of what Bybee (1985) calls the dubitative. According to her, the dubitative expresses an element of doubt that the event described in the proposition occurred or will occur.

Notice that with the absence of the adverbial Tàm the sentence is without any modal colouring. For instance:

2. a) Ṣb nàà ndù
he F2 go
'He shall go.'

b) Ṣb yáfè yáfèn
he hurt hurt (cont)
'He is ill.'

c) Ṣb kà ndùmèn
he P1 go pert
'He went.'

(finè (possibility))

This is another adverbial which gives the meaning of a possibility expressed by the epistemic modality. Examples include:

3. finè ọ kà nàimèn
might he P1 do pert.
'He might have done it.'
There is a lack of certainty in this statement expressed by "might". It depends therefore on a possibility that he could have done it. The speaker hasn't the immediate knowledge to enable him make a factual statement as

4.  ámb kē naímë
   he Pl do ġert
   'He has done it.'

5.3 Moods in Oku

The mood system in Oku can be divided into the indicative, mood of certainty, the imperative, and the interrogative.

Chart 5:

<table>
<thead>
<tr>
<th>Mood</th>
<th>Indicative</th>
<th>Unmarked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certainty</td>
<td>lö</td>
<td></td>
</tr>
<tr>
<td>Necessity</td>
<td>lù</td>
<td></td>
</tr>
<tr>
<td>Obligation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imperative</td>
<td>án</td>
<td></td>
</tr>
<tr>
<td>Informative</td>
<td>ndë, ghá, ghá</td>
<td></td>
</tr>
<tr>
<td>Yes/no</td>
<td>á</td>
<td></td>
</tr>
</tbody>
</table>

5.3.1 The Indicative Mood

The indicative mood specifies that the speaker knows what he is asserting. It could be stating a fact without
questioning it. Here we talk of the declarative. If it is asking a question of fact, we talk of the interrogative. The declarative, is a term often used in contrast to the interrogative. In Oku, the indicative mood is unmarked.

5.  a) mä dzēmā ăbtsì ăbjèm
    I pray day all
    'I pray every day.'

    b) ăb ă tsì tēmå ăbvås
    he P2 shoot (prog) fire
    'He was firing a gun.'

    c) Ngum nii gwì
    Ngum F1 come
    'Ngum will come.'

The majority of the statements in the language are indicative. This is because it is a simple way of talking. It is only when emphasis is laid on the proposition that we can start reading other moods in them.

5.3.2 The Mood of Certainty "lò"

Emphasis could be laid on the statement by the morpheme lò. It emphasizes the certainty of the occurrence of the event. We can hence refer to lò here as a marker of certainty. Examples include:

6.  a) ăb nìi lò fèi
    he F1 cert fall
    'He will fall.'
These statements do not indicate any doubt on the part of the speaker.

The lô morpheme, has both the meaning of the perfect and mood. Notice that our last example can be interpreted as an experiential perfect (see aspect). This is not surprising since the perfect, especially the past perfect refers to complete, and hence factual events.

5.3.3 Epistemic lù (Mood of Necessity)

Lù can also give the meaning of necessity as the following examples indicate.

7. Wê kê lù sâ nái
   You P1 be to cook.
   'You had to cook.'

Here it indicates the necessity of a particular time in the past to cook.

8. Ngùm lù sâ gwi
   Ngum be to come
   'Ngum is supposed to come.'

There is the need for Ngum to come, so it is necessary that he comes.
5.3.4 Deontic 'lù'

Mood of Obligation

The Deontic Modality can give the meaning of obligation as indicated below.

9. Ngék lù së fënë ilîm ghi
    Ngck obl to see yam that
    'Ngék has to sell those yams.'

Without 'lù' the sentence is reduced to the indicative mood. For instance:

10. Ngék së fënë ilîm ghi
    Ngck inf sells yam this
    'Ngék sells these yams.'

This second sentence, is weaker than the first. There is no sign of obligation in it. The following example further illustrates the modal meaning of lù.

11. Ngék lù së yië kâbäm ki
    Ngck obl to eat fufu this
    'Ngék must eat this fufu.'

Here, Ngék is under the obligation to eat the fufu.

