



# **Typology of the Naga Languages: A Pilot Study**

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**Submitted by**

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## **Preface & Acknowledgements**

Language is dynamic and needs to be documented synchronically and diachronically. Thus, the aim of this study is to provide a comprehensive documentation on the typological features of 17 Naga languages in Nagaland. The research provides the morphological and syntactic typology of the select languages, which eventually leads to a comparative study. All of the Naga languages are verb final, and hence, the Universals concerning verb final languages given by Greenberg 1966 are tested across the 17 languages. This seminal work on the typological comparison of the Naga languages brings out an interesting generalization on the sub-grouping of the Naga languages under the Tibeto-Burman Language family. It is pertinent to mention here that the proposed sub-grouping corroborates the sub-grouping proposed in Ezung 2017 and Ezung 2020.

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The names and details of the numerous language informant have been acknowledged in Appendix 1. We are indebted to each of them for their selfless and valuable contribution in the process of providing and verification of data. It has been an enriching and rewarding experience to have been given a chance to interact with them and the languages which they represent.

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**Abbreviations:**

|          |                          |
|----------|--------------------------|
| ACC      | : accusative             |
| AGT      | : agentive               |
| ASP      | : aspect                 |
| COMP     | : complementizer         |
| COMPR    | : comparison             |
| CP       | : conjunctive participle |
| DAT      | : dative                 |
| DEF      | : definite               |
| DEF. DET | : definite determiner    |
| DEM      | : demonstrative          |
| DES      | : desirative             |
| DET      | : determiner             |
| DIST     | : distal                 |
| ERG      | : ergative               |
| EXIST    | : existential            |
| FEM      | : feminine               |
| FUT      | : future                 |
| GEN      | : genitive               |
| HAB      | : habitual               |
| INT      | : intensifier            |
| LOC      | : locative               |
| MAS      | : masculine              |
| MODF     | : modifier               |
| NEG      | : negation               |
| NOM      | : nominative             |
| OB       | : other benefactive      |



|      |                         |
|------|-------------------------|
| PERF | : perfect               |
| PL   | : plural                |
| POSS | : possessive            |
| PROG | : progressive           |
| PRS  | : present               |
| PST  | : past                  |
| SFM  | : sentence final marker |
| SIM  | : simultaneous          |
| QP   | : question particle     |

## Chapter 1: Introduction

### 1.0 Significance of the study

This study aims to give a comparative typological overview of 17 recognised Naga languages in the State of Nagaland. The languages selected for the study represent the standard variety. They are: Angami (Tenyidie), Ao, Chang, Chokri, Khezha, Khamniungan, Konyak, Liangmai, Lotha, Nthenyi, Nzonkhwe, Phom, Pochury, Sangtam, Sümi/Sütsa, Yimchunger, Zeme. Till date, apart from the works of Ezung 2017 & 2020, there are no other comparative linguistic studies done in these linguistic varieties. Linguistic Survey of India (1903) has given some list of words and sentences of languages of India separately. There are neither works nor attempt to work on the comparative study of these languages nor the documentation of these languages. This report provides a decent knowledge about the grammatical structure of these languages.

### 1.1 Objectives

The main objectives can be summarized below:

- i) To promote, protect, and preserve cultural values and create a sense of pride in one's language, culture and the uniqueness.
- ii) To create awareness that every language is equal and it is an asset rather than a liability.

### 1.2 Methodology

**Data Collection:** The language data for this study was collected through primary source. Altogether, 1218 sentences were collected and analysed. The details of the language informants are given in Appendix 1.

**Transcription & Glossing:** The language data has been presented in the following way:

Line 1: Orthography

Line 2: Phonetic Transcription following the International Phonetic Alphabet

Line 3: Glossing

Line 4: English Translation

**Verification of Data Collected:** The data collected was re-checked for accuracy of transcription and glossing. During this stage the 2019 pandemic occurred and the study was put on hold.

### **1.3 Linguistic Typology**

Language typology classifies languages according to their structural features. Its aim is to describe and explain the common properties and the structural diversity of languages irrespective of the language families it belongs to. Language typology is broadly divided into qualitative typology and quantitative typology. Qualitative typology develops cross-linguistically feasible types that provide a framework for the description and comparison of individual languages such as the word order, and morphosyntactic alignment on core case marking system. Quantitative typology deals with the distribution and co-occurrence of structural patterns in the languages of the world such as, absolute and implicational universals, semantic maps and correlations (areal patterns).

Linguistic Typology is the analysis, comparison, and classification of languages according to their common structural features. The scope of typological comparison is not languages in their entirety, but specific phenomena in the languages compared. Typology is the study of linguistic systems and recurring patterns of linguistic systems. Ever since the work of Greenberg (1966) a cross-linguistic survey of word order leading to a series of implicational universals linguistic typology has grown exponentially. In this pilot study, we look into some structural features and compare these features in Naga languages.

### **1.4 Language Family**

A language family is a set of languages originating from a common ancestor or "parent" /the ancestral *language*, called the proto-language of that family. Languages with a significant number of common features in phonology, morphology, and syntax are said to belong to the same language family. Subdivisions of a language family are called "branches. According to *Ethnologue* there are 7,117 living human languages distributed in 142 different language families. Membership

of languages in a language family is established by research in comparative linguistics. Genealogically related languages present shared retentions; that is, features of the proto-language (or reflexes of such features) that cannot be explained by chance or borrowing (convergence).

#### **1.4.1 Sino-Tibetan language family**

Sino-Tibetan languages include both the Chinese and the Tibeto-Burman languages. In terms of numbers of speakers, they constitute the world's second largest language family (after Indo-European), including more than 300 languages.

Tibeto-Burman languages are spoken in Tibet and in Myanmar (Burma); in the Himalayas, including the countries of Nepal and Bhutan and the North-east region of India, and in Pakistan and Bangladesh. They also are spoken by hill tribes throughout mainland Southeast Asia and central China (the provinces of Gansu, Qinghai, Sichuan, and Yunnan).

## Chapter 2: Typology of Naga Languages

### 2.0 Core Case Marking

Languages are classified depending on the kind of case marking the language employs. Core case marking is a system by which noun is inflected depending on its grammatical function as a subject or object in the sentence. The languages can be divided into Ergative-Absolutive, Nominative-Accusative, Split-S and Fluid S (Dixon 1994). In some languages, the classification depends on whether the subject (S) of an intransitive verb has the same case as the agent (A) or the patient (P) of a transitive verb. If a language has no cases, but the word order is AVP or PVA, then a classification may reflect whether the subject of an intransitive verb appears on the same side as the agent or the patient of the transitive verb. There are many languages that show a mixed of accusative and ergative behaviour.

#### 2.0.1 Ergative and absolutive

Ergative-absolutive alignment is a type of morphosyntactic alignment in which the single argument ("subject") of an intransitive verb behaves like the object of a transitive verb, and differently from the agent of a transitive verb. Ergative-absolutive alignment in Naga languages are illustrated in examples given below. These examples are from Sangtam and Phom.

##### Sangtam

1.       Abi lede trare  
          ʌpi    lete                   tɪʌ-.ɪe  
          she   everyday       cry-HAB  
          ‘She cries everyday.’
2.       Ati-nü shaka mapseko  
          Ati-nə   ʃaka mapseʔ-kʰə  
          Ati-ERG pig   kill-PST  
          ‘Ati killed a pig.’

##### Phom

3.       Püpa münyih thep-peih  
          püpa   müniʔ       tʰʌp-pʌiʔ  
          He   yesterday cry-PST  
          ‘He cried yesterday.’

4. Püpa-i nyihjeih laihiṅ e-nyeih  
 pipa-i njiʔʃeiʔ laihiṅ i-ɲeʔ  
 He-ERG everyday bible read-HAB  
 ‘He reads the bible everyday.’

### 2.0.2 Nominative and accusative

Nominative–accusative languages is where the single argument of an intransitive verb and the agent of a transitive verb (both called the subject) are treated alike and kept distinct from the object of a transitive verb. The nominative-accusative case system in Naga languages is shown in the Lotha and Sümi examples below:

Lotha

5. Ompona engakvü kyala  
 ɔmpɔ-**na** eṅakvə kjʌ-la  
 He-NOM everyday cry-PRS  
 ‘He cries every day’.
6. Abeni-na engakvu Nzamo sala  
 apeni-**na** aṅakvə nzamɔ sa-la  
 Abeni-NOM everyday Nzamo beat-PRS  
 ‘Abeni beats Nzamo everyday.’

Sümi

7. Pa ye tsalakupetsü alu lo wu-cheni  
 pa **je** tsalakupetsə alu lɔ u-ʃeni  
 he NOM everyday field to go-HAB  
 ‘S/he goes to the field everyday.’
8. Pa ye tsalakupetsü kuchouyesü phi - cheni  
 pa **je** tsalakupetsə kutʃoujesə phi-ʃeni  
 he NOM everyday Bible read -HAB  
 ‘S/he reads the Bible everyday’.

### 2.0.3 Fluid S languages

Another type of classification is known as active–stative alignment is a type of morphosyntactic alignment in which the argument ("subject") of an intransitive clause (often symbolized as *S*) is sometimes marked in the same way as an agent of a transitive verb but other times in the same way as a direct object. The morphological case of the language, occurring with arguments of a transitive verb, is marked by using the agentive case for the subject and the patientive case for

the object. The argument of an intransitive verb may be marked as either. Such kind of alignment has been observed in Ao intransitive verbs too (Pangersenla 2009).

9. Tanuri ajeber  
tanur-**i** aʃəb-ər  
child-AGT cry-PRS  
'The child cried.' (controlled)

10. Tanur ajeber  
tanur aʃəb-ər  
child cry-PRS  
'The child cried.'

The marker *i* occurs with subjects of both transitive and intransitive verbs can occur without an overt case marker to mark instances where the speaker wishes to indicate agent involvement in a noteworthy, unexpected, an action that is volitional or deliberate.

11. Narola *i* marok shitok-ogo  
naru-la-**i** maruk ʃituk-uku  
Naro-FEM-AGT cup wash-PERF  
'Narola washed the cup.'

12. Narola marok shitokogo  
naru-la maruk ʃituk-uku  
Naro-FEM cup wash-PERF  
'Narola washed the cup.'

Tenyidie (Kevichüsa, 2007 & Ezung, 2014)

In Tenyidie some core NPs can be marked by the suffix *-e* or else left unmarked. There are some intransitive verbs like *nə* 'to laugh', *rəkhu* 'to cough', *və* 'to go', *vər* 'to come', *nimə par* 'to get angry', which can take either *-e* or zero marking on their S<sup>1</sup> NP depending on the deliberateness of the act. Some other intransitive verbs on the other hand allow only zero marking (these include *sie* 'to die', *memie* 'to grow', *tha* 'to stand', *ze* 'to sleep'). Among transitive verbs some can never have *-e* on their A NP (e.g. *dislike*, *like*). This is when the A NP is a 1/2 singular personal pronoun. If the A NP is a third person it is mostly the case that the occurrence of *-e* is obligatory.

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<sup>1</sup> In Dixon's terminology, S is the subject of an intransitive verb and A is the subject of a transitive verb.

The other transitive verbs may alternate *-e* and zero marking (e.g. *hit, kill, eat, cook, give*).

There is a semantic basis to these alternate markings of A and S; the *-e* suffix indicates that the actor is acting deliberately, or in control of the situation, or for some reason fulfilling some obligation, or emphasizing her/his role in the action.

Examples (13) and (14) illustrate a transitive verb being used in different ways. In sentence (13) we find the occurrence of the suffix *-e* which gives the interpretation of deliberateness, volitionality or emphasis. In contrast, sentence (14) illustrates the absence of *-e* and the interpretation of (13) is lost.

13.       Á-e puo sibo wiwate  
 a-e                   puo     sibo     wi-wa-te  
 I - EMPH/VOL her/his tree cut-COMPL-PERF  
 ‘I have cut her/his tree’. (volitional/emphasizing role of the speaker)

14.       Á puo sibo wiwate  
 a - Ø puo     sibo     wi-wa-te  
 I     her/his tree cut-COMPL-PERF  
 ‘I have cut her/his tree’.

In sentences (15) and (16) the presence and absence of *-e* clearly distinguishes sentence “Tsibu beat” where ‘Tsibu’ is the agent and “(Someone) beat Tsibu” where ‘Tsibu’ is the patient.

15.       Tsibue vüshü  
 tsibu-e       və-ʃə  
 Tsibu-AGT beat-ASP  
 ‘Tsibu beat.’

16.       Tsibu vüshü  
 tsibu - Ø       və-ʃə  
 Tsibu           beat-ASP  
 ‘(Someone) beat Tsibu.’

## 2.1 Tense and Aspect

Languages have grammatical means to indicate the time when an event occurs. This phenomenon is called *tense*. Tense is the location of the state or action in time, that is, whether it is in the past, present or future. In English, for example, the morpheme -



*ed* added to verb *walk* to form *walked*, indicates that the event denoted by the verb occurred before the present time. Aspect deals with the internal constituency of actions, events, states, processes or situations. It is the extension of the state or action in time, that is whether it is unitary (perfective), continuous or repeated (imperfective) or instance, it may indicate that an action is completed or still ongoing. For instance using the *-ing* form of verbs to indicate ongoing processes, as in *He is eating an apple*.

Based on the data collected, the Naga languages appear to follow a tense distinction in terms of [+FUTURE] and [-FUTURE]. All the languages distinctly mark the **future tense [α]**. The [-FUTURE] can further be divided into PRESENT and PAST. The languages may be grouped into two based on the **presence** and **absence** of an **overt morphological realization of the past tense**. Angami (Tenyidie), Ao, Chokri, Khezha, Liangmai, Nthenyi, Nzonkhwe, Pochury and Zeme fall into one group (Group A) with a **null [∅] morphological realisation of the non future**. The data clearly shows that the languages in Group A do not exhibit an overt past tense marker, and the distinction between the present tense and the habitual aspect is blurred. The other languages, namely, Chang, Khamniungan, Konyak, Lotha, Phom, Sangtam, Sümi (Sütsa), and Yimchunger fall into another group (Group B), and exhibit a morphological realization of the **past tense [β]**. Similar to the Group A languages, in the Group B languages too, the distinction between the present tense and the habitual aspect is blurred and hence is represented by [∅]. The grouping of the Naga languages based on tense distinction is given in the figure below:

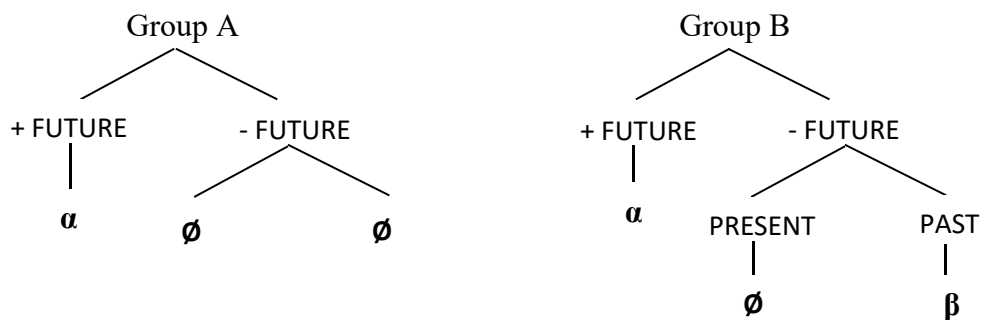


Figure 1.1: Grouping of the Naga Languages based on Tense Distinction

In all the languages the habitual aspect and the present tense is homophonous. The case of Liangmai deserves a special mention as the habitual aspect is formed by a process of reduplication of the verb (sentence 59 & 64). Moreover, in Khamniungan,

Yimchunger, Chang Konyak and Sümi/Sütsa, the progressive aspect too, is homophonous to the habitual aspect and present tense. The tense and aspect markers in the Naga languages are presented below:

|    | Language         | Past        | Present | Future | Progressive | Perfective | Habitual |
|----|------------------|-------------|---------|--------|-------------|------------|----------|
| 1  | Angami(Tenyidie) | ɔ           | ja      | tuo    | ba/tha/zə   | te/ta      | ja       |
| 2  | Ao               | ɔ           | ər      | tsə/ti | ja/a        | uku        | ər       |
| 3  | Chang            | kai/<br>bai | tɿ      | labi   | tɿ          | a          | tɿ       |
| 4  | Chokri           | ə           | jɔ      | təva   | zə          | te         | jɔ       |
| 5  | Khezha           | ɔ           | Jia     | de     | dia/a       | da         | jia      |
| 6  | Khiamniungan     | iŋ/m        | ʃi      | e      | ʃi          | iu         | ʃi       |
| 7  | Konyak           | jɿŋki       | nɿŋ     | lɿk    | nɿŋ         | təpu       | nɿŋ      |
| 8  | Liangmai         | ɔ           | Meŋ     | ɿu     | kin         | iu         | meŋ      |
| 9  | Lotha            | ʃʰɔ         | La      | vi     | vɿnɿ        | tɿkɿ       | la       |
| 10 | Ntenyi           | ɔ           | tɛ̃     | tɛ̃    | pɛ̃         | tʰa        | tɛ̃      |
| 11 | Nzokhwe          | ɔ           | hθ      | ti     | bi          | lɿso       | hθ       |
| 12 | Phom             | pɿi         | peʔ     | hɿn    | piike       | peiʔ/tai   | peʔ      |
| 13 | Pochuri          | ɔ /tʰu      | Ve      | na     | be          | mə-tʰu     | ve       |
| 14 | Sangtam          | ʃɔe         | ɿe      | nuŋ    | jɿle        | kʰɔ        | ɿe       |
| 15 | Sümi/ Sütsà      | va          | ʃeni    | nani   | ʃeni        | vai        | ʃeni     |
| 16 | Yimchunger       | khiɿʔ       | ʃhɔʔ    | bɿɔ    | ʃhɔʔ        | tɔ         | ʃhɔʔ     |
| 17 | Zeme             | ɔ           | zɔi     | ze     | lɿ          | didɿ       | zɔi      |

Figure 1.2: Tense and Aspect Markers in the Naga Languages

Tense and Aspect are suffixed to the verb. In sentences where both tense and aspect occurs, aspects precede the tense markers. The occurrence of tense and aspect in sentences are given in the examples below.

Angami (Tenyidie):

17.       Puo   teisonhie    lie    nu    tsu-ya  
           puo   tisonhie    lie    nu    tsu-**ya**  
           s/he   everyday   field to   go-HAB  
           ‘S/he goes to the field everyday.’

18.       Puo   tsie   lie    nu    tsu-zie  
           puo   tsie   lie    nu    tsu-**zie**  
           s/he   now   field to   go-PROG  
           ‘S/he is going to the field now.’

19.       Puo   sodu   lie    nu    tsu-tuo  
           puo   sodu    lie    nu    tsu-**tuo**  
           s/he   tomorrow field to   go-FUT  
           ‘S/he will go to the field tomorrow.’

20. Puo ndu lie nu tsu  
 puo ndu lie nu **tsu**  
 s/he yesterday field to go.PST  
 ‘S/he went to the field yesterday.’

21. Puo lie nu tsu-te  
 puo lie nu **tsu-te**  
 s/he field to go-PERF  
 ‘S/he has gone to the field everyday.’

22. Puo kra-ya  
 puo kra-ya  
 s/he cry-HAB  
 ‘S/he cries.’

Ao

23. Pa anogo shia alui aor  
 Pa anuku-*f*ia alu-i **u-ər**  
 He day-each field-to go-HAB  
 ‘He goes to the field everyday.’

24. Pa alui aor  
 Pa alu-i **u-ta-ər**  
 He field-to go-PROG-PRS  
 ‘She is going to the field now.’

25. Pa asüŋ alui aotsü  
 Pa asuŋ alu-i **au-tsə**  
 He tommrow field-to go-FUT  
 ‘He will go the field tomorrow.’

26. Pa alui ao  
 Pa alu-i **au**  
 He field-to go.PST  
 ‘He went to the field yesterday.’

27. Pa alui ogo  
 Pa alu-i **u-ku**  
 He field-to go-PERF  
 ‘She has gone to the field.’

28. Pa ajeber  
 pa a<sup>f</sup>əb-ər  
 he cry-PRS  
 ‘He cries.’

Chang

29. Hao chalou-angbou sektou kouda  
 ɦɛ ʃalɔu-ɑŋbɔ ʃɛktɔu kɔudɔ  
 he every day field go-HAB  
 ‘He goes to the field every day.’
30. Sao tou sektou kouda  
 sɔu tɔu ʃɛktɔu kɔu-tɔ  
 she now field go-PRS  
 ‘She is going to the field now.’
31. Sao nyet sektou koulabü  
 sɔu ŋʲet ʃɛktɔu kɔu-lɔbi  
 she tomorrow field go-FUT  
 ‘She will go to the field tomorrow.’
32. Hao mat sektou koukei  
 ɦɛ mət ʃɛktɔu kɔu-kɛi  
 he yesterday field go-PST  
 ‘He went to the field yesterday.’
33. Hao sektou kou-a  
 ɦɛ ʃɛktɔu kɔu-a  
 he field go-PERF  
 ‘He has gone to the field.’
34. Sao chalo-angbou hapda  
 sɔu ʃalɔu-ɑŋbɔ ɦɔp-tɔ  
 she everyday cry-HAB  
 ‘She cries everyday.’

Chokri

35. Pü tüsonha thüra tsü-yo  
 pü tɔsɔnhɔ thɔɔɔɔ ʃʲə-jɔ  
 S/he everyday field go-HAB  
 ‘S/he goes to the field everyday.’
36. Pü tsühi thüra tsü-zü  
 pü tɕʰi thɔɔɔɔ ʃʲə-zɔ  
 S/he now field go-PROG  
 ‘S/he is going to the field now.’
37. Pü südo thüra tsü-tova  
 pü sɔdɔ thɔɔɔɔ ʃʲə-tɔvɔ  
 S/he tomorrow field go-FUT  
 ‘S/he will go to the field tomorrow.’

38. Pü ndo thüra tsü  
 pù ñdó thàrá ʃʷə  
 S/he yesterday field go.PST  
 ‘S/he went to the field yesterday.’

39. Pü thüra tsü-te  
 pù thàrá ʃʷə -té  
 S/he field go-PERF  
 ‘S/he has gone to the field.’

40. Pü tüsonha kra yo  
 pù tèsònhà kià-jə  
 S/he everyday cry-HAB  
 ‘S/he cries everyday.’

Khezha

41. Pu-nü tsütshonyi alo-o mha yea  
 pù-nə̄ tsətshə̄nī èlò: mə̄ **jià**  
 S/he-NOM everyday field go HAB  
 ‘S/he goes to the field everyday.’

42. Pu-nü atsa alo-o mha dea  
 pù-nə̄ ātsā èlò: mə̄ **dīa**  
 S/he-NOM now field go PROG  
 ‘S/he is going to the field now.’

43. Pu-nü theja alo-o mha de  
 pù- nə̄ thēdʒā èlò: mə̄ **dē**  
 S/he-NOM tomorrow field go FUT  
 ‘S/he will go to the field tomorrow.’

44. Pu- nü aja alo-o mha  
 pù-nə̄ èdʒā èlò: **mə̄**  
 S/he- NOM yesterday field go.PST  
 ‘S/he went to the field yesterday.’

45. Pu-nü alo-o mha da  
 pù-nə̄ èlò: mə̄ **dā**  
 S/he-NOM field go PERF  
 ‘S/he has gone to the field.’

46. Pu-nü tsütshonyi kre yia  
 pù-nə̄ tsətshə̄nī krē **jià**  
 S/he-NOM everyday cry HAB  
 ‘S/he cries everyday.’

## Khiamniungan

47. Apa iu ai asaiji ta kei-ji  
 ʌpa iu ai ʌsaiʃi tə kei-ʃi  
 he/she field to everyday go-PRS  
 ‘He goes to the field everyday.’

48. Apa iu ai kei-ji  
 ʌpa iu ai kei-ʃi  
 he/she field to go-PROG  
 ‘She is going to field.’

49. Apa iu ai loum kei-e  
 ʌpa iu ai lu:m ki-e  
 he/she field to tomorrow go-FUT  
 ‘He/she will go to field tomorrow.’

50. Apa mange iu ai keing  
 ʌpa məŋi iu ai ki-iŋ  
 he/she yesterday field to go-PST  
 ‘He/she went to field yesterday.’

51. Apa iu ai kei-iu  
 ʌpa iu ai ke-iu  
 he/she field to go-PERF  
 ‘He/she has gone to the field.’

52. Apa asaiji ta shap-ji  
 ʌpa ʌsaiʃi tə ʃʌp-ʃi  
 he/she everyday cry-HAB  
 ‘He/she cries everyday.’

## Konyak

53. Yha-a ngihjeih kah te ta-nang  
 ja-a ŋjiʔʃaiʔ kaʔ te ta-nʌŋ  
 she-DEM day day field to go-HAB  
 ‘She goes to the field everyday.’

54. I-a sahad kah te ta-nang  
 i-a saʔa kaʔ te ta-nʌŋ  
 he-DEM now field to go-PROG  
 ‘He is going to the field now.’

55. Yha-a ngaingih kah te-talak  
 ja-a ŋainjiʔ kaʔ te ta-lʌk  
 she-DEM tomorrow field LOC go-FUT  
 ‘She will go to the field tomorrow.’

56. I-a müngih kah te wen- yangke  
 i-a mənji ka? te win-**jΛŋki**  
 he-DEM yesterday field to went-PST  
 ‘He went to the field yesterday.’

57. Yha-a kah te ta-tepu  
 ja-a ka? te ta-**təpu**  
 she-DEM field to go-PERF  
 ‘She has gone to the field.’

58. I-a ngihjeih shap-nang  
 i-a nji?ʔfai? sΛp-**nΛŋ**  
 he-DEM everyday cry-HAB  
 ‘He cries everyday.’

Liangmai

59. Paliu nai kanchang chalu meng meng boi  
 peliu nai kəntsΛŋ tsəlu **məŋ məŋ** bəi  
 s/he day every field go HAB SFM  
 ‘S/He goes to the field every day.’

60. Pa tohōi chalu meng kin boi  
 pΛ tōhōi tsəlu məŋ-**kin** bəi  
 s/he now field go-PROG SFM  
 ‘She is going to the field now.’

61. Pa nsunai chalu meng ru boi  
 pΛ nsunai tsəlu məŋ **ɹu** bəi  
 s/he tomorrow field go FUT SFM  
 ‘S/he will go to the field tomorrow.’

62. Pa ndanai chalu meng  
 pΛ nda:nai tsəlu məŋ  
 s/he yesterday field go **PST**  
 ‘S/he went to the field yesterday’.

63. Pa chalu meng boi  
 pΛ tsəlu məŋ bəi  
 s/he field go SFM  
 ‘S/he has gone to the field.’

64. Pa nai kanchang kab-kab boi  
 pΛ nai kəntsΛŋ **kΛb-kΛb** bəi  
 s/he day every cry-HAB SFM  
 ‘S/he cries every day.’

Lotha

65. Ompona engakvü oli woala  
 ɔmpɔ-na ɛŋakvə ɔli wua-**la**  
 he -NOM everyday field go-PRS  
 ‘He goes to the field every day.’
66. Ompvüo enungaoli yia vana  
 ɔmpf(o) enəŋa ɔli jia-**vΛnΛ**  
 she now field go-PROG  
 ‘She is going to the field now.’
67. Ompona ojyua jo oli wov  
 ɔmpɔ-na oʃua ʃɔ ɔli wo-v  
 He-NOM tomorrow AUX field go-FUT  
 ‘He will go to the field tomorrow.’
68. Ompvüo njü jo oli wocho  
 ɔmpf(o) nʃə ʃɔ ɔli wɔ-ʃʰɔ  
 she yesterday AUX field go-PST  
 ‘She went to the field yesterday.’
69. Ompo oli yi taka  
 ɔmpɔ ɔli ji-**tΛkΛ**  
 he field go-PERF  
 ‘He has gone to the field.’
70. Ompona engakvü kyala  
 ɔmpɔ-na ɛŋakvə kjΛ-**la**  
 He-NOM everyday cry-PRS  
 ‘He cries every day.’

Ntenyi

71. Ma atsathang ali wa - ten  
 mΛ ʌtsʌtʰʌŋ ʌli wΛ-**tē**  
 s/he everyday field go-HAB  
 ‘S/He goes to the field every day.’
72. Ma khili ali wa-pen  
 mΛ kʰili ʌli wΛ-**pē**  
 s/he now field go-PROG  
 ‘She is going to the field now.’
73. Ma dhetsü-ü ali wa-ten  
 mΛ tʰitsi-i ʌli wa-**tē**  
 s/he tomorrow field go-FUT  
 ‘S/he will go to the field tomorrow.’



74. Ma ghaani ali wa  
 mΛ uɑ:n̩i ʌli **wa**  
 s/he yesterday field go.PST  
 ‘S/he went to the field yesterday.’

75. Ma ali wa -dha.  
 mΛ ʌli wa:-t<sup>h</sup>a  
 s/he field go-PERF  
 ‘S/he has gone to the field.’

76. Ma atsathang qui-ten  
 mΛ ʌtsʌt<sup>h</sup>ʌŋ q̩i-tē  
 s/he everyday cry-HAB  
 ‘S/he cries every day.’

Nzonkhwe

77. Peche-gü-le khenyütsen low ki tsü-hü  
 pəʃəe-gə-le k<sup>h</sup>ənətsə̃ lɔ ki tsə-**hə**  
 he-DET-NOM everyday field LOC go-HAB  
 ‘S/He goes to the field every day.’

78. Tenugi le ntsoka low ki tsü  
 tən̩u-gə-le ntsəkʌ lɔ ki tsə  
 she-DET-NOM now field LOC go  
 ‘She is going to the field now.’

79. Pechegü-le senduki low kitsü ti  
 pəʃəe(ñə)-gə-le səndəki lɔ ki tsə-**ti**  
 He (PL)-DET-NOM tomorrow field LOC go-FUT  
 ‘He will go to the field tomorrow.’

80. Peche-gü-le ndu low ki tsü  
 pəʃəe-gə-le ndə lɔ ki tsə  
 he-DET-NOM yesterday field to go.PST  
 ‘He went to the field yesterday.’

81. Peche- gü-le low ki tsü-laso  
 pəʃəe-gə-le lɔ ki tsə-**lasə̃**  
 He-DET-NOM field LOC go-PERF  
 ‘He has gone to the field.’

82. Peche- güle khenyütsen chü ho  
 pəʃəe-gə-le k<sup>h</sup>ʌnatse ʃə-**hə**  
 He-DET-NOM everyday cry-HAB  
 ‘He cries every day.’

Phom

83. Püpa nyihjeih kahlei sha-nyeih  
 püpa njiʔʔfei ? kaʔlai ʃaʔ-**peʔ**  
 he everyday field go-HAB  
 ‘He goes to the field everyday.’
84. Pünyiü shahang kahlei shatai-nyüke  
 pinji ʃaʔaŋ kaʔlai ʃatai-**piike**  
 she now field go-PROG  
 ‘She is going to the field now.’
85. Püpa ngünyih kahlei sha-hen  
 püpa ŋipiʔ kaʔlai ʃa-**hʌn**  
 He tomorrow field go-FUT  
 ‘He will go the field tomorrow.’
86. Pünyiü münyih kahlei sha-peih  
 pinji miʔniʔ kaʔlai ʃa-**peiʔ**  
 She yesterday field go -PERF  
 ‘she went to the field yesterday.’
87. Püpa kahlei sha-tai  
 püpa kaʔlai ʃaʔ-**tai**  
 he field go -PERF  
 ‘He has gone to the field.’
88. Pupa nyihjeih thep-nyeih  
 püpa ŋiʔʔʔai tʰʌp-**peʔ**  
 He everyday cry-HAB  
 ‘He cries everyday.’

Pochury

89. Nyimpawa akhuzhu rülorülo wa-veh  
 Njimpawa akʰuzu ɿəɿəɿə wa-**ve**  
 He field day day go-HAB  
 ‘He goes to the field everyday.’
90. Nyimzawa khinyi akhuzhu kuo-wa  
 Njimzawa kʰinji akʰuzu **ko**-wa  
 She now field PROG-go  
 ‘She is going to the field now.’
91. Nyimzawa khinyi kümütsezhü chie-be  
 Njimzawa kʰini kəmətseʒə ʃʰe-**be**  
 She now holy word read-PROG  
 ‘She is reading the bible now.’

92. Nyimpawa akhuzhu thuotü wa-na  
 Njimpawa ak<sup>h</sup>uzu t<sup>h</sup>utə wa-**na**  
 He field tomorrow go-FUT  
 ‘He will go the field tomorrow.’
93. Nyimpawa luonyi akhuzhu wa-(thuo)  
 Njimpawa lunji ak<sup>h</sup>uzu **wa-(t<sup>h</sup>uo)**  
 He yesterday field go-PST  
 ‘He went to the field yesterday.’
94. Nyimzawa akhuzhu wa-ma-thuo  
 Njimzawa ak<sup>h</sup>uzu wa-**mə-t<sup>h</sup>u**  
 She field go-PERF  
 ‘She has gone to the field.’
95. Nyimpawa rülorülo krie-veh  
 Njimpawa .ələ.ələ krie-**ve**  
 He everyday cry-PRS  
 ‘He cries everyday.’

Sangtam

96. Abi lede lu lang würe  
 ʌpi lete lu ʌŋ wə-**ɛ**  
 he everyday field to go-HAB  
 ‘He goes to the field every day.’
97. Abi ade lu lang wüyale  
 ʌpi ʌte lu ʌŋ wə-**jaɛ**  
 he now field to go-PROG  
 ‘She is going to field now.’
98. Abi atu lu lang wüning  
 ʌpi atu lu ʌŋ wə-**nuŋ**  
 he tomorrow field to go-FUT  
 ‘He will go to the field tomorrow.’
99. Abi atü lulang wücho-e  
 ʌpi ʌtə lu ʌŋ wə-**ʧhə**  
 he yesterday field to go- PST  
 ‘He went to the field yesterday’.
100. Abi lulang wüko  
 ʌpi lu-ʌŋ wə-**k<sup>h</sup>ə**  
 he field-LOC go-PERF  
 ‘He has gone to the field.’

101. Abi lede trare  
 ʌpi lete tɪʌ-ɬe  
 she everyday cry-HAB  
 ‘She cries everyday.’

Sütsà (Sümi)

102. Li/Pa ye tsalakupetsü alu lo wu cheni  
 li/pa je tsalakupetsə alu lo u **tjeni**  
 She/He NOM everyday field to go HAB  
 ‘S/he goes to the field everyday.’
103. Li/Pa ye itehi alu lo wu cheni  
 li/pa je itehi alu lo u **tjeni**  
 She/he NOM now field to go PROG  
 ‘S/he is going to the field now.’
104. Li/Pa ye thoghiu alu lo wu nani  
 li/pa je thoyeu alu lo u **nani**  
 S/he NOM tomorrow field to go FUT  
 ‘S/he will go to the field tomorrow.’
105. Li/Pa ye ighina alu lo wu va  
 li/pa je eyena alu lo u **va**  
 S/he NOM yesterday field to go PST  
 ‘S/he went to the field yesterday.’
106. Li/Pa ye alu lo wu-vai  
 li/pa je alu lo u-**vai:**  
 S/he NOM field to go-PERF  
 ‘S/he has gone to the field.’
107. Li/Pa ye tsalakupetsü qa-a cheni  
 li/pa je tsalakupetsə qa: **tjeni**  
 S/he NOM everyday cry HAB  
 ‘S/he cries everyday.’

Yimchunger

108. Api nimongapan thüluching yüchoh  
 abi nimoŋ.ʌpʌn thuluʃhiŋ wɜ:ʃhɔ?  
 she everyday field go-PRS  
 ‘She goes to the field everyday.’
109. Api khiakü thüluching yüchoh  
 abi khiakə thuluʃhiŋ wɜ:ʃhɔ?  
 he now field go-PROG  
 ‘He is going to the field now.’

110. Api sheto thüluching yüpah  
 abi jitöthu lufhiñ w3:bΛə  
 she tomorrow field go-FUT  
 ‘She will go to the field tomorrow.’
111. Api thüluching müyüh  
 abi thuluŋhiñ **mi-3:**  
 She field NEG-go  
 ‘She will not go to the field.’
112. Api yine thüluching yükheah  
 abi jini thuluŋhiñ w3:khiΛ?  
 he yesterday field go-PST  
 ‘He went to the field yesterday.’
113. Api thüluching yüto  
 abi thuluŋhiñ w3:tə  
 he field go-PERF  
 ‘He has gone to the field.’
114. Api nimongapan tripchoh  
 abi jimoŋ.ΛpΛn trip-ŋhə?  
 he everyday cry-HAB  
 ‘He cries everyday.’

Zeme

115. Pa tingnai ramsangne helu meimei zoi  
 pΛ tiŋnai rΛmsaŋnΛ helu meime **zoi**  
 s/he day every field go HAB  
 ‘S/He goes to the field every day.’
116. Pa chu helu mei lah  
 pΛ tsu helu mei **lΛ**  
 She now field go PROG  
 ‘She is going to the field now.’
117. Pa nchune helu mei zei  
 pΛ ntsune helu mei **ze**  
 S/he tomorrow field go FUT  
 ‘S/he will go to the field tomorrow.’
118. Pa nzehne helu ga mei  
 pΛ nzene helu **mei**  
 S/he yesterday field go.PST  
 ‘S/he went to the field yesterday.’

119. Pa helu mei didah.  
 pʌ helu mei didʌ  
 S/he field go PERF  
 ‘S/he has gone to the field.’
120. Pa tingnai ramsang hap bam zoi  
 pʌ tiŋnai rʌmsʌŋ hʌp bʌm zoi  
 S/he day every cry PROG HAB  
 ‘S/he cries every day.’

## 2.2 Negation

*Negation* is a grammatical construction that contradicts (or negates) all or part of the meaning of a sentence. Negation is also known as a *negative construction* or *standard negation*. In English, the negative particle is *not* or the contracted negative *n't*. Other negative words include *no*, *none*, *nothing*, *nobody*, *nowhere*, and *never*. Negative word can be formed by adding the prefix *un-* to the positive form of a word (as in *unhappy* and *undecided*). Negation in Naga languages are achieved through affixation.

The position of the negative marker varies. It is prefixed in some languages and suffixed in some. Lotha has both suffix and prefix. The chart below shows which languages have prefixation and which have suffixation:

|           | Prefix  | Suffix   |
|-----------|---|--|
| Langauges | Ao, Ntenyi, Khamniungan, Phom, Yimchunger, Chang, Konyak, Lotha | Tenyidie, Liangmai, Zeme, Nzokhwe, Sümi, Chokri, Khezha, Sangtam, Pochuri, Lotha |

Figure 1.3: Position of Negation

The data collected from 17 langauges shows that in ten lanaguges the negation is suffixed to the verb and in seven lanagues it is prefixed to the verb. The sentences below demonstrate the occurrence of negation in verbs and in sentences.

### Angami (Tenyidie)

121. cümo cü  
 ʃə -mɔ ʃə  
 eat-NEG eat.PST  
 ‘did not eat’ ‘ate’

122. Puo lie nu tsu tuo  
 puo lie nu tsu tuo  
 s/he field PP go FUT  
 ‘she will go to the field.’

123. Puo lie nu tsu lho  
 puo lie nu tsu **lhɔ**  
 s/he field PP go NEG  
 ‘she will not go to the field.’

Ao

124. Pa alui maotsü  
 pa alu-i **ma**-u-tsə  
 S/he field NEG- go-FUT  
 ‘She will not go to the field.’

125. Pa alui aotsü  
 pa alu-i aru-tsə  
 S/he field go-FUT  
 ‘She will not go to the field.’

Chang

126. Sao sektou akoulabü  
 sɔu sektɔu **a**-kɔu-labi  
 she field NEG-go FUT  
 ‘She will not go to the field.’

127. Sao nyet sektou koulabü  
 sɔu ŋʷet sektɔu kɔu-labi  
 she tomorrow field go-FUT  
 ‘She will go to the field tomorrow.’

Chokri

128. Pü thüra tsü-hote  
 pù thə́iá tʃʰə́-**hote**  
 She field go-NEG  
 ‘She will not go to the field.’

129. Pü südo thüra tsü-tova  
 pù sədɔ́ thə́iá tʃʰə́ -tɔ́vá  
 S/he tomorrow field go-FUT  
 ‘S/he will go to the field tomorrow.’

Khezha

130. Pü- nü elou mha ha  
 pü- nē ɛ́lɔ́ː mhä **ha**  
 She-NOM field go NEG  
 ‘She will not go to the field.’

131. Pu-nü theja alo-o mha de  
 pü- nē thēdʒä ɛlɔː mhä dē  
 S/he-NOM tomorrow field go FUT  
 ‘S/he will go to the field tomorrow.’

Khiamniungan

132. Apa eiu ai tsü-eiu  
 ʌpa iu ai tsə-aiu  
 she field to NEG-go  
 ‘She will not go to the field’.
133. Apa iu ai loum kei-e  
 ʌpa iu ai lu:m ki-e  
 he/she field to tomorrow go-FUT  
 ‘He/she will go to field tomorrow.’

Konyak

134. Ya-a kahte yetalak  
 ja-a kʌʔte ye-ta-lʌk  
 she-DEM field NEG-go-FUT  
 ‘she will not go to the field.’
135. Yha-a ngaingih kah te ta-lak  
 ja- a ŋainjiʔ kaʔ te ta-lʌk  
 She-DEM tomorrow field to go-FUT  
 ‘She will go to the field tomorrow.’