5.3.5 The Imperative Mood

The imperative mood is one of commands, insistence, and obligations. It indicates a great determination. The imperative mood is expressed inflectionally in Oku. It exists in both the floating high tone, and the reduplicated morpheme forms. The following chart illustrates this.
5.3.5.2 Positive Imperative

<table>
<thead>
<tr>
<th>Infinitive</th>
<th>high tone form</th>
<th>reduplicated form</th>
</tr>
</thead>
<tbody>
<tr>
<td>sə mə:sə</td>
<td>mə:sə</td>
<td>mə:sə mə:sən</td>
</tr>
<tr>
<td>to abolish</td>
<td>Abolish!</td>
<td>Abolish quickly!</td>
</tr>
<tr>
<td>sə bəklə</td>
<td>bəklə</td>
<td>bəklə bəklən</td>
</tr>
<tr>
<td>to build</td>
<td>Build!</td>
<td>Build quickly!</td>
</tr>
<tr>
<td>sə gəwɨ</td>
<td>gəwɨyə</td>
<td>gəwɨ gəwɨyən</td>
</tr>
<tr>
<td>to come</td>
<td>Come!</td>
<td>Come quickly!</td>
</tr>
<tr>
<td>sə jiɛ</td>
<td>jiakə</td>
<td>jiɛ jiɛkən</td>
</tr>
<tr>
<td>to eat</td>
<td>Eat!</td>
<td>Eat quickly!</td>
</tr>
</tbody>
</table>

In the high tone form, the verb is usually simple. The subject and the object are only implied. This morpheme is hormophonous to the imperfective usage. The reduplicated form is a combination of the continuous aspect with an imperative mood marker, which is the high tone. The difference between the two is hence just that of tone. The continuous morpheme is with a low tone ēn, while the imperative is in the high tone ēn.

5.3.5.2 The Negative Imperative

The negative states the contrary of what is known or unknown. It emphasizes or warns in the negative form. It is also called the prohibitive mood by some grammarians.

In Oku, it is expressed by

12. kəfə
   Don't
Examples:

a) kōfá ndù
   Don't go!

b) kàfè yiċ kābān kī
   Don't eat fufu that
   'Don't eat that fufu.'

In general, the imperative is marked by the high tone in Oku. This seems obvious since it expresses some obligation or command.

5.3.6 The Interrogative Mood

It indicates a situation of uncertainty which initiates a question. It is usually used in contrast to the declarative. There is controversy over the interrogative as a mood. This is perhaps because all declarative statements could be turned to questions. But in reality, the speaker does this because he is not certain of a fact and needs information. It is hence a mood of uncertainty. Adive (1989) and Tanyi (1990) have convincingly studied the interrogative as a mood in Kenyang and Ebira languages respectively. The interrogative is characterized by a rising intonation at the end of the statement. In Oku, we can divide the interrogative into a) information questions and b) Yes/No questions.
5.3.6.1 Information Questions

This refers to questions that require some information as an answer. The answer thus involves an explanation. In Oku, this is marked by:

13. a) ndé  
   who

   b) ghá  
   what

   c) ghá  
   where.

Examples:

14. a) Yúiti ndé kvéñàm yín  
   kill who pig this  
   'Who has killed this pig?'

   b) ghàsèn ní闺 ghá  
   we Fl what  
   'What should we do?'

   c) mó ndù ghá  lànnàn  
   I go where now  
   'Where will I go now?'

In the above examples, the speaker is uncertain and seeks for information. That is why we call the above forms information questions.

5.3.6.2 The Yes/No Question

This refers to questions that necessitate Yes or No as an answer. The dominant question marker in Oku is a rising
intonation at the end of the sentence. It usually ends with the question morpheme á. Examples:

15. a) wé jiće kàbànà
    you eat fufu
    'Do you eat fufu.'

    b) wé gwiyà
    you come
    'Are you coming?'

    The question marker could be on the object Noun Phrase or on the Verb Phrase depending on which one comes at the end of the sentence.
CONCLUSION

6.1 Summary

We started this study with the aim of studying the various forms of the Oku verb that mark tense, aspect and mood. As such, we studied the various grammatical and lexical forms separately. We viewed their morphological, syntactic, and semantic classifications and functions. We discovered that the Oku verb phrase is made up of a main verb, auxiliaries and modals.

Tense in Oku is a morpho-syntactic property. It is not inflectional like in English where the past tense marker is usually an inflection or suffix at the end of the verb. Auxiliaries like kā, tsī, nā, nii, and nāā mark the various tenses in Oku. Usually, adverbs of time like lân, likë bitsīi, bisëbisë today in the evening, morning precise the time of the event. However, the Oku tense system is similar to that of other grassfield Bantu languages like Bafut.