Liangmai

136. Pa chulu meng - ma ru boi.  
 pʌ tsəlu meŋ mʌ ru bɔi  
 S/he field go NEG FUT SFM  
 ‘She will not go to the field.’
137. Pa nsunai chalu meng ru boi.  
 pʌ nsunai tsəlu meŋ ru bɔi  
 s/he tomorrow field go FUT SFM  
 ‘S/he will go to the field tomorrow.’

Lotha

138. Ompvuo nchungo oli n-vo  
 ompf(o) nʃəŋɔ ɔli n-vɔ  
 she today field NEG-go  
 ‘She will not go to the field today’.



139. Ompvuo nchungo oli vo-mek  
 ompf(o) nʃəŋə ɔli vɔ-**mek**  
 she today field go-NEG  
 ‘She will not go to the field today.’

140. Ompona ojyua jo oli wov  
 ɔmpɔ-na oʃua ʃɔ ɔli wo-v  
 He-NOM tomorrow DET field go-FUT  
 ‘He will go to the field tomorrow.’

Ntenyi

141. Ma ali n-wale  
 mʌ ʌli n-wale  
 S/he field NEG-go  
 ‘She will not go to the field.’

142. Ma dhetsü-ü ali wa-ten.  
 mʌ tʰitsi -i ʌli wa-tẽ  
 s/he tomorrow field go-FUT  
 ‘S/he will go to the field tomorrow.’

Nzokhwe

143. A-le loo ki tsü nyü-mvü  
 a-le lɔ ki tsə nɛ-**mvə**  
 S/he field to go want-NEG  
 ‘She does not want to go to the field.’

144. Pechegü-le senduki low ki tsüti  
 pəʃæ(ñə)-gə-le sændeki lɔ ki tsə-ti  
 He (PL)-DET-NOM tomorrow field to go-FUT  
 ‘He will go to the field tomorrow.’

Phom

145. Pünyiu kahlei na-sha-peih  
 pɪnjɪ kaʔʌi na-ʃaʔ-peiʔ  
 she field NEG-go-PERF  
 ‘She will not go to the field.’

146. Püpa ngünyih kahlei sha-hen  
 pɪpa ŋɪniʔ kaʔʌi ʃa-hʌn  
 he tomorrow field go-FUT  
 ‘He will go the field tomorrow.’

Pochury

147. Nyimpawa akhuzhu-vü küwa-nyü  
 nʃimpawa akʰuzu -və (kuo)-wa-**nyü**  
 he field-ACC (ko)-go-NEG  
 ‘He will not go to the field.’

148. Nyimpawa akhuzhu thuotü wa-na  
 njimpawa ak<sup>h</sup>uzu t<sup>h</sup>utə wa-na  
 he field tomorrow go-FUT  
 ‘He will go to the field tomorrow.’

Sangtam

149. Abi lulang mü-wü-nung  
 ʌpi lu-ləŋ mə-wə-nuŋ  
 she field-to NEG-go-FUT  
 ‘She will not go to the field.’

150. Abi atu lulang wüning  
 ʌpi atu luləŋ wə-nuŋ  
 he tomorrow field-to go-FUT  
 ‘He will go to the field tomorrow.’

Sütsà (Sümi)

151. Li-ye alu lo wu-ni-chemo  
 li-je alu lo u- ni-**tʃemə**  
 She- NOM field to go-will-NEG  
 ‘She will not go to the field.’

152. Li/Pa-ye thoghiu alu lo wu nani  
 li/pa-je thəyeu alu lo u nani  
 S/he -NOM tomorrow field to go FUT  
 ‘S/he will go to the field tomorrow.’

Yimchunger

153. Api thüluching mü-yüh  
 abi thuluʃhiŋ mi-3:  
 She field NEG-go  
 ‘She will not go to the field.’

154. Api sheto thüluching yüpah  
 abi ʃitə thuluʃhiŋ wɜ:bʌɔ  
 she tomorrow field go-FUT  
 ‘She will go to the field tomorrow.’

Zeme

155. Pah loh mei- lak  
 pʌ lo mei **ʌk**  
 S/he field go NEG  
 ‘She will not go to the field.’

156. Pa nchune helu mei ze  
 pʌ ntsune helu mei ze  
 S/he tomorrow field go FUT  
 ‘S/he will go to the field tomorrow.’

### 2.3 Word order

*Word order* refers to the way in which words are arranged according to the order of subject (S), verb (V) and object (O) in a sentence. It refers to the order in which words appear in sentences across different languages. Most languages are assumed to have basic word order, which is unmarked because it contains no extra information to the listener. For example, in English the word order of a typical sentence is Subject-Verb-Object (SVO). The unmarked word order in Naga languages is SOV, hence, they are known as verb final languages. To determine the proper sequence of words, one need to understand what is subject, verb and object. A subject is usually a noun or pronoun that names a person, place or thing. The verb follows the subject and identifies an action or a state of being. The object is a word or group of words influenced by the verb. In all the Naga languages the verb occurs in the final position. Therefore, the Naga languages are known as verb final languages.

#### Angami (Tenyidie)

157. 161. Puo-e teisonhie ketholeshü phrüya  
**puo-e** tisonhie **ketholefə** **ph.ɬə-ja**  
 s/he-ERG everyday Bible read-HAB  
 ‘S/he reads the Bible everyday.’

#### Ao

158. Pai lashiba teti azünger  
**pa-i** **laʃipaʔ** tətɪ **azəŋ-ər**  
 S/he-AGT bible daily read-HAB  
 ‘He reads bible everyday.’

#### Chang

159. Sao-ei laisheba chalou-angbou weda  
**ʃau-ai** **laɪʃeβa** tʃalɔu-angβɔu **ve-da**  
 she-ERG bible every day read-HAB  
 ‘She reads the bible everyday.’

#### Chokri

160. Pü tūsonha kūtholūsi phi-yo  
**pù** təsònɬà **kə̀thələ̀si** **phi-yɔ̄**  
 S/he everyday Bible read-HAB  
 ‘S/he reads the Bible everyday.’

Khezha

161. Pu-nü tsütshonyi kesoleshi phrü yia  
**pü-nə̄** tsə̄tsə̄jɿ **kēsələsɿ** **ph.ɹə̄** **jiə**  
 S/he-NOM everyday Bible read HAB  
 ‘S/he reads the Bible everyday.’

Khiamniungan

162. Apa üh bible asaiji ta ve-ji  
**ʌpa** əʔ bible **ʌsaiʈʰi tə** **wê-tʃi**  
 s/he ERG bible everyday read  
 ‘He/she reads the bible everyday.’

Konyak

163. I-a üjao-laishipa ngihjeih i-nang  
**i-e** **ʌʈʰə-ʌiʃipa** **njiʈʰaiʔ** **i-nʌŋ**  
 He-ERG Bible everyday read-PRS  
 ‘He reads the bible every day.’

Liangmai

164. Pa nai kanchang kansanbo ariakhung kin kin boi  
**pʌ** nai kəntsʌŋ **kənsʌnbə** **ʌriakhʷaŋ** **kin kin** **bəi**  
 s/he day every holy book read read HAB  
 ‘S/he reads the Bible every day.’

Lotha

165. Ompo na engakvü ntho-motsü khala  
**ɔmpə-na** eŋakvə **ntʰə-mətsə** **kʰʌ-la**  
 He-NOM everyday bible read-PRS  
 ‘He reads the Bible every day.’

Nthenyi

166. Ma atsanthang kemetha jü se-ten  
**mʌ** ʌtsʌthʌ **kemithʰa** **ʒi** **si-tē**  
 s/he everyday Bible word read-HAB  
 ‘S/he reads the Bible every day.’

Nzonkhwe

167. Peche-gü le khenyütsen Bible swü hyü  
 pəʃəe-gə le khʌnətse **bʌibəl sə** **hə**  
 He-DET NOM everyday Bible read HAB  
 ‘He reads the Bible every day.’

Phom  
 168. Püpa-I nyihjeih laihing e-nyeih  
**püpa-i** njí?tʃei? **laihiŋ** **i-pe?**  
 He-ERG everyday bible read-HAB  
 ‘He reads the bible everyday.’

Pochury  
 169. Nyimpawa rülorülo kümütsezhü chie-veh  
**njimpawa** .ɬɔɬ.ɬɔɬ **kəmətseʒə** **tʃʰe-ve**  
 He everyday holy word read-PRS  
 ‘He reads the bible everyday.’

Sangtam  
 170. Abi lede azingdacho khire  
**ʌpi** lete **ʌziŋtʌ?tʃʰə** **kʰi-re**  
 s/he everyday bible read-HAB  
 ‘S/he reads bible everyday.’

Sütsä (Sümi)  
 171. Li/Pa ye tsalakupetsü kuchouyesü phi-cheni  
**li/pa** je tsalakupetsə **kutʃoujesə** **phi-tʃeni**  
 S/he NOM everyday Bible read-HAB  
 ‘S/he reads the Bible everyday.’

Yimchunger  
 172. Api nimong.ʌpʌŋ amüsüh-hum khechoh  
**abi** njimɔŋapan **aməsə?hʌm** **kʰe-tʃʰə?**  
 she everyday bible read  
 ‘She reads the bible everyday.’

Zeme  
 173. Pa aipau kesangsam deh pei mui zoi  
**pʌ** vɪpʌu **kesʌŋsʌm** de **pei** **mui** **zoi**  
 S/he this bible the read daily HAB  
 ‘S/he reads the Bible every day.’

## 2.4 Greenberg’s Universal

Joseph Greenberg (1915–2001) proposed a set of linguistic universals. He examined languages covering a wide geographic and genetic distribution. He located a number of interesting potential universals as well as many strong cross-linguistic tendencies. Greenberg conceptualized the idea of "implicational universal", which has the form, "if a language has structure X, then it must also have structure Y." Many scholars adopted this kind of research following Greenberg's example and it

remains important in synchronic linguistics. In the following discussion, we shall use some of the universals to compare the Naga languages.

### 2.4.1 Postposition

Languages can be identified as preposition or postposition languages. A preposition is a word or group of words used before a noun, pronoun or a noun phrase. It is commonly used to show relationship in space, time or logical relationship between two or more people, places or things. A postposition is a word or group of words used after a noun or pronoun or more generally a noun phrase. It is similar in function to a preposition, but it follows rather than precedes the object. In general, a preposition comes before its complement whereas a postposition comes after its complement. Languages with a SOV order usually have post positions. Universal 4: "With overwhelmingly greater than chance frequency, languages with normal SOV order are postpositional." The Naga languages as seen earlier has the SOV order. Hence, the data in these languages supports that these languages are post-positional languages.

#### Angami (Tenyidie)

174. Rūmo-u merha mho gei ba  
 ɹəmɔ-u me:ɦɬ mho **gei** ba  
 pumpkin-DEF basket top on EXIST  
 'The pumpkin is on top of the basket.'

#### Ao

175. Mapu molok ma nung lir  
 mapu? mɔluk ma nuŋ li-r  
 pumpkin basket top **on** exist-PRS  
 'the pumpkin is on top of the basket.'

#### Chang

176. Chimulo kho kham thika kia  
 tʃumulo khɔ ka:m **thika** kja?  
 pumpkin DEF basket top -EXIST  
 'The Pumpkin is on the top of the basket.'

#### Chokri

177. Lumishe e-no mūrha pi lü ba  
 lɪmúʃe è-nɔ mé:ɦa pì **l̥** bá  
 Pumpkin is basket top on EXIST  
 'The pumpkin is on top of the basket.'

Khezha

178. Rhamu                    nū    melhe                    patu    be  
 rhēmú                    nə    mēlhé                    **pàtù**    bē  
 Pumpkin                  is    basket                    on-top EXIST  
 ‘The pumpkin is on top of the basket.’

Khiamniungan

179. Thoichem    nou    kim    chi-ai  
 thoiʃem        nə    kim    ʃhi-**ai**  
 pumpkin    DET    basket    top-on  
 ‘The pumpkin is on top of the basket.’

Konyak

180. Manlong-a                    küm    dang-me                    ngoh-nang  
 Manloŋ-a                    k<sup>h</sup>əm    tɿŋ-mə                    ŋoʔ-nɿŋ  
 Pumpkin-DEM                  basket    top-on                    have-PRS  
 ‘The pumpkin is on top of the table.’

Liangmai

181. Chamampum    ze    chara                    ri    ga    bam    boi  
 tsɿma:mpum    zi    tsəra:                    ri    **ga**    bɿm    bɔi  
 Pumpkin                  NOM    basket                    top    on    EXIST  
 ‘The pumpkin is on top of the basket.’

Lotha

182. Emhathi            ji    jo    tzungthero            ji    poni    lia  
 emhat<sup>h</sup>i            ʃi    ʃo    tsəŋθrə            ʃi    **poni**    lia  
 Pumpkin                  DET    DEM    basket                  DET    top    have  
 ‘The pumpkin is on the top of the basket.’

Ntenyi

183. Axxami            ashejüü                  miwi                    pen  
 ʌfia:mi            aSiʒi                    **miwi**                    pē  
 Pumpkin                  basket                  above                    EXIST  
 ‘The pumpkin is on top of the basket.’

Nzokhwe

184. Rhümvü            le    lokhu    pesun    ka    bin  
 ʀ<sup>h</sup>əmvə            le    lək<sup>h</sup>ə    pisū    **kɿ**    bī  
 Pumpkin                  DET    basket    top    on    EXIST  
 ‘The pumpkin is on top of the basket.’

Phom

185. Thuongyäu    shemha                    shang-ku                  nyüke  
 t<sup>h</sup>oŋjaə            ʃɿmha                    ʃɿŋ-**kə**                  ŋiike  
 Pumpkin                  basket                    top -on                  have  
 ‘The pumpkin is on the top of the table.’

|            |  |             |                    |                          |                     |           |
|------------|--|-------------|--------------------|--------------------------|---------------------|-----------|
| Pochury    |  |             |                    |                          |                     |           |
| 186.       | Khurni                                     |             | thuoji             | table                    | azhupo-vü           | be-veh    |
|            | k <sup>h</sup> urni                        |             | t <sup>h</sup> uʃi | table                    | azupə-və            | pe-ve     |
|            | pumpkin                                    | DEM         | table              | top-on                   |                     | EXIST-PRS |
|            | ‘The pumpkin is on top of the table.’      |             |                    |                          |                     |           |
| Sangtam    |  |             |                    |                          |                     |           |
| 187.       | Pherü                                      | tsü         | loh                | micha                    |                     | kehle     |
|            | ap <sup>h</sup> eɪə                        | tsə         | lɔʔ                | <b>miʃ<sup>h</sup>ʌʔ</b> |                     | keʔ-le    |
|            | pumpkin                                    | DET         | basket             | top                      |                     | EXIST     |
|            | ‘The pumpkin is on the top of the basket.’ |             |                    |                          |                     |           |
| Sümi       |  |             |                    |                          |                     |           |
| 188.       | Ahengu                                     | ye          |                    | ashoghi                  | shou                | ani       |
|            | aheŋu                                      | je          |                    | aʃɔʝəi                   | <b>ʃou</b>          | ani       |
|            | Pumpkin                                    | NOM         |                    | basket                   | on-top              | EXIST     |
|            | ‘The pumpkin is on top of the basket.’     |             |                    |                          |                     |           |
| Yimchunger |  |             |                    |                          |                     |           |
| 189.       | Jimüru                                     |             | ju                 | muluk                    | mikheak-lah         |           |
|            | ʃimurə                                     |             | dʒu                | muluk                    | <b>miʔkhiak-laʔ</b> |           |
|            | pumpkin                                    | DET         | basket             | on top                   | -EXIST              |           |
|            | ‘The pumpkin is on the top of the basket.’ |             |                    |                          |                     |           |
| Zeme       |  |             |                    |                          |                     |           |
| 190.       | Aipau                                      | hemadeh     |                    | marak                    | poiroi              | bam       |
|            | ʌipɔu                                      | hema: de    |                    | mɔɔɔk                    | <b>pɔiɔi</b>        | bɔm       |
|            | DET  | pumpkin DEF |                    | basket                   | top/above           | EXIST     |
|            | ‘The pumpkin is on top of the basket.’     |             |                    |                          |                     |           |

#### 2.4.2 Order of Genitive

Naga languages have postpositions rather than prepositions. A postposition is a word or group of words used after a noun or pronoun or more generally a noun phrase. It has been noted in Greenberg’s Universal 2: "In languages with prepositions, the genitive almost always follows the governing noun, while in languages with postpositions it almost always precedes." Genitive is a grammatical case for nouns and pronouns most commonly used for showing possession. When a word governs a noun it inherently indicates what case that noun has to be in, other than nominative. A governing noun shows that what gender, number and case the accompanying adjective must have in the sentence. The examples below support this universal as the genitive precedes the governing noun.



Angami (Tenyidie)

191. Bizo leshüu  
bizo leʃə - u  
Bizo letter- DET  
'Bizo's letter.'
192. Bizo nuo zuo  
Bizo ñə zuo  
Bizo GEN mother  
'Bizo's mother.'

Ao

193. Narolar ki  
naro-la -ər ki  
Naro-FM-GEN house  
'Narola's house.'
194. Narola tetsü  
naro-la tətə  
Naro-FM mother  
'Narola's mother.'

Chang

195. Nasen eibü cham  
nasen ɬipə ʃam  
nasen GEN house  
'Nasen's house.'
196. Somba nyu  
Somba ɲu  
Somba mother  
'Somba's mother.'

Chokri

197. John che  
dʒɔn tʃé  
John house  
'John's house.'
198. Avolü zuo  
avələ dʒɔ  
avolü mother  
'Avolü's mother.'

Khezha

199. John ke  
 dzɔn kɛ  
 John house  
 ‘John’s house.’
200. Adule we ezu  
 adule **we** ezu  
 Adule GEN mother  
 ‘Adule’s Mother.’

Khiamniungan

201. Longkoi oun tsam  
 loŋkoi ɔn tʃam  
 Longkoi GEN house  
 ‘Longkoi’s house.’
202. Shiu niu  
 ʃiu ŋiu  
 Shiu mother  
 ‘Shiu’s mother.’

Konyak

203. Tongwang jingnok  
 Tonwɔŋ **tʃin** nok  
 Tongwang GEN house.  
 ‘Tongwang’s house.’
204. Tongwang inyu  
 Tonwɔŋ iŋu  
 Tongwang mother  
 ‘Tongwang’s mother.’

Liangmai

205. John gu peki  
 dzɔn **gu** peki  
 John GEN house  
 ‘John’s house.’
206. Achusi pui  
 aʃusi pui  
 achusi mother  
 ‘Achusi’s mother.’

Lotha

207. Nzamo ki  
 nzamə ki  
 Nzamo house  
 ‘Nzamo’s house.’

208. Nzamo oyo  
 nzamə ɔyo  
 Nzamo mother  
 ‘Nzamo’s mother.’

Nthenyi

209. John jen.  
 dʒɔn ʒẽ  
 John house  
 ‘John’s house.’

210. Senele jah  
 Seni:li ʒʌ  
 senele mother  
 ‘Senele’s mother.’

Nzonkhwe

211. John ka.  
 dʒɔn kʌ  
 John house  
 ‘John’s house.’

212. Khinile ajah  
 khinili ʌʒʌh  
 Khinile mother  
 ‘Khinile’s mother.’

Phom

213. Jen-ei shem  
 ʃen-ai ʃʌm  
 our-GEN house  
 ‘Our house.’

214. Lachong ei jennyüi  
 laʃɔŋ ai dʒeŋi  
 Lachong GEN mother  
 ‘Lachomg’s mother.’

Pochury

215. Atho zhi azheh  
 at<sup>h</sup>o **ʒi** azje<sup>h</sup>  
 atho GEN house  
 ‘Atho’s house.’

216. Atho azhi azah  
 at<sup>h</sup>o **ʒi** aza<sup>h</sup>  
 Atho GEN mother  
 ‘Atho’s mother.’

Sangtam

217. Ali-yo kuh  
 ali-**jə** ku  
 ali-GEN house  
 ‘Ali’s house.’

218. Adi aya  
 adi aja  
 Adi mother  
 ‘Adi’s mother.’

Sümi

219. John-vu aki  
 dʒən-**vu** aki  
 John-GEN house  
 ‘John’s house.’

220. Avito vu aza  
 avito **vu** aza  
 Avito GEN mother  
 ‘Avito’s mother.’

Yimchunger

221. Atsü-yo thüyam  
 atsə-**jə** t<sup>h</sup>əjɿm  
 atsa-GEN house  
 ‘Atsü’s house.’

222. Ari ape  
 ari ape  
 Ari mother  
 ‘Ari’s mother.’

Zeme

223. John ki  
 dʒən ki  
 John house  
 ‘John’s house.’

|      |         |          |
|------|---------|----------|
| 224. | Abun    | pui      |
|      | ʌbun    | pui      |
|      | Abun    | pui      |
|      | ‘Abun’s | mother.’ |

### 2.4.3 Order of adjectives

Earlier, we have seen that the Naga languages are SOV and the genitive precedes the governing noun. Both Genitive and Adjectives modify nouns. What is the position of adjective in a noun phrase? The position of adjective in a noun phrase differs from language to language. For instance, in English, the adjective precedes the noun as in “a beautiful painting”. It has been observed that in Naga languages the adjective follows the head noun. This is according to Universal 5: "If a language has dominant SOV order and the genitive follows the governing noun, then the adjective likewise follows the noun."

#### Angami (Tenyidie)

|      |              |             |
|------|--------------|-------------|
| 225. | Mizhü        | kezha       |
|      | mizə         | <b>keza</b> |
|      | table        | big         |
|      | ‘Big table.’ |             |

#### Ao

|      |              |             |
|------|--------------|-------------|
| 226. | Alu          | tulu        |
|      | alu          | <b>tulu</b> |
|      | field        | big         |
|      | ‘Big field.’ |             |

#### Chang

|      |                      |
|------|----------------------|
| 227. | Sekyangbü-shong      |
|      | sekjaŋbə- <b>foŋ</b> |
|      | field big            |
|      | ‘The big fields.’    |

#### Chokri

|      |                   |                 |
|------|-------------------|-----------------|
| 228. | Yi                | küzho-ko        |
|      | jí                | <b>ktʃə</b> -kə |
|      | Field             | big-PL          |
|      | ‘The big fields.’ |                 |

#### Khezha

|      |                   |             |    |
|------|-------------------|-------------|----|
| 229. | Alo               | kadu        | ro |
|      | elo               | <b>kédú</b> | ɔ  |
|      | field             | big         | PL |
|      | ‘The big fields.’ |             |    |

Khiamniungan

230. Eiu asong nou  
iu? **ʌsɔŋ** nɔ  
field big DET  
'The big field.'

Konyak

231. Kah üyong pu-lan  
kʌʔ **ajɔŋ** (pu)-lan  
Field big PL  
'The big fields.'

Liangmai

232. Chalu kedi bu  
tsəlu **kədi** bu  
Field big PL  
'The big fields.'

Lotha

233. Oli tsüphov jiang  
ɔli **tsəp<sup>h</sup>ɔv** tʃiʌŋ  
field big PL  
'The big fields.'

Nthenyi

234. Ali ketsü khan  
ʌli **kitsi** k<sup>h</sup>ʌ̃  
Field big PL  
'The big fields.'

Nzonkhwe

235. Low keda den  
lɔ **kəda** dən  
Field big PL  
'The big fields.'

Phom

236. Longpü kah-thü  
lɔŋpi **kaʔ-t<sup>h</sup>i**  
big field -PL  
'The big fields.'

Pochury

237. Azhuh-ri aküji  
azu-ii **akətʃi**  
Field-PL big  
'The big fields.'

Sangtam  
 238. Lu amülalah  
 lu **ΛmөлΛΛ?**  
 fields big  
 ‘The big fields.’

Sütsà (SÜMI)  
 239. Alu kije-keqo  
 alu **kidge**-keqo  
 Field big-DET.PL  
 ‘The big fields.’

Yimchunger  
 240. Thülu ato  
 thulu **ato**  
 fields big  
 ‘The big fields.’

Zeme  
 241. Helo kedi deh  
 Helo **kedi** de  
 Field big PL  
 ‘The big fields.’

#### 2.4.4 Adverbial modifiers

An adverbial modifier is a word or phrase that is used to modify another part of a sentence, typically a verb or an adjective. An Adverbial modifier is something that describes almost anything in the world that is not a noun. The position of the adverbial modifiers is also crucial in typology. The position of adverbials is stated in Universal 7: "If in a language with dominant SOV order there is no alternative basic order, or only OSV as the alternative, then all adverbial modifiers of the verb likewise precede the verb.

Angami (Tenyidie)  
 242. Avino-e chatuo rükriya  
 avino-e chatuo **rækriya**  
 Avino-ERG walk fast+HAB  
 ‘Avino walks fast.’

Ao  
 243. Narolaikanga kara jajar  
 narola-i kaŋa **kara** tʃaʃa-ər  
 Narola-AGT very fast walk-PRS  
 ‘Narola walks fast.’

- Chang  
 Sao pantaiko paida  
 sΛu **panteko** pai-tΛ  
 she fast walk-PRS  
 ‘She walks fast.’
- Chokri  
 244. Pü ta mütso ri yo  
 pə tä **mütso** rì jə  
 She walk fast INT HAB  
 ‘She walks fast.’
- Khezha  
 245. Pu- nü te mhemhe  
 pü- nə té **mhèmhè**  
 She- NOM walk fast  
 ‘She walks fast.’
- Khiamniungan  
 246. Apa khaulaoko keiji  
 Λpa **khaulauko** keîfî  
 she fast walk  
 ‘She walks fast.’
- Konyak  
 247. Yha-e mum-se kem-nang  
 Ja-a **məmse** kem-nΛŋ  
 She-DEM fast walk-PRS  
 ‘She walks fast.’
- Liangmai  
 Pa ta nzad boi  
 pΛ tɛ **nzΛd** bɔi  
 s/he walk fast  
 ‘She walks fast.’
- Lotha  
 248. Ompvü(o) ekhyolaka tsala  
 ɔmpf(o) **ekʰjɔlɔkɔ** tsΛ-la  
 she fast walk-PRS  
 ‘She walks fast.’
- Nthenyi  
 249. Ma chwien/wanwan alen tsenden  
 mΛ **ʃuẽ / wΛwã:** ʌli tsen+tẽ  
 s/he fast/quick walk +MODF  
 ‘She walks fast.’



Nzonkhwe  
 250. Tenugi le tsonchü emhühü  
 tãñuge le tsɔ̃ʃə **mm<sup>h</sup>ehə**  
 She NOM walk fast  
 ‘She walks fast.’

Phom  
 251. Pünyü shülangi kam  
 pɪnjɪ **ʃəlaŋi** kɔm  
 She fast walk  
 ‘She walks fast.’

Pochury  
 252. Nyimzawa zhezeta tse-veh  
 njimzawa **ʒezeta** tze-ve  
 She fast walk-PRS  
 ‘She walks fast.’

Sangtam  
 253. Abi zahzah rachere  
 ʌpi **zɔʔzɔʔ** ɪ.ʌʃ<sup>h</sup>i-ɪe  
 she fast walk-HAB  
 ‘She walks fast.’

Sütsà (Sümi)  
 254. Li-no züzüshi alache  
 li-nɔ **zɔzɔʃi** alafɛ  
 She-NOM fast-fast walk  
 ‘She walks fast.’

Yimchunger  
 255. Api nah nah tsachoh  
 Abi **naʔnaʔ** tsaʔʃhɔʔ  
 he fast walks  
 ‘She walks fast.’

Zeme  
 256. Pa teh nzet la  
 pɔ te **nzet** ɪ  
 S/he walks fast MODF  
 ‘She walks fast.’

#### 2.4.5 Subordinate verb

A sentence can have both subordinate verb(s), and the main verb. The occurrence of the subordinate and the main verb is important in language typology. Greenberg Universal 13 states that, "If the nominal object always precedes the verb, then verb forms subordinate to the main verb also precede it. Main verb is any verb in a

sentence known as a principal verb. It carries the meaning in a verb phrase. Nominal is a grammatical category which describes words or groups of words that function together as a noun. The words in nominal grouping give more detail about the noun/ the headword, making it specific. Nominal phrases and clauses include other parts of speech.

Angami (Tenyidie)

257. A ciepho cü kebaki puo vor  
 á f̥iephə t̥ə kebaki puo vɔr  
 I/NOM wild apple eat while s/he come.PST  
 ‘He came while I was eating wild apple.’

Ao

258. Ni chichiyunga alidang paaru  
 Ni t̥ʃi-t̥ʃi-juŋ-a ali-taŋ pa-aru  
 I rice-eat-drink-SIM exist-TIME s/he-come.PST  
 ‘He came while I was eating rice.’

Chang

259. Nyei nyak shaoko kijinai haolou kai  
 ŋɿi ɲak ʃauko kiʃinɿi hɿulou kai  
 I food eat while he come  
 ‘He came while I was eating.’

Chokri

260. E-e khutsü ti küva che pü- e vo  
 i- khüt̥sə t̥i kəvə t̥é pə- è vɔ  
 I- rice eat PROG while he NOM come.PST  
 ‘He came while I was eating rice.’

Khezha

261. Pu-nü nyi- nü khunye tonyhe wo-a  
 pü-nə ɲi- nə khùɲè tɔɲje wo:à  
 He-NOM I was rice eating come.PST  
 ‘He came while I was eating rice.’

Khiamniungan

262. Ngo chi henai apa shi  
 ŋɔ t̥ʃi henai ʌpa ʃin  
 I food eat he come.PST  
 ‘He came while I was eating rice.’

Konyak

263. I-e tao nük hah wantə wen-yangke  
 i-a tau ɲək ha? wantə win-jaŋki  
 He-DEM I food eat while come-PST  
 ‘He came while i was eating rice.’

## Liangmai

264. E ta - tiu bamting pa wangye  
 i **ta - tiu** bʌmtiŋ pʌ **wɑŋ.ne**  
 I rice - eat while he come.PST  
 ‘He came while I was eating rice.’

## Lotha

265. Ana otsi tsoa vanathung ompona  
 yicho  
 a -na ɔtsi **tsɔ-a** vʌnʌtʰəŋ ɔmpɔ-na ji-tʰɔ  
 I-NOM rice eat-PROG while he -NOM come.PST  
 ‘He came home while I was eating rice.’

## Nthenyi

266. Ma hi anan tsa – kiben jüüwi gho  
 mʌ hi ʌnɛ **tsʌ - kipɛ** zuwi **ɣəu**  
 s/he I rice eat – CP while come.PST  
 ‘He came while I was eating rice.’

## Nzonkhwe

267. A-le ale chusa tyü kebin ka ryü.  
 ʌ - lɛ ʌlɛ tʃusa **tɔ** kɛbɪ kʌ **ɹɔ**  
 He I rice eat while CP come.PST  
 ‘He came while I was eating rice.’

## Phom

268. Ngei-i nük hah hepak-kü pupa peikü-peih  
 ŋa-jə nək **həʔ** hipak-kə pipa **paikə-peih**  
 I- rice eat while-PRS he come-PERF  
 ‘He came while I was eating rice.’

## Pochury

269. Hi ashie tsa-kü bela-vü Nyimpawa ru  
 hi aʃe **tsa-kə** pela-və njimpawa **ru**  
 I rice eat-CP time-at he come  
 ‘He came while I was eating rice.’

## Sangtam

270. Abi ih yangtsu yade rocho-e  
 ʌpi i **jaŋtsu** jʌte **ɹɔ-tʰɔɛ**  
 he I eating while come.PST  
 ‘He came while I was eating rice.’

## Sütsà (Sümi)

271. Pa-no I-no ana chu-a kelono ighi  
 pa- nɔ i-nɔ ana **tʃu-a** kelɔnɔ **eyei**  
 He-NOM I-NOM rice eat-CP while come.PST  
 ‘He came while I was eating rice.’

Yimchunger

272. I yimtsüh-chohki api arükheah  
i **jimtsəʔ.ʧhəkhi** abi **a.ə-khiak**  
I eating-PROG he come.PST  
'He came while I was eating.'

Zeme

273. I takteu bam ge pa gwang.  
I **tak-teu** bʌm ge pʌ wʌŋ  
I rice-eat CP while s/he come.PST  
'He came while I was eating rice.'

It is observed that the subordinate verb 'to eat' precedes the main verb 'to come'. Greenberg's Universal 13 holds true in all of the languages under study.

The nominal object is *rice* for all the languages, and *ciepho* in the case of Angami (Tenyidie). The main verb in all the sentences is 'to come' and the subordinate verb is 'to eat'.

#### 2.4.6 Order of Adjectives, nouns, demonstrative, numerals

Descriptive adjectives can be defined as the type of adjectives that are used to express the size, colour, or shape of a person, thing, animal or a place. They are used to provide more information to a noun by describing or modifying it. Demonstratives show where an object, event, or person is in relation to the speaker. They can refer to a physical or a psychological closeness or distance. When talking about events, the near demonstratives are often used to refer to the present while the far demonstratives often refer to the past. A numeral is a word or phrase that describes a numerical quantity. Numerals expresses relationships like quantity, sequence, frequency and part. It may appear within determiner phrases.

Universal 20: "When any or all of the items (demonstrative, numeral, and descriptive adjective) precede the noun, they are always found in that order. If they follow, the order is either the same or its exact opposite."

Angami (Tenyidie)

274. Uko vo-u thevonuo ketei dia penuoshüte  
ukə vɔ-u thevɔnuo **keti dia** penuo-ʃə-te  
Their pig-DET piglets black four birth-ASP-PERF  
'Their pig has given birth to four black piglets.'

275. Thenu kemerhü seko pederüchü nu diepushü.  
 thenu **kemerhə** **se-kə** pederəchə nu diepu-ʃə  
 Ladies smart three-PL seminar in speak+ASP  
 ‘The three smart ladies spoke in the seminar.’

Ao

276. Par ak chanu tanak pezü mepua lir  
 pa-r ak ʃanu **tanak** **pezə** məpu-a li-r  
 3SG-POSS pig DIM black four born-CP EXIST-PRS  
 ‘Their pig has given birth to four black piglets.’

277. Tetsür teyakyak asem to shisatokden nung o  
 jembı  
 tətsər **təjakjak** **asəm** tu shisatoktən nuŋ o  
 ʃəmbı  
 ladies smart three DIST seminar in word speak  
 ‘The three smart ladies spoke in the seminar.’

Chang

278. Bülongloubü banyi kho waban-thongtia  
 bəloŋ **lobə** **pəŋiʔ** khə wa:bən-təŋtia  
 tree tall two DET cut down  
 ‘The two tall trees have been cut down.’

279. John-ei bülong loubü banyi kho waban-thongtia  
 John-ai bəloŋ **lobə** **pəŋiʔ** khə wa:bən-təŋtia  
 John-ERG tree tall two DET cut down  
 ‘John cut down the two tall trees.’

Chokri

280. Sübo kücho küna veve  
 sɨbɔ́ **kəʃhɔ́** **kənà** vévé  
 Tree tall two cut-down  
 ‘The two tall trees have been cut down.’

281. John- e-no sübo kücho küna veve  
 dʒən- è-nɔ́ sɨbɔ́ **kəʃhɔ́** **kənà** vévé  
 John- NOM tree tall two cut-down  
 ‘John cut down the two tall trees.’

Khezha

282. Tshübo ketha kenhi wetsha da  
 tshəbɔ́ **kəthá** **kənhē** wətʃa də  
 tree tall two cut-down PST  
 ‘The two tall trees have been cut down.’

283. John nü tshübo ketha kenhi wetsha da  
 dzon nə tshəbɔ **ketha kēnhē** wetʃa də  
 John NOM tree tall two cut-down  
 PST  
 ‘John cut down the two tall trees.’

Khiamniungan

284. Pai lain nou nyime tham-i-yan-iu  
 pai **lai:n** nə **ɲimeʔ** thAM-i-jAN-iuʔ  
 tree tall DET two cut-down  
 ‘The two tall trees have been cut down.’

285. John üh pai lain nou nyime tham-i-yan-iu  
 dzon əʔ pai **lai:n** nə **ɲime** thAM-i-jAN-iuʔ  
 john ERG tree tall DET two cut-down  
 ‘John cut down the two tall trees.’

Konyak

286. Pee ü lao nyi-a wat-yangke  
 PiΛ **lau ɲji-a** wAT-jANki  
 Tree tall two-DEM cut-PST  
 ‘The two tall trees have been cut down.’

287. Tongwang e pee üdao nyi-a wat yangke  
 tonwAŋ-ə pi **ataɔ ɲji-a** wAT- jANke  
 Tongwang-ERG tree tall two-DEM cut -PST  
 ‘Tongwang cut down the two tall trees.’

Liangmai

288. Singbang nia ketheng piu gae thun ne  
 siŋbAŋ **nia ket<sup>h</sup>eŋ** piu ge t<sup>h</sup>un: ne  
 Tree two tall DEF cut down PST  
 ‘The two tall trees have been cut down.’

289. Singbang nia ketheng piu John ne ge thun ne  
 siŋbAŋ **nia ket<sup>h</sup>eŋ** piu dzon ne ge t<sup>h</sup>un: ne  
 Tree two tall the John ERG cut down PRS  
 ‘John cut down the two tall trees.’

Lotha

290. Otong ntson eni ji tanchochi-taka  
 ɔtoŋ **nts<sup>h</sup>ɔn eni** tʃi tANtʃ<sup>h</sup>ɔtʃ<sup>h</sup>i-tAKA  
 tree tall two DET cut down-PERF  
 ‘The two tall trees have been cut down.’

291. Nzama otong ntson eniata tanchochi-taka  
 nzamo-na ɔtoŋ **nts<sup>h</sup>ɔn eniata** tANtʃ<sup>h</sup>ɔtʃ<sup>h</sup>i-tAKA  
 Nzamo-NOM tree tall dual cut down-PERF  
 ‘Nzamo cut down the two tall trees.’

Nthenyi

292. Acchanton kesiwa kenyi tsü wishü dha  
 ʌʃʌntə̃ **kesiwa** **kenʃi** tsi wiʃi: tʰʌ  
 Tree tall two the cut PST  
 ‘The two tall trees have been cut down.’

293. John na acchanton kesi kenyi tsü wishü  
 dʒən nʌ ʌʃʌntə̃ **kesi** **kenʃi** tsi wiʃi:  
 John ERG tree tall two DEF cut  
 ‘John cut down the two tall trees.’

Nzonkhwe

294. Senbin ketetso hvü du-phen-la (so)  
 sə̃bĩ **kətətsə** **hu** də-phə̃-lʌ (sə)  
 Tree tall two cut-down-PST  
 ‘The two tall trees have been cut down.’

295. John le senbin ketetso hvü du-phen-la  
 dʒən le sə̃bĩ **kətətsə** **hu** də-phə̃-lʌ  
 John ERG tree tall two cut-down-PST  
 ‘John cut down the two tall trees.’

Phom

296. Pü yanglupü nyie akdüktüke  
 pi **jaŋlupə** **ni** aktəktəke  
 tree tall two cut-PST  
 ‘the two tall tree has been cut down.’

297. Chingyah-i Pü yanglupü nyie akdüktüke  
 tʃiŋja? -i pi **jaŋlupə** **ni** aktəktəke  
 chingyah-ERGtall tall two cut-PST  
 ‘Chingyah cut down the two tall trees.’

Pochury

298. Atsohji-ri küsuo künyi jeja-mü-thuo  
 atsʰəʃi-ri **kisu** **kənʃi** tʃetʃa-mə-tʰu  
 tree-PL tall two cut-PERF  
 ‘The two tall trees have been cut.’

299. Atho-nüh atsohji-ri küsuo künyi luola jeja  
 atʰo-nə atsʰəʃi-ri **kisu** **kənʃi** lula tʃetʃa  
 atho-NOM tree-PL tall two down cut  
 ‘Atho cut down the two tall trees.’

Sangtam

300. Singdong athsinghsing anyüh-sü kyopehko  
 siŋtoŋ **ʌtʃiŋtʃiŋ** **aŋnə-sə** kjope?-kʰə  
 tree tall two-DEF cut down  
 ‘The two tall trees have been cut down.’

301. Lumri-nü singdong athsinghsing anyüh-sü kyopehko  
 lumri-nə **siŋtoŋ** **ʌtshiŋtshiŋ** aŋnə-sə kjopeʔ-kʰə  
 lumri-NOM tree tall two-DEF cutdown  
 ‘Lumri cut down the two tall trees.’

Sütsà (Sümi)

302. Asübo chuqumghai keu kini thaqhi pe va  
 asəbə **ʃuqumyai** keu **kini** tha X i pe va  
 Tree tall DET two cut-down been  
 PST  
 ‘The two tall trees have been cut down.’

303. John-no asübo chuqumghai keu kini thaqhi  
 dʒən-nə asəbə **ʃuqumyai** keu **kini** tha X i  
 John-NOM tree tall DET two cut-down  
 ‘John cut down the two tall trees.’

Yimchunger

304. Sangdong ahang mahne kiushakto  
 saŋdɔŋ **aʃaŋ** **maʔnie** kiu-fakto  
 tree tall two cut down  
 ‘The two tall trees have been cut down.’

305. John-nü sangdong ahang mahne kiushakto  
 dʒən-nə **saŋdɔŋ** aʃaŋ **maʔnie** kiu-fakto  
 John-NOM tree tall two cut down  
 ‘John cut down the two tall trees.’

Zeme

306. Aipau chingbang kehho kenadeh bi nkau didah  
 ʌipʌu tʃiŋbʌŋ **keho ken:nɔ:de** bi nkʌu di dʌ  
 DET tree tall two cut down PST.PERF  
 ‘The two tall trees have been cut down.’

307. John chingbang kehho kenadeh bi didah  
 dʒən tʃiŋbʌŋ **keho ken:nɔ:de** bi dida  
 John tree tall two cut PST.PERF  
 ‘John cut down the two tall trees.’