Aspect, has its own peculiarities as well, though the perfect exist in the unmarked forms of the verb, it is overtly expressed by mën and lō. What is interesting about these morphemes is that mën appear either after the verb, or
before it. "lo is not only an experiential perfect marker, but a mood marker. The imperfective is characterised by
inflections. The floating high tone marks the progressive. Unlike in English, no overt auxiliary marks the continuous.
It is instead marked by a reduplicated form plus 'on in Oku.

Another morpheme s'oc marks the habitual. A common feature of the imperfective in Oku, is that it is marked by
the high tone.

The mood system, is very rich. Apart from the indicative which is unmarked, the auxiliaries lô and lû are
very predominant in the mood system. They mark certainty and necessity respectively. The imperative and the
interrogative are marked by the high tone. This seems to be a common aspect of language since these two moods, involve
emphasis. This emphasis naturally comes at the end of the expression in a rising intonation. It is interesting that
the interrogative in addition to the 'a morpheme which is a marker of Yes/No questions, we also have information
question markers

ndé, ghé, ghá
who, what, where

These markers are similar to what we call the wh- types in English.

The modals,

Tam, finé
may, might,
characterise the epistomic meaning of possibility like in English.
6.2 Verb Phrase structure

I can summarize the verb phrase in Oku as follows:

Rule 11:

(MDL) S . (T) (MD) (PP) V-(INFL) (PP) (O) 
Ø NP Ø sē VP Ø sē NP
finē nii lù sēč /
     nāā lō an
     kē mēn
Tam tsiī nā

Modality Subject Tense Mood PP Aspect PP Object

Inflection

PP - Prepositional Phrase
NP - Noun Phrase
Ø - unmarked

A sentence can take any of the following structures:

MDL S T MD V + INFL + O
MDL S T MD V + INFL
MDL S T MD V
       S T MD V + INFL
          V (INFL)

Modality Subject Tense Mood Verb Inflection object

6.3 Complex constructions

We have endeavoured, to simplify the verb phrase into its simple form. However, there are more complex constructions, which seem to make the verb phrase more striking.

For instance all the past tense markers can come together in the following expression:
2. nè kē tsiî mên gwî
   P3 it P2 Pft come
   'It has already come.
   It has happened.'

   This expression is impersonal and could be referred to as an idiomatic expression. It expresses surprise and despair.

3. kē lû sā gwî
   It NEC to come
   'It had to happen.'

   These expressions are usually impersonal.

4. kē nē lô mé gân gé mé lû sè jiê
   It P3 cert. just happen that I NEC to eat
   'It just happened that I had to eat.'

   In the above three examples, the auxiliary kē is not a Past tense marker but an impersonal pronoun.

   Another observation we discover from these constructions is their structures. For instance if we bring them together, we can have:

5. AUX AUX AUX AUX
   1 2 3 4
   nè kē tsiî mên
   kē niî sâ
   kē nē lô mé

   The structure of these phrases is quite complex and due to our limited scope, we cannot authoritative give their syntactic structures. In a subsequent study of the syntax
of the verb phrase, such constructions could be given closer attention.

6.4 Relationship between Tense, Aspect and Mood

Tense, Aspect and Mood are categories that can further specify or characterize the basic predications which can be referred to as the event. Tense locates the event in time. Aspect characterizes the internal temporal structure of the event. Mood describes the actuality of the event in terms such as, possibility, obligation, necessity, certainty and desirability. This relationship can be illustrated in the following sentence in Oku.

6. Ngum nà lâ gwî fën
Ngum P3 cert. come here
'Ngum once came here.'

This sentence is located in time, which is the past. The past tense marker nà indicates this.

The whole event is viewed as a whole and complete (perfective aspect). The presence of lâ emphasis on the certainty of the speaker. This gives us the mood of certainty.

6.5 Areas for further research

We invite other researchers for a semantic study of the language. We discovered that tone plays a very important part in the morphology of the language. We invite future
researchers to pay particular attention to this domain. We equally call on researchers on tone languages in general to pay particular attention to the tone because it usually constitute part of the grammar of the language.

We believe that this research though modest will provoke constructive criticisms from readers. As such we could be reminded of our short comings which could be perfected in subsequent studies.
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