### 2.4.7 Comparison

Comparatives are used to compare two things and to highlight the superiority, inferiority, or equality of one term compared to another. Universal 22: "If in comparisons of superiority the only order, or one of the alternative orders, is standard-marker-adjective, then the language is postpositional. With



overwhelmingly more than chance frequency if the only order is adjective-marker-standard, the language is prepositional."

Angami (Tenyidie)

308. Avituo Vinuo ki rükriekuo  
 avituo **vinuo ki .æk.ɾie-kuo**  
 avituo vinuo than tall- COMPR  
 'Avituo is taller than Vinuo.'

Ao

309. Merenba imliba dang nungi aso talangba  
 mərən-pa? **imli-pa? taŋ nuŋi asu talaŋ-pa?**  
 Meren-MS Imli-MS than from height long-COMPR  
 'Merenba is taller than Imliba.'

Chang

310. John kho mary toukai loukei  
 dzon khə **mari tʌukʌi lʌukʌi**  
 John DET mary COMPR tall  
 'John is taller than Mary.'

Chokri

311. Johne-no Mary cheri ürhü chokü  
 dʒən-ənə **meri tʃéri ù.ɪhə tʃhə- kù**  
 John-NOM mary than height tall- COMPR  
 'John is taller than Mary.'

Khezha

312. John ni Mary dzü thala  
 dʒən ní **meri dʒə thälä**  
 John NOM Mary than taller  
 'John is taller than Mary.'

Khiamniungan

313. John kounaito mary lai-tsho  
 dzon kounaitə **mari lai-tsho**  
 John than mary tall-COMPR  
 'John is taller than mary.'

Konyak

314. Tongwang-a Liyan phei shetao ngohnang  
 tonwʌŋ-a **lijan phe ʃetau ŋə'nʌŋ**  
 tonwang-DEM liyan than tall have-PRS  
 'Tongwang is taller than Liyan.'

## Liangmai

315. John parin theng boi Mary swang  
 dʒɔn **perin tʰeŋ** **bɔi mɛri sʷaŋ**  
 John height tall COMPR Mary than  
 ‘John is taller than Mary.’

## Lotha

316. Nzamojo abeni lona süpo kata  
 nzamo ʃɔ **apeni lɔna səpɔ-kɔtɔ**  
 Nzamo DET Abeni than tall-COMPR  
 ‘Nzamo is taller than Abeni.’

## Nthenyi

317. John na Mary miwi si -ki  
 dʒɔn nɔ **mɛri miwi si-ki**  
 John ERG Mary than tall- COMPR  
 ‘John is taller than Mary.’

## Nzonkhwe

318. John le Mary nyeki tetso / thon (kvü)  
 dʒɔn le **mɛri ñieki tetsɔ/thõ (kʷú)**  
 John ERG Mary than high / long (more)  
 ‘John is taller than Mary.’

## Phom

319. Chingyah-ü Lachong mü lushi -nyüke  
 ʃiŋjaʔ-ə **laʃɔŋ mə lu:ʃi-piike**  
 chingyah-DET lachong than tall -COMPR  
 ‘Chingyah is taller than Lachong.’

## Pochury

320. Avi-nü Atho-nüh kü-üsuo  
 avi-nə **atʰo-nə ka:- su**  
 Avi-NOM atho-ACC COMPR-taller  
 ‘Atho is taller than Avi.’

## Sangtam

321. John tsü mary tenü atsung  
 dʒɔn tsə **me.ɿ tenə ʌtsʰuŋ**  
 John Det mary COMPR tall  
 ‘John is taller than Mary.’

## Sütsà (SÜMI)

322. John ye Mary ngunə akushu- ü  
 dʒɔn je **meri ŋuno akuʃ-ə**  
 John NOM Mary than tall- COMPR  
 ‘John is taller than Mary.’

Yimchunger

323. John ju mary kheaknü ashangkühü-a  
dʒɔn dʒu me.i khiaknə aʃaŋkhə-a  
John DET mary COMPR tall  
'John is taller than Mary.'

Zeme

324. John au Mary swade pera tei  
dʒɔn ʌu meri sʷʌde perʌ tei  
John ERG Mary than tall COMPR  
'John is taller than Mary.'

### 2.4.8 Question Particles

Question word is a function word used to ask a question, such as *what*, *which*, *when*, *where*, *who*, *whom*, *whose*, *why*, *whether* and *how*. Question words occur in different position of the sentence. For instance, in English, it occurs sentence initially. Universal 9: "With well more than chance frequency, when question particles or affixes are specified in position by reference to the sentence as a whole, if initial, such elements are found in prepositional languages, and, if final, in postpositional."

Angami (Tenyidie)

325. No kedipuo cü nyü-ba ga  
nɔ kedipuo ʃə nɛ-ba ga  
You what eat want-PROG QP  
'What do you want to eat?'

Ao

326. Nai kechi chinür?  
na-i kəʃi ʃin-ər  
you-AGT what eat-DES  
'What do you want to eat?'

Chang

327. Nyi ei shaumang sühda  
ŋi ʌi ʃaʊmʌŋ səda  
you what eat want  
'What do you want to eat?'

Chokri

328. No dipu tinyisa va  
nɔ dipt tɪnɪsá vá  
You what eat-want QP  
'What do you want to eat?'

Khezha

329. No-nü            dibi    to        nyi-i  
 nə-nə            **dibi**   to        ɲi-i  
 you-NOM        what    eat        want-QP  
 ‘What do you want to eat?’

Khiamniungan

330. Nei    ti        he-ao    aiu  
 ɲi        **ti**        he-iaʉ    aiu  
 you    what        eat        want  
 ‘What do you want to eat?’

Konyak

331. Nang-a            hangke    hah        hu-nangke?  
 nʌŋ-ə            **hʌŋke**    ha?        hu -nʌŋki  
 You-ERG        what    eat        want-PRS  
 ‘What do you want to eat?’

Liangmai

332. Nang    nde        tiu        ni        lao?  
 nʌŋ        **nde**        tiu        ni        **lau**  
 you    what    eat    want    QP  
 ‘What do you want to eat?’

Lotha

333. Ni        ntio        tso        hunga    la?  
 ni        **ntio**        tso        həŋa-la?  
 you    what    eat        want-PRS  
 ‘What do you want to eat?’

Nthenyi

334. Na        maan    tsa - mvü/mo    pen  
 nʌ        **mu**        tsʌ-mu/mo    **pě**  
 you    what    eat -want        QP  
 ‘What do you want to eat?’

Nzonkhwe

335. Nle        ngu        tyünya    bin        la?  
 Nle        **ñu**        tunə    bĩ        **lʌ**  
 you    what    eat    want    QP  
 ‘What do you want to eat?’

Phom

336. Niung-I            mehe    hah        hüpa  
 nəŋ-i            **mehe**    ha?        hipa  
 you-ERG        what        eat        want  
 ‘What do you want to eat?’

Pochury

337. Noh mowa tsan-ke lo  
no **mowa** tsan-ke-**lo**  
You what eat-want-QP  
'What do you want to eat?'

Sangtam

338. Nü du tsunyüro  
nə **tu** tsup-ə.ɔ  
you what eat-want  
'What do you want to eat?'

Sütsà (Sümi)

339. No-ye kiu chu-nishi ani kea  
nə-je **kiu** ʃu-niʃi ani **kia**  
you-NOM what eat-want do QP  
'What do you want to eat?'

Yimchunger

340. Nü tümü tsühneilah  
nə **təmə** tsiʔ-ɲelaʔ  
you what eat-PRS  
'What do you want to eat?'

Zeme

341. Nang dai teu noi nau  
nɒŋ **dai** teu noi **nau**  
You what eat want QP  
'What do you want to eat?'

#### 2.4.9 Yes-No question

Yes–no question is a type of question whose expected answer is one of two choices, one that affirms the question and one that denies the question. In English, Yes-No question are often form through inversion of auxiliary as in “John is tall” – “Is John tall.?” Subject–auxiliary inversion involves placing the subject after a finite auxiliary verb, rather than before it as is the case in typical declarative sentences. Yes–no questions are in contrast with non-polar such as what, when, where, why, and which. In Naga languages, the question words such as *what, when, where, who, which, how* does not occur in the initial position of sentences. The yes-no question is marked by a particle that occurs sentence final position.

Angami (Tenyidie)

342. No haki baya me  
nə haki ba-ya **me**  
you here live-HAB QP  
'Do you live here?'

- Ao  
343. Na yangi alir na  
na jaŋ- ali-r **na**  
you here live-PRS QP  
'Do you live here?'
- Chang  
344. Nyi hanei kitasai  
ŋi haŋe kita-**sai**  
you here live-QP  
'Do you live here?'
- Chokri  
345. No hiche ba yo me  
nɔ' hiŋe' ba' jɔ' **me**  
You here stay do QP  
'Do you live here?'
- Khezha  
346. No hinhehi lhiyei ya  
nɔ' hinhehi lhije **ja**  
you here live QP?  
'Do you live here?'
- Khiamniungan  
347. Ni nungko kihji-süne  
Ni nuŋkɔ ki:ŋi-**ŋəne**  
you here live-QP  
'Do you live here?'
- Konyak  
348. Nang hütəo me ngohnang küə?  
nɒŋ hɒtəu mə ŋɔʔ-nɒŋki **kɒʔɒ**  
you here LOC live-PRST QP  
'Do you live here?'
- Liangmai  
349. Nang haiga lung bo?  
nɒŋ hɒiga luŋ **bɔ**  
you here live QP  
'Do you live here?'
- Lotha  
350. Ni- no shilo vana ala?  
ni -nɔ ʃilɔ vɒnɒ **ɒɔʔ**  
you-NOM here live QP?  
'Do you live here?'

Ntenyi

351. No hi petenla?  
 nə hi peten-**la**  
 you here live **QP**  
 ‘Do you live here?’

Nzokhwe

352. Nle hika bin hye le?  
 nle hikΛ bĩ **hyle**  
 you here live **QP**  
 ‘Do you live here?’

Phom

353. Nüŋ hülei nyu-ngala  
 nəŋ həlɿi nju-**ŋɿɿɿ**  
 you here live-QP  
 ‘Do you live here?’

Pochury

354. Noh hala rho veh-lo?  
 no hɿɿɿ r<sup>h</sup>ə ve-**lo**  
 you here live **LOC-QP**  
 ‘Do you live here?’

Sangtam

355. Nü hila lirümau  
 nə hila lirə-**məu**  
 You here live-QP  
 ‘Do you live here?’

Sütsà (SÜMI)

356. No- ye hile ngo cheni kea?  
 nə- ye hile ŋə ʃfeni **kiə**  
 You- NOM here stay HAB **QP**  
 ‘Do you live here?’

Yimchunger

357. Nü hatching lachote?  
 nə haʃiŋ laʃhə-**de**  
 you here live-QP  
 ‘Do you live here?’

xZeme

358. Nang i ni lung ni  
 nɿŋ i ni luŋ **ni**  
 you here place live **QP**  
 ‘Do you live here?’

All the Naga languages have yes/no question particles in the final position and the languages are postpositional. The language can be differentiated in terms of the occurrence of the wh-particles. Angami (Tenyidie), Liangmai, Nthenyi, Nzonkhwe, Zeme, Sumi, Chokri, Khezha, Pochury exhibits the Wh-particle. The rest of the Naga languages do not exhibit this.



## Chapter 3: Language family

### 3.0 Classification of Naga Languages

The indigenous languages of Nagaland belong to the Tibeto Burman language group.

### 3.1 Burling

The classification of Burling (1983) divides the entire geographical North-East region into two parts: the northern part (primarily Arunachal Pradesh) and the eastern part, that is, the region of North-East state lying along the border of Myanmar. The figure below is the classification based on Burling (2003).

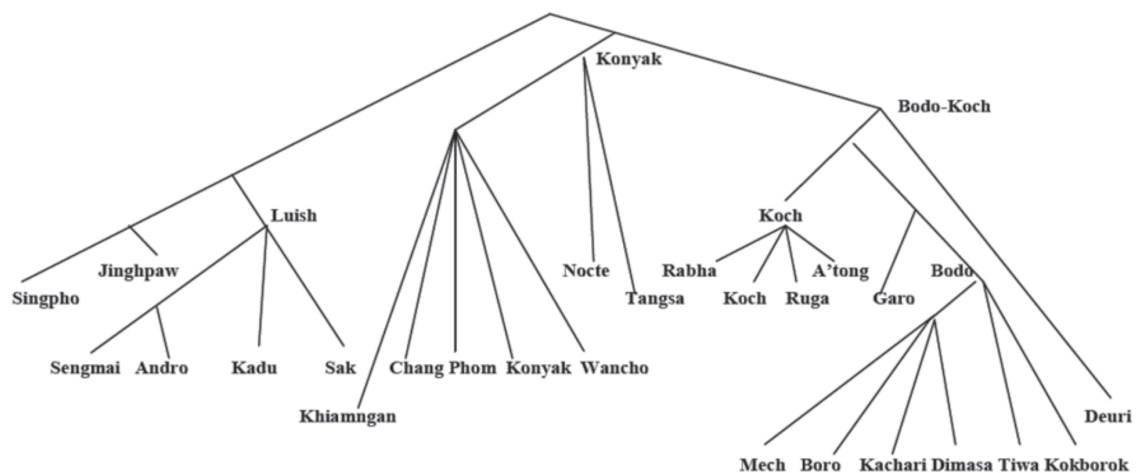


Fig.3.1: Burling's Classification of North East India Languages

Burling (2003) has stated that Central Naga or the 'Ao group' consists of four Tibeto-Burman languages spoken primarily in Nagaland. These languages are Ao, Lotha, Sangtam, and Yimchunrü. Burling undertakes a new classification based on lexical comparisons and produces the same grouping as the LSI and Shafer (with the exception of Lepcha), which he re-labels as the 'Ao group' (2003: 184). The most recent classification of languages in the eastern border is reproduced in Fig 2 (taken from Coupe 2012a: 216, based on Burling 2003: 184).

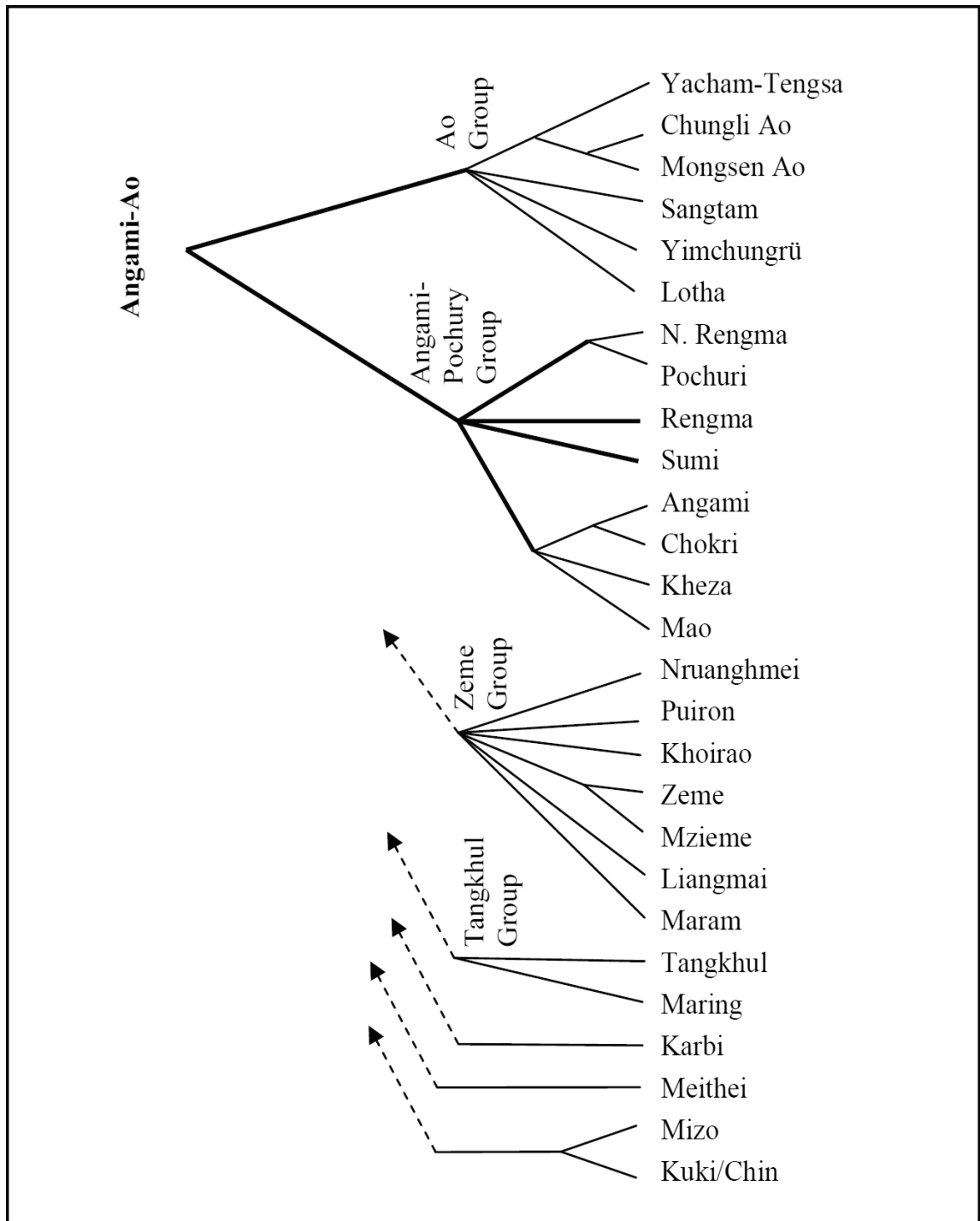


Figure 3.2: Classification of languages of India's eastern border, including Central Naga

From Coupe 2012a: 216, based on Burling 2003: 184.

### 3.2 Grierson

Grierson conducted the *Linguistic Survey of India* between 1898-1928 obtaining information on 364 languages and dialects. In his *Linguistic Survey of India Volume – III* he has worked on Tibeto Burman Family Part –II Specimens of the Bodo, Naga, and Kachin Groups. Grierson has classified the Naga group of languages into three:

- a) Western Group
- b) Central Group
- c) Eastern Group

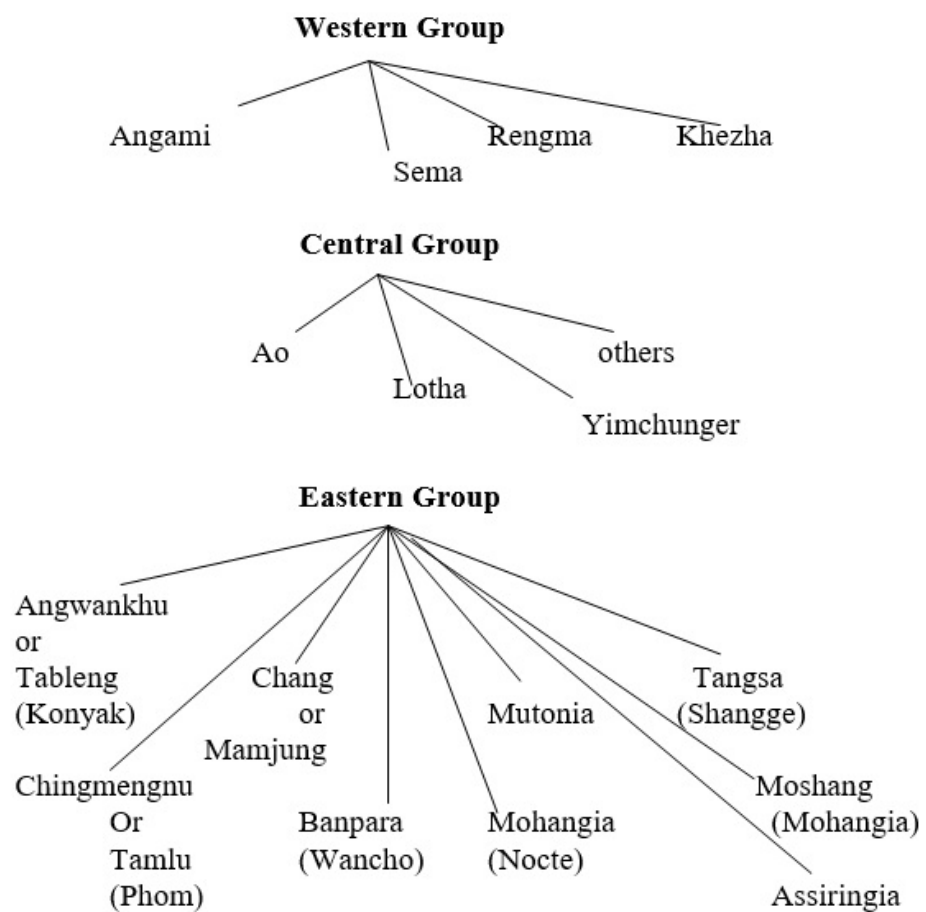


Fig. 3.3: Grierson's classification of Naga languages

A broad classification of the Tibeto-Burman group of languages which belong to the Sino- Tibetan language family provided by Grierson (in *Linguistic Survey of India*) and represented in Chatterji (1951, p.24) is presented in Fig. 4.

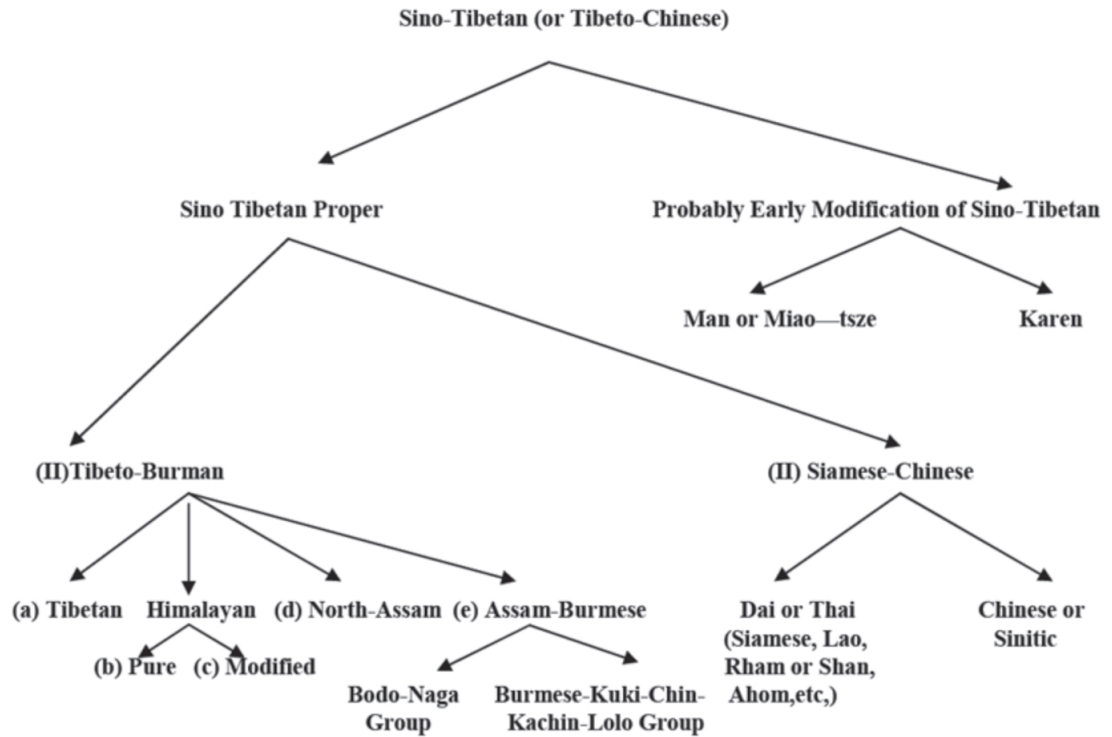


Fig.3.4: Based on Grierson's *Linguistic Survey of India*

As represented in Chatterji (1951, p.24)

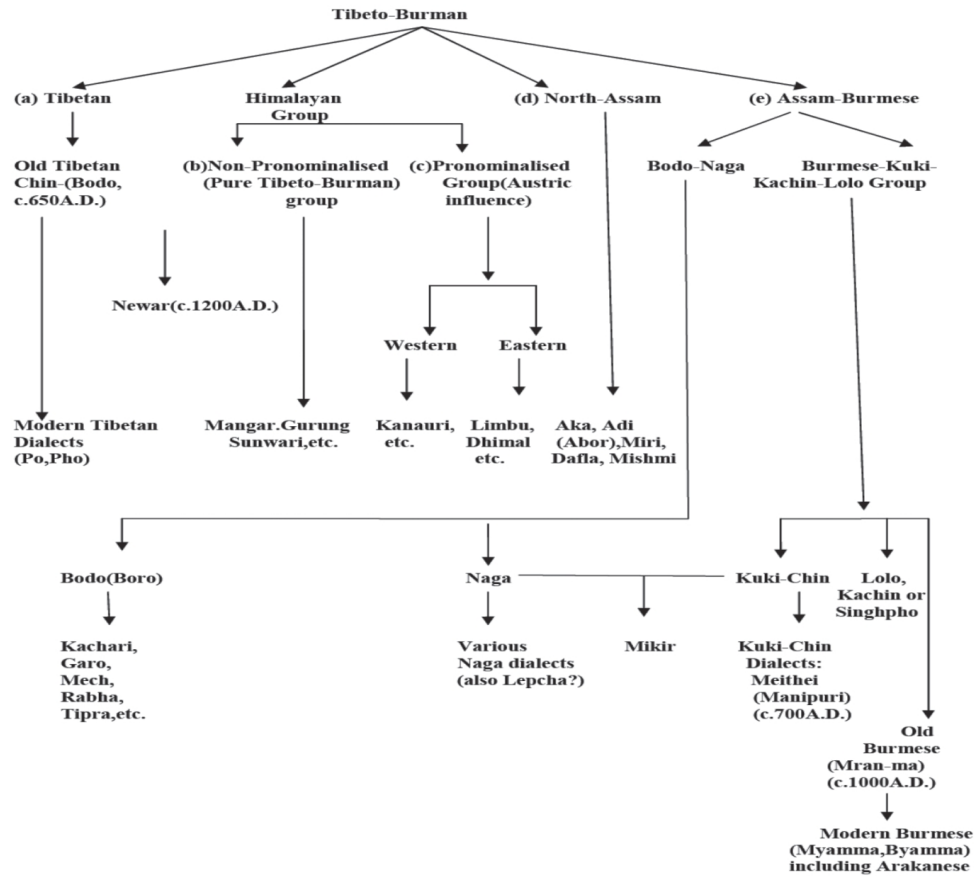


Fig.3.5: Based on Grierson's *Linguistic Survey of India*

As represented in Chatterji (1951, p.24)

### 3.3 Benedict

Benedict in (1972) *Sino-Tibetan: A Conspectus* has classified the Tibeto-Burman group of languages. Benedict observes that both at the lexical and morphological levels, Kachin co-ordinates with the northern languages like Tibetan, Bahing, etc., the southern languages like Burmese, Bodo, Lushei, etc., Nung, Burmese-Lolo on the east and Konyak and Bodo-Garo languages on the west. The interrelationship existing amongst these diverse languages is represented in Fig. 6.

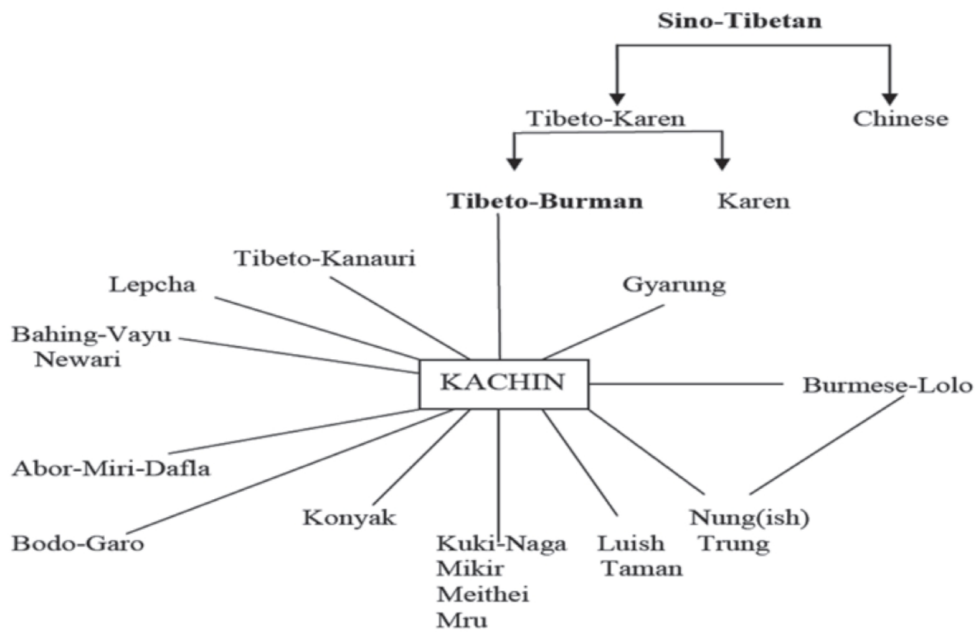


Fig.3.6: Benedict (1972) *Sino-Tibetan: A Conspectus*

### 3.4 Shafer

Shafer (1974) proposes a six-point division in the classification of the Sino-Tibetan language family. The Bodo group which Shafer calls Baric has been treated differently as a main division of Sino-Tibetan and not as compounded sub-group with Nāgā under Assam-Burmese sub-group of Tibeto-Burman. The Nagish section has been dealt with as a sub-section separately under Baric division. The major division is presented in the following Fig. 7.

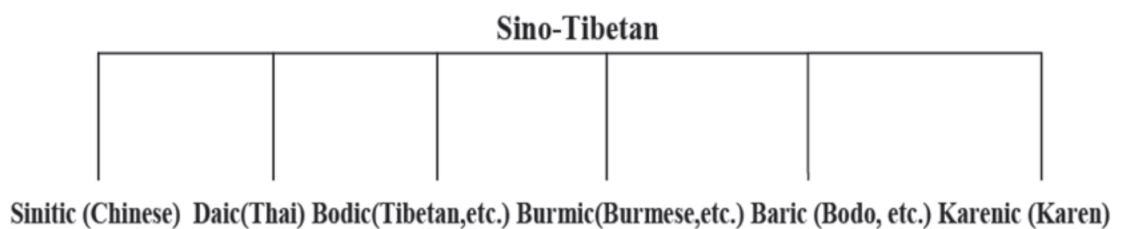


Fig.3.7: Shafer's classification of Sino-Tibetan languages

### 3.5 Word list

The word lists in the various languages under study have been grouped following Grierson's classification into the Western, Central and Eastern. As Grierson has not included Zeme and Pochury in any of the groups, the two languages have been listed separately in this study.

## Western Group

Noun:

| English | Angami | Sumi   | Nthenyi | Nzonkhwe | Khezha  | Chokri |
|---------|--------|--------|---------|----------|---------|--------|
| Field   | lie    | alu    | Ali     | lo       | ëloː    | ji     |
| Tree    | sibo   | asəbo  | ʌʃʌntə̃ | sə̃bi    | tshəboː | sɪboː  |
| Pumpkin | .ɪəmo  | aheŋu  | ʌfia:mi | .ɪhəmvə  | rhēmú   | lɪmúsé |
| Basket  | me.ɪha | aʃəyəi | aSiʒi   | ləkʰə    | mēlhé   | mé.ɪhá |
| Yam     | dzəñə  | aʃuʃu  | ʌpi     | dʒəi     | dʒəñū   | binè   |
| Rat     | thezu  | aʒi    | ʌmiʒĩ  | təpfə    | ʒú      | thtʒəː |
| Fruit   | nhasi  | axathi | ʌkitsau | təɾʌʃʌ   | lāʃè    | rāsé   |

Verbs:

| English | Angami | Sumi   | Nthenyi | Nzonkhwe | Khezha | Chokri |
|---------|--------|--------|---------|----------|--------|--------|
| Go      | və     | u      | wʌ      | tsə      | mhá    | ʃə     |
| Cry     | kɪa    | qa     | qii     | ʃə       | kɪē    | kɪà    |
| Eat     | ʃə     | ʃu     | tsʌ     | tə       | təː    | tɪ     |
| Come    | vəɪ    | eɣei   | uɣəula  | .ɪə      | wùdé   | vəː    |
| See     | ŋu     | ithulu | mvə     | Hy       | ŋü     | ŋəː    |

Adverbs:

| English   | Tenyidie | Sumi         | Nthenyi  | Nzonkhwe  | Khezha      | Chokri    |
|-----------|----------|--------------|----------|-----------|-------------|-----------|
| Every day | tisonhie | tsalakupetsə | ʌtsʌtʰʌŋ | kʰənətsə̃ | tsə̃tshə̃ŋi | tə̃sə̃nhà |
| Now       | tsie     | itehi        | kʰili    | ntsəkʌ    | ātsā        | tsə̃hi    |

|           |      |        |            |         |         |      |
|-----------|------|--------|------------|---------|---------|------|
| Tomorrow  | sədu | thəyɛu | tʰitsi - i | səndəki | thēdzä  | sədɔ |
| Yesterday | ndu  | eyena  | ɥa:nʲi     | ndə     | ədʒä    | ndɔ  |
| Today     | thie | ijɪ    | nʌsɪ:      | ntʰə    | kēthɪjɪ | thá  |

Adjectives:

| English | Angami | Sumi     | Nthenyi | Nzonkhwe  | Khezha      | Chokri |
|---------|--------|----------|---------|-----------|-------------|--------|
| Tall    | ɬəkɪe  | ʃuqumɣai | kesiwa  | ketʰeɲ    | kēthá       | kəʃhɔ  |
| Red     | kemeɪe | hutʃui   | kimi    | keheɲ     | kàhá        | kɪmtɪé |
| Ripe    | me     | nive     | kine    | keminbu   | müzə        | mətsɔ  |
| Big     | ʒa     | kidʒe    | kitsi   | kədi      | kédú        | kɪʒɔ   |
| Sour    | khɪɔ   | Ximpoi:  | kisi    | kəkʰiaɲbu | khromətsəʒə | kɪʃɔ   |

Pronouns:

| English   | Angami | Sümi    | Nthenyi | Nzonkhwe     | Khezha | Chokri |
|-----------|--------|---------|---------|--------------|--------|--------|
| I         | á      | ni/ i   | i /ni   | ʌlē          | ɲi     | i      |
| You       | nə     | nə      | nɬ      | nle          | nə     | nə     |
| She       | puo    | li      | mɬ      | tɬɲuge/a-le  | pu     | pu     |
| He        | puo    | pa      | mɬ      | pəʃəegə/a-le | pu     | pu     |
| They      | ukə    | panəɲu  | mɬthu   | ɬɲugun       | puɔ    | pukə   |
| We (incl) | nko    | Niɲu    | ithu    | ɲue          | aɔ     | ukə    |
| We (excl) | hieko  | Niɲuu   | ithudʒi | Agun         | aɔwe   | ukə    |
| My        | à      | iu/i    | idʒi    | ɬhō          | awe    | aza    |
| Your      | n      | əu      | nɬ      | nle          | iwe    | nza    |
| Her       | puo    | li/liu  | mɬ      | a-le         | pumi   | pu     |
| His       | puo    | pa/pau  | mɬ      | a-le         | pumi   | pu     |
| Their     | ukə    | panəɲuu | mɬthuɲi | ɬɲugun       | puɔ    | pukə   |



Demonstratives:

| English | Angami           | Sumi   | Nthenyi   | Nzonkhwe | Khezha | Chokri |
|---------|------------------|--------|-----------|----------|--------|--------|
| This    | hau              | hipa   | hɬ        | hile     | hinəhi | hi     |
| That    | luu, cəu,<br>səu | hupa   | kɬtsə     | tsə      | hunəhi | tʃə    |
| Those   | lukə             | hupaqo | kɬtsəkhl̃ | tsuidē   | huəhi  | tʃəkə  |
| These   | hakə             | hipaqo | hɬ kh̃    | hi       | hiəhi  | hikə   |

Interrogatives:

| English | Tenyidie  | Sumi                | Nthenyi            | Nzonkhwe             | Khezha  | Chokri     |
|---------|-----------|---------------------|--------------------|----------------------|---------|------------|
| What    | kedipuo   | kiu                 | mu                 | nu                   | dib̃i   | dip̃t̃     |
| Where   | kiapuo    | khila               | k <sup>h</sup> iwa | dikiɔ̃               | dábá    | dip̃ut̃f̃é |
| Why     | kedipuola | kiufije             | mɬle               | ñug <sup>w</sup> eñu | d̃itshə | d̃inà      |
| Which   | kui       | k <sup>h</sup> ipau | k <sup>h</sup> ɬwa | dig <sup>w</sup> əle | édib̃i  | dip̃t̃     |

**Central Group**

Noun:

| English | Ao     | Lotha               | Yimchunger | Sangtam             |
|---------|--------|---------------------|------------|---------------------|
| Field   | alu    | əli                 | thulu      | lu                  |
| Tree    | səŋtoŋ | ətoŋ                | səŋduŋ     | siŋtoŋ              |
| Pumpkin | mapu?  | emat <sup>h</sup> i | ʃimuaə     | ap <sup>h</sup> eɹə |
| Basket  | muluk  | tsəŋtherə           | muluk      | lə?                 |
| Yam     | manə   | Mani                | pinu       | panu                |

Verbs:

| English | Ao   | Lotha | Yimchunger | Sangtam              |
|---------|------|-------|------------|----------------------|
| Go      | au   | wua   | wɜ:ʃhə?    | wəɹe                 |
| Cry     | aʃəp | kjɬ   | trip-khiak | tɹa-k <sup>h</sup> ə |

|      |      |      |        |      |
|------|------|------|--------|------|
| Eat  | afiʔ | tsoa | tsəŋ   | tsuŋ |
| Come | aruŋ | jia  | arʌŋ   | ruŋ  |
| See  | aŋu  | həŋʌ | khi_ak | thiŋ |

Adverbs:

|           |          |        |                    |         |
|-----------|----------|--------|--------------------|---------|
| English   | Ao       | Lotha  | Yimchunger         | Sangtam |
| Every day | anukufia | eŋakvə | ŋimotŋ.ʌrʌn        | lede    |
| Now       | taŋ      | enəŋa  | k <sup>h</sup> ekə | ʌte     |
| Tomorrow  | asəŋ     | otʃua  | ʃeto               | ʌtu     |
| Yesterday | jafi     | ntʃə   | jiŋi               | ʌtə     |
| Today     | tanə     | ntʃəŋ  | khepe              | ʃhʌpe   |

Adjectives:

|         |         |                      |            |         |
|---------|---------|----------------------|------------|---------|
| English | Ao      | Lotha                | Yimchunger | Sangtam |
| Tall    | talaŋ   | nts <sup>h</sup> ən  | aʃaŋkhə    | atsiŋ   |
| Red     | təmərəm | emjən                | amərəm     | ʌmɔ     |
| Ripe    | tamən   | em <sup>h</sup> en   | məna       | ʌŋiʃhə  |
| Big     | təlu    | tsəp <sup>h</sup> ov | atə        | ʌmɔlʌʔ  |
| Sour    | tasən   | et <sup>h</sup> em   | asan       | ʌsi     |

Pronouns:

|         |        |       |            |         |
|---------|--------|-------|------------|---------|
| English | Ao     | Lotha | Yimchunger | Sangtam |
| I       | ni     | a     | I          | i       |
| You     | na     | ni    | nə         | nə      |
| She     | la     | ɔmpf  | abi        | api     |
| he      | pa     | ɔmpɔ  | abi        | api     |
| They    | parnuk | ɔnte  | are        | are     |

|       |                                  |      |       |      |
|-------|----------------------------------|------|-------|------|
| We    | 1. asənok(incl)<br>2. onok(excl) | onte | Isa   | isa  |
| Our   | Uzə                              | ate  | Isa   | isa  |
| My    | kə                               | a    | i:jə  | ijə  |
| Your  | nə                               | ni   | nə:jə | nəjə |
| Her   | la                               | əmpf | abi   | api  |
| His   | pa                               | əmpə | abi   | abi  |
| Their | par                              | onte | arejə | are  |

Demonstratives:

| English | Ao     | Lotha | Yimchunger | Sangtam |
|---------|--------|-------|------------|---------|
| This    | ja     | ʃi    | həɖə       | hi      |
| That    | aʃi    | həʃi  | hadzə      | hatse   |
| Those   | itəmtu | ʃian  | haə        | hətsəre |
| These   | itəmya | ʃian  | haə        | heri    |

Interrogatives:

| English | Ao      | Lotha      | Yimchunger | Sangtam |
|---------|---------|------------|------------|---------|
| What    | kəʃi    | ntio       | təmə       | tu      |
| Where   | kun     | kvələ      | kɪʃhiŋ     | khəte   |
| Why     | kəʃipa? | ntio       | təmətshəki | tupa    |
| Which   | kupa?   | ntio/kvəmə | kʊʃu       | kʰəpa   |
| Who     | ʃipa?   | əchə       | ʃe         | sə      |
| When    | kutan   | kvəthəŋ    | kə:mki     | kʰəte   |

## Eastern Group

Noun:

| English | Chang  | Khiamniungan | Konyak | Phom    |
|---------|--------|--------------|--------|---------|
| Field   | sektɬu | lu           | kɬte   | kaʔli   |
| Tree    | bəloŋ  | pai          | Pi     | pi      |
| Pumpkin | ʃumulo | thoiʃem      | manloŋ | tʰoŋjaə |
| Basket  | ka:m   | kim          | kʰəm   | ʃɬmha   |
| Yam     | təŋ    | leŋ          | te:ŋ   | tu:ŋ    |
| Rat     | ʃɬpək  | sau          | juʔ    | ʃipʰiʔ  |
| Fruit   | buek   | ʃep          | Pilik  | piʃik   |

Verbs:

| English | Chang  | Khiamniungan | Konyak | Phom |
|---------|--------|--------------|--------|------|
| Go      | kɬu    | kei          | Ta     | ʃaʔ  |
| Cry     | hɬp    | ʃɬp          | sɬp    | tʰɬp |
| Eat     | ʃau    | He           | haʔ    | haʔ  |
| Come    | loukai | ʃi           | win    | pai  |
| See     | hap    | em           | ʃi     | i    |

Adverbs:

| English   | Chang       | Khiamniungan | Konyak   | Phom     |
|-----------|-------------|--------------|----------|----------|
| Everyday  | ʃalɬu-əŋbɬu | ɬsaiʃi tə    | njiʔʃaiʔ | njiʔʃeiʔ |
| Now       | tɬu         | lou          | saʔa     | ʃaʔəŋ    |
| Tomorrow  | ŋʷet        | lu:m         | ŋainjiʔ  | ŋjiniʔ   |
| Yesterday | mət         | məŋi         | mənji    | mɪniʔ    |
| Today     | dɬ:t        | loŋi         | tənjiʔ   | ʃinjiʔ   |

Adjectives:

| English | Chang    | Khiamniungan | Konyak | Phom    |
|---------|----------|--------------|--------|---------|
| Tall    | loubə    | lai:n        | λlau   | jaŋlupə |
| Red     | saklɔŋbə | λʃiŋ         | λtak   | hakʔla  |
| Ripe    | samɔn    | λʃem         | ʃim    | ʃəm     |
| Big     | ʃoŋ      | λsəŋ         | ajəŋ   | ləŋpi   |
| Sour    | hɔiʃɔpə  | ehɛʃek       | sɔppu  | tʰijək  |

Pronouns:

| English | Chang    | Khiamniunga | Konyak | Phom  |
|---------|----------|-------------|--------|-------|
| I       | ŋəi      | ŋə          | tau    | ŋa    |
| You     | no       | ni          | nɔŋ    | niŋ   |
| She     | sɔu      | ɔpa         | Ja     | piŋji |
| He      | hɔu      | ɔpa         | I      | piɔa  |
| They    | hɔuen    | ŋəsə        | imɔn   | ʃəm   |
| We      | kən      | sam         | tɔmɔn  | ʃen   |
| Our     | sɔn      | hɔm         | təmɔn  | hɔm   |
| My      | ŋəibə    | Jə          | I      | ŋai   |
| Your    | kɔibə    | ŋjin        | nɔŋ    | niŋ   |
| Her     | sɔu      | ɔpa         | Ja     | piŋji |
| His     | hɔu      | ɔpa         | I      | piɔa  |
| Their   | hɔu-eibə | ŋəsə ən     | imɔn   | ʃəm   |

Demonstratives:

| English | Chang | Khiamniungan | Konyak | Phom |
|---------|-------|--------------|--------|------|
| This    | hə    | nəŋ          | hatau  | hapa |

|       |        |        |        |                    |
|-------|--------|--------|--------|--------------------|
| That  | khɔ    | uh nɔŋ | ɬuba   | hapa               |
| Those | khəbə  | nɔŋsɔ  | aɔjin  | hat <sup>h</sup> ə |
| These | hɬbəho | nɔŋsɔ  | taulan | hat <sup>h</sup> ə |

Interrogatives:

| English | Chang | Khiamniungan | Konyak | Phom    |
|---------|-------|--------------|--------|---------|
| What    | li    | te:tɔ        | hɬŋke  | mehe    |
| Where   | la:n  | te:ai        | ɬmə    | məlai   |
| Why     | liɬ   | te:au ta-tɔ  | hɬŋke  | mehekai |
| Which   | ɬubɬu | te:aisəpou   | hɬŋki? | məpa    |

### Zeme, Pochury & Liangmai

Noun:

| English | Zeme     | Pochury              | Liangmai           |
|---------|----------|----------------------|--------------------|
| Field   | helu     | ak <sup>h</sup> uɜu  | tsəlu              |
| Bible   | kesɬŋsɬm | kəmətseɜə            | kənsɬnbo           |
| Tree    | tsiŋbɬŋ  | ats <sup>h</sup> ɔŋi | siŋbɬŋ             |
| Dog     | tɔi      | ʃu?                  | tet <sup>h</sup> i |
| Pumpkin | hema:    | k <sup>h</sup> urni  | tsɬma:mpum         |

Verbs:

| <u>English</u> | Zeme  | Pochury           | Liangmai            |
|----------------|-------|-------------------|---------------------|
| Sing           | teu   | aza               | t <sup>h</sup> iuru |
| Eat            | teu   | tsan              | tatiu               |
| Cry            | hɬp   | krie              | kɬb                 |
| Go             | meime | wa                | meŋkin              |
| Read           | pei   | ʃ <sup>h</sup> em | kin                 |

Adverbs:

| English   | Zeme           | Pochury             | Liangmai              |
|-----------|----------------|---------------------|-----------------------|
| Now       | tsu            | k <sup>h</sup> inji | təhɔi                 |
| Tomorrow  | ntsune         | t <sup>h</sup> utə  | nsunai                |
| Yesterday | nzene          | lunji               | ndanai                |
| Everyday  | rɑmsɑŋnɑtiŋnai | k <sup>h</sup> inji | kəntsɑŋ               |
| Today     | henai          | nɔsə                | nt <sup>h</sup> ainai |

Adjectives:

| English | Zeme  | Pochury | Liangmai             |
|---------|-------|---------|----------------------|
| Red     | kege  | kimiɹu  | keheŋ                |
| Big     | kədi  | akəŋi   | kədi                 |
| Sour    | kehiɔ | akəsu   | kək <sup>h</sup> iaŋ |
| Ripe    | mɔi   | akine   | kiminbu              |
| Smoked  | keki  | kawa    | keki                 |

Pronouns:

| English | Zeme  | Pochury  | Liangmai |
|---------|-------|----------|----------|
| I       | I     | hi       | I        |
| You     | nɑŋ   | nə       | nɑŋ      |
| She     | pɑ    | njimzawa | pɑ       |
| He      | pɑ    | njimzawa | pɑ       |
| They    | penui | mɑŋi     | pəliu    |
| We      | anui  | hiri     | aliu     |
| Our     | anui  | eziri    | aliu     |
| My      | a     | ezi      | a        |
| Your    | nɑŋ   | nɔzi     | nɑŋ      |

|       |       |          |       |
|-------|-------|----------|-------|
| Her   | ᳵ᳚᳚᳚᳚ | njimzawa | pᳵ᳚᳚  |
| His   | ᳵ᳚᳚᳚᳚ | njimpawa | pᳵ᳚᳚  |
| Their | p᳚᳚᳚᳚ | maziri   | p᳚᳚᳚᳚ |

Demonstratives:

| English | Zeme    | Pochury | Liangmai |
|---------|---------|---------|----------|
| This    | nts᳚᳚᳚᳚ | hama    | haizi    |
| That    | n᳚᳚᳚᳚   | tama    | wizi     |
| Those   | nts᳚᳚᳚᳚ | tumari  | w᳚᳚᳚᳚    |
| These   | ᳚᳚᳚᳚    | hamari  | hainapiu |

Interrogatives:

| English | Zeme  | Pochury            | Liangmai |
|---------|-------|--------------------|----------|
| What    | aide  | m᳚᳚᳚᳚              | nde      |
| Where   | d᳚᳚᳚᳚ | k <sup>h</sup> ela | ndega    |
| Which   | d᳚᳚᳚᳚ | k <sup>h</sup> e   | ndegu    |
| Why     | d᳚᳚᳚᳚ | m᳚᳚᳚᳚              | nde      |



## Chapter 4: Conclusion

Working on the structure of any given language is a worthwhile yet a challenging task, for each language exhibits its own individual nuances, which given attention to would require a considerable amount of time. This pilot study on the typology of 17 Naga languages not so much focuses on each of the nuances that every language offers, but addresses the similarities found across the languages. A tentative generalization that can be drawn from the comparative study of the languages is on the sub-grouping of the Naga languages along four parameters: i) position of the negative marker, ii) wh-question marker, iii) position of the adverb, and iv) tense system. The sub-grouping is given in the figure below:

|                          | Group A   | Group B   |
|--------------------------|---|---|
| Position of the Negation | [Suffix]<br>Angami (Tenyidie), Liangmai, Zeme, Nzonkhwe, Sümi/Sütsa, Chokri, Khezha, Pochury, Lotha   | [Prefix]<br>Ao, Khamniungan, Phom, Yimchunger, Chang, Konyak, Lotha Nthenyi, Sangtam,                                     |
| Interrogatives           | [Presence of question particle along with Wh-word]<br><br>Angami (Tenyidie), Liangmai, Nthenyi, Nzonkhwe, Zeme, Sümi/Sütsa, Chokri, Khezha, Pochury | [Absence of question particle along with Wh-word]<br><br>Ao, Lotha, Konyak, Phom, Sangtam, Khamniungan, Chang, Yimchunger |
| Adverb                   | [Follows the verb]<br><br>Angami (Tenyidie), Liangmai, Nzonkhwe, Zeme, Chokri, Khezha,  | [Precedes the verb]<br><br>Ao, Khamniungan, Phom, Yimchunger, Chang, Konyak, Lotha Sangtam, Nthenyi, Sümi/Sütsa, Pochury  |
| Tense System             | [- Past Tense]<br><br>Angami (Tenyidie), Ao, Chokri, Khezha, Liangmai, Nthenyi, Nzonkhwe, Pochury, Zeme.  | [+ Past Tense]<br><br>Chang, Khamniungan, Konyak, Lotha, Phom, Sangtam, Sümi/Sütsa  |

Figure 5.1: Distribution of features among the Naga Languages

Based on the distribution of the features given in Figure 5.1, it is seen that Angami (Tenyidie), Chokri, Khezha, Liangmai, Nzonkhwe, and Zeme form a strong compact Group A in the sense that these languages do not exhibit any of the features found Group B. Conversely, Chang, Khamniungan, Konyak, Phom, Sangtam, Yimchunger form a strong Group B.

On the other hand, Pochury, Ao, Lotha, Sümi/Sütsa, and Nthenyi exhibit features from both the groups. For example, out of the four parameters, Pochury exhibits a ratio of 1:3 (1 feature from Group B and 3 features from Group A), and hence, is more inclined towards Group A. Lotha and Ao also show a ratio of 1:3 (1 feature from Group A and 3 features from Group B) and hence, are more inclined towards Group B. Sümi/Sütsa and Nthenyi on the other hand show a ratio of 2:2, and hence, it is difficult to predict towards which Group they are inclined to. Figure 5.2 below represents the sub-grouping of the Naga languages based on the distribution of the features in Figure 5.1.

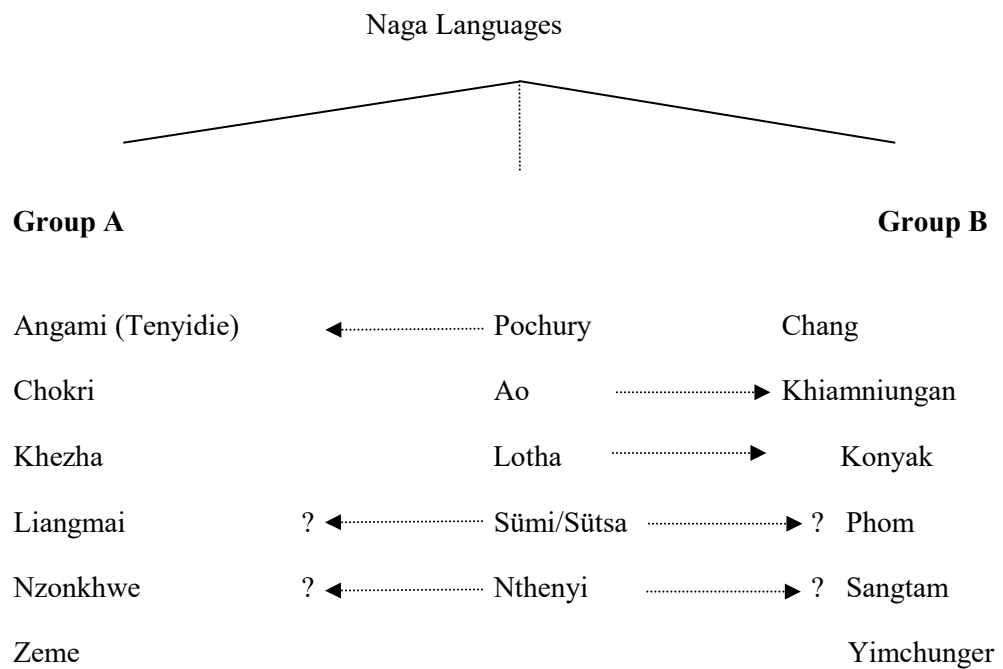


Figure 5.2: Sub-grouping of the Naga languages based on figure 5.1

Further research is required to investigate the whole interpretation or inter-relatedness of these features or parameters along with other parameters, to bring out a concise and comprehensive generalization on the classification of the Naga languages.

**Areas for further research:**

During the course of the study the following problem areas have been identified:

1. The verb in Lotha and Konyak appears to change its form along with the change in tense and aspect. Further in-depth study needs to be conducted to explore this phenomenon.
2. The data on Pochury, exhibits two progressive markers: suffix /-be/ and prefix /ko-/. The prefix /ko-/ appears to occur only with the verb 'to go'. This phenomenon needs further investigation.

## Appendix 1: Informants

### Angami

Name : Kethosenuo Kuotsu  
Sex : Female  
Age : 34  
Village : Sechu Zubza  
Educational Qualification : M.A  
Contact No. : 8794524860

### Ao

Name : Aien Aier  
Sex : Female  
Age : 21  
Village : Mopungcheket  
Educational Qualification : B.A.

### Chang

Name : Thongmong Yembo M Chang  
Sex : Male  
Age : 28  
Village : Tuensang Village  
Educational Qualification : M.sc  
Contact No. : 8575848828

### Chokri

- a) Name of the Informant : Liavirhii Domeh  
Sex : Female  
Age : 29 years  
Village : Zhavame  
Educational qualification : MA Sociology  
Occupation : Housewife  
Contact no : 8014275340
- b) Name of the informant : Dr. Khruvolu Keyho  
Sex : Female  
Age : 40 years  
Village : Chozuba  
Educational qualification : Ph.D Tenyidie  
Occupation : Assistant Professor  
Department of Tenyidie

### Khezha

Name of the Informant : Pfula  
sSex : Female  
Age : 27 years

Village : Enhulumi  
Educational qualification : MA (Linguistics)  
Occupation : Teacher  
Contact No : 8731053687

#### Khiamniungan

(a) Name : Puche P  
Sex : Male  
Age : 28  
Village : Noklak Village  
Occupation : LDA  
Contact No. : 9863061384

(b) Name : Mutsoi P  
Sex : Female  
Age : 26  
Village : Thang  
Educational Qualification : M.A Linguistics  
Contact No. : 9774025908

#### Konyak

(a) Name : Aphei  
Sex : Female  
Age : 22  
Village : Changlangshu  
Educational Qualification : PG Diploma CNTLS  
Contact No. : 8794567978

(b) Name : W. Mary Yanlem  
Sex : Female  
Age : 29  
Village : Tamlu Village  
Educational Qualification : M.A Linguistic  
Contact No. : 8732004871

#### Langmai

Name : Qualului Newmai  
Sex : Female  
Age : 28 years  
Village : Ntuma  
Educational Qualification : B.A.  
Occupation : Hostel Warden  
Contact No. : 7630805778

Lotha

Name : P. Randanbemo Lotha  
Sex : Male  
Age : 28  
Village : Niroyo village  
Educational Qualification : M.A Linguistics  
Contact No. : 6033831378

Nthenyi (Northern Rengma)

- a) Name of the Informant : Senele Magh  
Sex : Female  
Age : 28 years  
Village : Tesophenyu  
Educational Qualification : M.A  
Occupation : Office Assistant  
Contact No. : 8413832588
- b) Name of the Informant : Mehilo Apon  
Sex : Male  
Age : 29  
Village : Kandiu village  
Educational qualification : Ph.D Scholar (Geology)

Nzonkhwe (Rengma)

- (a) Name of the Informant : Kegwayhun Tep  
Sex : Male  
Age : 29 years  
Educational Qualification : B.A.  
Occupation : Social Worker  
Language : Nzokhwe  
Contact No. : 8794207853
- (b) Name : Shahilo Tsela  
Sex : Male  
Age : 31 years  
Village : Tesophenyu  
Educational Qualification : B.A.  
Occupation : Business  
Contact No. : 7005305832

(c) Name of the Informant : Kenilo Kent  
 Sex : Male  
 Age : 28 years  
 Occupation : Social worker  
 Language : Nzonkhwe  
 Contact No. : 9862267896

d) Name of the Informant : Sinsi  
 Sex : Female  
 Age : 24  
 Village : Terogunyu village  
 Educational qualification : MA Geology

Phom

Name : Chuphen  
 Sex : Female  
 Age : 22  
 Village : Orangkong  
 Educational Qualification : B.A  
 Occupation : Student  
 Contact No. : 6009276405

Pochury

a) Name : Lojirho  
 Sex : Female  
 Age : 21  
 Village : Meluri Village  
 Educational Qualification : B.A  
 Occupation : Student  
 Contact No. : 8974441243

b) Name : Lingo  
 Sex : Male  
 Age : 39  
 Village : Washelo (Phek District)  
 Educational qualification : BA (Political Science)  
 Occupation : Language Assistant

Sangtam

Name : Shongmo  
 Sex : Female  
 Age : 25  
 Village : Panso  
 Educational Qualification : M.A Linguistics  
 Contact No. : 7005910872

Sümi

Name : Alolito Shohe  
Sex : Female  
Age : 29 years  
Village : Pughoboto  
Educational qualification : MA Linguistics  
Occupation : Teacher  
Contact No : 9615847049

Yimchunger

Name : Y.Muremong Yimchunger  
Sex : Male  
Age : 62  
Village : Zhimkiur  
Occupation : Pensioner  
Contact No. : 8413972273

Zeliang(Zeme)

- a) Name of the Informant : Achusi Zeliang  
Sex : Male  
Age : 43 years  
Village : Poilwa  
Educational Qualification : B.A  
Occupation : Govt.Employee  
Contact No. : 8794601725
- b) Name : Mrs. Phungbin Kaurinta  
Sex : Female  
Age : 46  
Village : Asalu village  
Educational qualification : B.A.



## APPENDIX-2: WORD LIST

### ANGAMI (TENYIDIE)

#### NOUN

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 1.  | lie                 | lie                  | ‘field’         |
| 2.  | ketholeshü          | ketholeʃə            | ‘bible’         |
| 3.  | seibo               | sibə                 | ‘tree’          |
| 4.  | umo                 | umə                  | ‘body’          |
| 5.  | ki                  | ki                   | ‘house’         |
| 6.  | tefü                | tefə                 | ‘dog’           |
| 7.  | rümo                | ɾəmɔ                 | ‘pumpkin’       |
| 8.  | merha               | meɾha                | ‘basket’        |
| 9.  | dzünuo              | dzəñɔ                | ‘yam’           |
| 10. | mizhü               | mizə                 | ‘table’         |
| 11. | thezu               | thezu                | ‘rat’           |
| 12. | uzie                | uzie                 | ‘face’          |
| 13. | uguo                | uguo                 | ‘mole’          |
| 14. | kothal              | kɔθal                | ‘jackfruit’     |
| 15. | pfhe                | pfhe                 | ‘shawl’         |
| 16. | themuo              | themuo               | ‘meat’          |
| 17. | nhasi               | nhasi                | ‘fruit’         |
| 18. | khutie              | khutie               | ‘rice’          |
| 19. | tsali               | tsali                | ‘song’          |

#### VERB

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 20. | vo                  | vɔ                   | ‘go’            |
| 21. | kra                 | kɾa                  | ‘cry’           |
| 22. | phrü                | phɾə                 | ‘read’          |
| 23. | vü                  | və                   | ‘beat’          |
| 24. | da                  | da                   | ‘cut’           |
| 25. | ngu                 | ŋu                   | ‘see’           |
| 26. | cü                  | ʃə                   | ‘eat’           |
| 27. | tuo                 | tuo                  | ‘walk’          |
| 28. | ta                  | ta                   | ‘run’           |
| 29. | lhou                | lhu                  | ‘live’          |
| 30. | si                  | si                   | ‘know’          |
| 31. | vor                 | vɔɾ                  | ‘come’          |

## ADVERB

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 32. | teisonhie           | tisonhie             | ‘every day’     |
| 33. | tsie                | tsie                 | ‘now’           |
| 34. | sodu                | sodu                 | ‘tomorrow’      |
| 35. | ndu                 | ndu                  | ‘yesterday’     |
| 36. | thie                | thie                 | ‘today’         |

## ADJECTIVE

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 37. | rükrie              | .ɪəkɪe               | ‘tall’          |
| 38. | kuo                 | kuo                  | ‘strong’        |
| 39. | me                  | me                   | ‘ripe’          |
| 40. | zha                 | ʒʌ                   | ‘big’           |
| 41. | pegu                | pegu                 | ‘smoked’        |
| 42. | khro                | khɪɹ                 | ‘sour’          |
| 43. | rükri               | .ɪək.ɪ               | ‘fast/quick’    |
| 44. | peto                | peto                 | ‘loud’          |
| 45. | kenei               | keni                 | ‘happy’         |
| 46. | meyie               | meyie                | ‘angry’         |
| 47. | kemerie             | keme.ɪe              | ‘red’           |

## PRONOUN

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 48. | a                   | á                    | ‘I’             |
| 49. | nko                 | nkə(incl)            | ‘we’            |
| 50. | no                  | nə                   | ‘you’           |
| 51. | n                   | n                    | ‘your’          |
| 52. | uko                 | ukə                  | ‘our’           |
| 53. | puo                 | puo                  | ‘she/he’        |

## DEMONSTRATIVE

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 54. | luko                | lukə                 | ‘those’         |
| 55. | hako                | hakə                 | ‘these’         |
| 56. | hau                 | hau                  | ‘this’          |
| 57. | luu                 | luu                  | ‘that’          |

**INTERROGATIVE**

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 58. | kedipuo             | kedipuo              | ‘what’          |
| 59. | kirapuo             | kiɾapuo              | ‘where’         |
| 60. | kiu                 | kiu                  | ‘which’         |
| 61. | kedipuo la          | kedipuola            | ‘why’           |
| 62. | supuo               | supuo                | ‘who’           |

**AO****NOUN**

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 63. | alu                 | alu                  | ‘field’         |
| 64. | laishiba            | laiʃiba              | ‘bible’         |
| 65. | süngtong            | səŋtoŋ               | ‘tree’          |
| 66. | ki                  | ki                   | ‘house’         |
| 67. | azü                 | azə                  | ‘dog’           |
| 68. | mapu                | mapuʔ                | ‘pumpkin’       |
| 69. | naring              | nɒɾiŋ                | ‘orange’        |
| 70. | menden              | məntən               | ‘chair’         |
| 71. | manü                | manə                 | ‘yam’           |
| 72. | koya                | kuja                 | ‘rat’           |
| 73. | molok               | muluk                | ‘basket’        |
| 74. | tejak               | təʃak                | ‘face’          |
| 75. | leplusü             | leprusəʔ             | ‘mole’          |
| 76. | pelong              | pələŋ                | ‘jackfruits’    |
| 77. | lenmang             | lənməŋ               | ‘road’          |
| 78. | sü                  | sə                   | ‘shawl’         |
| 79. | akshi               | akʃi                 | ‘pork’          |
| 80. | lozü                | luzə                 | ‘gooseberry’    |
| 81. | süngjanglijang      | səŋʃəŋ               | ‘fruits’        |

**PRONOUN**

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 82. | ni                  | ni                   | ‘I’             |
| 83. | na                  | na                   | ‘you’           |
| 84. | asenok              | asənuk               | ‘we’            |
| 85. | pa                  | pa                   | ‘he/she’        |
| 86. | la                  | la                   | ‘she’           |
| 87. | parnok              | parnuk               | ‘they’          |
| 88. | asenok              | asənuk               | ‘we’ (incl)     |
| 89. | onok                | onuk                 | ‘we’ (excl)     |
| 90. | kü                  | kə                   | ‘my’            |
| 91. | nü                  | nə                   | ‘your’          |
| 92. | par                 | par                  | ‘theirs’        |

**DEMONSTRATIVE**

|     | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-----|---------------------|----------------------|-----------------|
| 93. | ya                  | ya                   | ‘this’          |
| 94. | aji                 | aʃi                  | ‘that’          |

**ADJECTIVES**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 95.  | talang              | taləŋ                | ‘tall’          |
| 96.  | temerem             | təmərəm              | ‘red’           |
| 97.  | tulu                | təlu                 | ‘big’           |
| 98.  | tasen               | tasən                | ‘sour’          |
| 99.  | tashitait           | taʃitait             | ‘strong’        |
| 100. | tamen               | tamən                | ‘ripe’          |

**ADVERBS**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 101. | kara                | kara                 | ‘fast’          |
| 102. | tashi               | taʃiʔ                | ‘loudly’        |
| 103. | pela                | pela                 | ‘happy’         |
| 104. | anogoshia           | anukuʃia             | ‘everyday’      |
| 105. | yashi               | yaʃi                 | ‘yesterday’     |
| 106. | tanü                | tanə                 | ‘today’         |

**VERBS**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 107. | ao                  | au                   | ‘go’            |
| 108. | aor                 | auər                 | ‘going’         |
| 109. | ogo                 | uku                  | ‘went’          |
| 110. | azüing              | azəŋ                 | ‘read’          |
| 111. | züngtar             | zəŋtar               | ‘reading’       |
| 112. | azük                | azək                 | ‘beat’          |
| 113. | züktar              | zəktaɾ               | ‘beating’       |
| 114. | lepzük              | ləpzək               | ‘cut- down’     |
| 115. | achir               | aʃiʔər               | ‘eat’           |
| 116. | chiogo              | ʃi-uki               | ‘ate’           |
| 117. | jaja                | ʃaʃa                 | ‘walk’          |
| 118. | ajeb                | aʃəb                 | ‘cried’         |
| 119. | asem                | asəm                 | ‘run’           |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 120. | kechi               | kəʃi                 | ‘what’          |
| 121. | kong                | kuŋ                  | ‘where’         |
| 122. | kechiba             | kəʃipaʔ              | ‘why’           |
| 123. | koba                | kupaʔ                | ‘which’         |
| 124. | shiba               | ʃipaʔ                | ‘who’           |
| 125. | kodang              | kutaŋ                | ‘when’          |

## CHANG

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 126. | sektou              | sektau               | ‘field’         |
| 127. | laisheba            | laiʃiba              | ‘bible’         |
| 128. | bülong              | bəloŋ                | ‘tree’          |
| 129. | cham                | ʃam                  | ‘house’         |
| 130. | kai                 | kai                  | ‘dog’           |
| 131. | chimulo             | ʃumulo               | ‘pumpkin’       |
| 132. | satchang            | səʃaŋ                | ‘stool’         |
| 133. | tong                | təŋ                  | ‘yam’           |
| 134. | yabok               | jaʔək                | ‘rat’           |
| 135. | kham                | ka:m                 | ‘basket’        |
| 136. | thenyeka            | theŋeka              | ‘face’          |
| 137. | bhot                | phət                 | ‘mole’          |
| 138. | büyanghek           | bujəŋhek             | ‘jackfruits’    |
| 139. | nai                 | nəi                  | ‘shawl’         |
| 140. | phe                 | p <sup>h</sup> e     | ‘meat’          |
| 141. | lakan               | la:kən               | ‘gooseberry’    |
| 142. | buhék               | buhék                | ‘fruits’        |

### PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 143. | ngei                | ŋai                  | ‘I’             |
| 144. | no                  | no                   | ‘you’           |
| 145. | san                 | sən                  | ‘we’            |
| 146. | hao                 | hau                  | ‘he’            |
| 147. | sao                 | səo                  | ‘she/he’        |
| 148. | hauen               | hauen                | ‘they’          |
| 149. | saneibü             | səneibə              | ‘our’           |

## DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 150. | ho                  | hə                   | ‘this’          |
| 151. | habüo               | habəhə               | ‘these’         |
| 152. | kho                 | khə                  | ‘that’          |

## ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 153. | loubü               | loubə                | ‘tall’          |
| 154. | saklangbü           | saklɒŋbə             | ‘red’           |
| 155. | shong               | ʃoŋ                  | ‘big’           |
| 156. | haijubü             | hɒiʃʌpə              | ‘sour’          |
| 157. | hao                 | hɒu                  | ‘strong’        |
| 158. | saman               | samɒn                | ‘ripe’          |

## ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 159. | pantaiko            | panteko              | ‘quickly’       |
| 160. | khang               | kɒŋ                  | ‘loudly’        |
| 161. | olin                | olin                 | ‘happy’         |
| 162. | chalou-angbou       | ʃalɒu-ɒŋbɒu          | ‘everyday’      |

## VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 163. | kouda               | kɒudi                | ‘go’            |
| 164. | weda                | veda                 | ‘reads’         |
| 165. | ngumda              | ŋəmɒɒ                | ‘beats’         |
| 166. | waban-thongtia      | wə:bən-təŋtia        | ‘cut-down’      |
| 167. | shao                | ʃɒu                  | ‘eat’           |
| 168. | hapda               | hɒpɒɒ                | ‘cry’           |
| 169. | langka              | lɒŋə                 | ‘run’           |

**INTERROGATIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 170. | ai                  | li`                  | ‘what/why’      |
| 171. | lan                 | la:n                 | ‘where’         |
| 172. | laobao              | lɔubɔu               | ‘which’         |
| 173. | ladang              | ladaŋ                | ‘when’          |

**CHOKRI****NOUN**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 174. | yi                  | ji                   | ‘field’         |
| 175. | kütholüsi           | kəthələsi            | ‘bible’         |
| 176. | sübo                | sɪbɔ’                | ‘tree’          |
| 177. | che                 | tʃé                  | ‘house’         |
| 178. | tüshi               | tʃi                  | ‘dog’           |
| 179. | thüpi               | thɪpə                | ‘boy’           |
| 180. | krüneko             | tʃiənəkɔ             | ‘parents’       |
| 181. | lumishe             | lɪmúsé               | ‘pumpkin’       |
| 182. | mürha               | mé.ɪha               | ‘basket’        |
| 183. | sühise              | səhísé               | ‘orange’        |
| 184. | bine                | bìnè                 | ‘yam’           |
| 185. | thüba               | thəbá                | ‘stool’         |
| 186. | thüzo               | thɪzɔ’               | ‘rat’           |
| 187. | rüpükra             | ɪəpɪkɪá              | ‘mole’          |
| 188. | kotharse            | kəthársé             | ‘jackfruit’     |
| 189. | khü                 | khwɪ                 | ‘shawl’         |
| 190. | thüvoshi            | thəvəʃhɪ             | ‘pork’          |
| 191. | söswünuse           | sɪʃúnúsé             | ‘gooseberry’    |
| 192. | onganye             | Ūŋáné                | ‘baby’          |
| 193. | rase                | rásé                 | ‘fruit’         |
| 194. | khutsü              | khùtsɔ’              | ‘rice’          |

**VERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 195. | tsü                 | tʃə                  | ‘go’            |
| 196. | kra                 | kɪá                  | ‘cry’           |
| 197. | phi                 | phɪ                  | ‘read’          |
| 198. | vü                  | və                   | ‘beat’          |
| 199. | veve                | vévé                 | ‘cut-down’      |
| 200. | ngo                 | ŋɔ                   | ‘saw’           |
| 201. | unü                 | ùnɔ’                 | ‘like’          |
| 202. | ti                  | tɪ                   | ‘eat’           |
| 203. | ta                  | tá                   | ‘walk’          |
| 204. | ta                  | tá                   | ‘ran’           |
| 205. | muda                | mɪdà                 | ‘lie’           |
| 206. | vo                  | vɔ’                  | ‘come’          |

|      |      |       |         |
|------|------|-------|---------|
| 207. | seva | sé'vá | 'know'  |
| 208. | rümo | ĩtmó  | 'doubt' |

### ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 209. | tsühi               | tsóhì                | 'now'           |
| 210. | mütso-ri            | mĩtsó-rì             | 'quickly'       |
| 211. | müto-ri             | mə̀tɔ́-rì            | 'loudly'        |
| 212. | unü-ri              | ùnə́-rì              | 'happily'       |
| 213. | tüsonha             | tə̀sɔ́nhà            | 'every day'     |
| 214. | südo                | sə̀dɔ́               | 'tomorrow'      |
| 215. | ndo                 | ndɔ́                 | 'yesterday'     |
| 216. | tha                 | thá                  | 'today'         |

### ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 217. | kücho               | kə̀ŋhɔ́              | 'tall'          |
| 218. | mütü                | mĩttì                | 'strong'        |
| 219. | mütsü               | mə̀tsə́              | 'ripe'          |
| 220. | kümüre              | kĩmĩrɛ́              | 'red'           |
| 221. | küzho               | kĩzɔ́                | 'big'           |
| 222. | kukhro              | kĩtʃɔ́               | 'sour'          |
| 223. | nlürü-da            | nlĩrĩ-dà             | 'angry'         |
| 224. | mülü-tsü            | mĩlĩ-tsə́            | 'sure'          |

### PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 225. | e                   | ĩ                    | 'I'             |
| 226. | pü                  | pə́                  | 'she/he'        |
| 227. | no                  | nɔ́                  | 'you'           |
| 228. | uko                 | úkɔ́                 | 'our'           |
| 229. | puko                | pukɔ́                | 'they'          |
| 230. | uko                 | ukɔ́                 | 'we'            |
| 231. | aza                 | aza                  | 'my'            |
| 232. | nza                 | nza                  | 'your'          |
| 233. | pü                  | pə́                  | 'his/her'       |
| 234. | puko                | pukɔ́                | 'their'         |



## POSTPOSITION

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 235. | lü                  | l̥t̥                 | ‘on’            |
| 236. | khro                | kh̥r̥o̥              | ‘under’         |
| 237. | lülü                | l̥l̥l̥t̥             | ‘inside’        |

## DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 238. | ni                  | ni                   | ‘those/these’   |
| 239. | tsü                 | ts̥o̥                | ‘this’          |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 226. | dipu                | d̥i̥p̥t̥             | ‘what’          |
| 227. | dipuche             | d̥i̥p̥u̥t̥ʃ̥e̥       | ‘where’         |
| 228. | dina                | d̥i̥n̥ḁ             | ‘why’           |
| 229. | dipu                | d̥i̥p̥t̥             | ‘which’         |

## KHEZHA

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 230. | alo-o               | ə̌l̥õ:              | ‘field’         |
| 231. | kesoleshi           | k̥ẽs̥õl̥ẽs̥ĩ     | ‘bible’         |
| 232. | tshübo              | t̥ʃ̥ə̃b̥õ           | ‘tree’          |
| 233. | ke                  | k̥ẽ                 | ‘house’         |
| 234. | tshü                | t̥ʃ̥ə̃               | ‘dog’           |
| 235. | rhamu               | r̥h̥ẽm̥ũ           | ‘pumpkin’       |
| 236. | melhe               | m̥ẽl̥h̥ẽ           | ‘basket’        |
| 237. | methiche            | m̥ẽt̥h̥ĩt̥ʃ̥h̥ẽ   | ‘orange’        |
| 238. | dzünu               | ɖ̥z̥ə̃n̥ũ           | ‘yam’           |
| 239. | mhebe               | m̥h̥ẽb̥ẽ           | ‘stool’         |
| 240. | zhu                 | z̥ũ                 | ‘rat’           |
| 241. | lebu                | l̥ẽb̥ũ             | ‘mole’          |
| 242. | nomhu               | n̥õm̥h̥ũ           | ‘face’          |
| 243. | kothal              | k̥õt̥h̥ãl̥         | ‘jackfruit’     |
| 244. | ra                  | r̥ã                 | ‘shawl’         |
| 245. | votshü              | v̥õt̥ʃ̥ə̃           | ‘pork’          |
| 246. | küluche             | k̥ə̃l̥ũt̥ʃ̥h̥ẽ     | ‘gooseberry’    |
| 247. | nucü                | n̥ũt̥ʃ̥ə̃           | ‘baby’          |
| 248. | lache               | l̥ãt̥ʃ̥ẽ           | ‘fruit’         |
| 249. | khromi              | kh̥r̥õm̥ĩ          | ‘boy’           |

**VERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 250. | mha                 | mhà                  | ‘go’            |
| 251. | kre                 | krē                  | ‘cry’           |
| 252. | phrü                | phrə                 | ‘read’          |
| 253. | de-e                | dē:                  | ‘beat’          |
| 254. | wetsha              | wètʃa                | ‘cut-down’      |
| 255. | ngu                 | ŋù                   | ‘saw’           |
| 256. | nyi                 | ɲì                   | ‘like/want’     |
| 257. | to                  | tò                   | ‘eat’           |
| 258. | te                  | té                   | ‘walk’          |
| 259. | te                  | tè                   | ‘run’           |
| 260. | wude                | wùdé                 | ‘come’          |
| 261. | müda                | mədá                 | ‘lie’           |
| 262. | sü-a                | sə-à                 | ‘doubt’         |
| 263. | che-a               | ʃè-à                 | ‘know’          |
| 264. | tsali               | tsali                | ‘sing’          |
| 265. | pu                  | pù                   | ‘feed’          |

**ADVERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 266. | tsütshonyi          | tsətshōɲì            | ‘every day’     |
| 267. | theja               | thēɟʒà               | ‘tomorrow’      |
| 268. | aja                 | èɟʒà                 | ‘yesterday’     |
| 269. | kathinyi            | kēthíɲì              | ‘today’         |
| 270. | atsa                | ātsā                 | ‘now’           |
| 271. | mhemhe              | mhēmhè               | ‘fast’          |
| 272. | melho- a            | mèlhɔ- à             | ‘quickly’       |
| 273. | lekuo-a             | lèkúɔ-à              | ‘loudly’        |
| 274. | thuru               | thú.ɲù               | ‘happily’       |

**ADJECTIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 275. | lude                | lúdè                 | ‘angry’         |
| 276. | ketha               | kēthá                | ‘tall’          |
| 277. | muzü                | müzə                 | ‘ripe’          |
| 278. | keha                | kàhá                 | ‘red’           |
| 279. | kadu                | kədú                 | ‘big’           |
| 280. | take                | tàké                 | ‘smoked’        |
| 281. | khrometsüzü         | khromètsəzə          | ‘sour’          |

## PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 282. | nyi                 | ɲi                   | 'I'             |
| 283. | aro                 | àrɔ̀                 | 'our'           |
| 284. | pu                  | pù                   | 'she/he'        |
| 285. | no                  | nɔ                   | 'you'           |
| 286. | puro                | puɔ                  | 'they'          |
| 287. | aro                 | arɔ                  | 'we'            |
| 288. | awe                 | awe                  | 'my'            |
| 289. | ewe                 | iwe                  | 'your'          |
| 290. | pumi                | pumi                 | her/his'        |
| 291. | puro                | puɔ                  | 'their'         |

## POSTPOSITION

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 292. | phe                 | phe                  | 'on'            |
| 293. | lulo                | lúlɔ̀                | 'inside'        |

## DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 287. | huno                | húnɔ̀                | 'those'         |
| 288. | hi                  | hì                   | 'these'         |
| 289. | hino                | hìnɔ̀                | 'this'          |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 290. | dibi                | díbì                 | 'what'          |
| 291. | daba                | dábá                 | 'where'         |
| 292. | ditshü              | dìtshó               | 'why'           |
| 293. | adibi               | édìbì                | 'which'         |

## KHIAMNIUNGAN

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 294. | iu                  | iu                   | 'field'         |
| 295. | asiothsamlai        | asioθsəlai:          | 'bible'         |
| 296. | pai                 | pai                  | 'tree'          |
| 297. | tsam                | ʃʌm                  | 'house'         |
| 298. | che                 | ʃi                   | 'dog'           |
| 299. | thoichem            | thoʃem               | 'pumpkin'       |
| 300. | makai               | makai                | 'orange'        |
| 301. | noikham             | nɔikhʌm              | 'stool'         |
| 302. | leng                | leŋ                  | 'yam'           |
| 303. | sao                 | sau                  | 'rat'           |
| 304. | kim                 | kim                  | 'basket'        |
| 305. | kha                 | kha                  | 'face'          |
| 306. | chut                | ʃhut                 | 'mole'          |
| 307. | pulong              | pɔloŋ                | 'jackfruits'    |
| 308. | cham                | jəm                  | 'road'          |
| 309. | nepat               | nepʌt                | 'shawl'         |
| 310. | jangneh             | jʌŋne                | 'pork'          |
| 311. | thsashep            | tshʌʃep              | 'gooseberry'    |
| 312. | shep                | ʃep                  | 'fruits'        |

### PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 313. | ngo                 | ŋɔ                   | '1'             |
| 314. | sam                 | sam                  | 'we'            |
| 315. | hüm                 | həm                  | 'our'           |
| 316. | apa                 | ʌpa                  | 'he/she'        |
| 317. | ngoso               | ŋɔsɔʔ                | 'they'          |
| 318. | ni                  | ni                   | 'you'           |
| 319. | jü                  | Jə                   | 'my'            |
| 320. | nyen                | ŋjin                 | 'your'          |
| 321. | apa                 | ʌpa                  | 'her/his'       |
| 322. | ngüso ün            | ŋɔsɔ ən              | 'their'         |

### DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 317. | nong                | nɔŋ                  | 'this/that'     |
| 318. | nongso              | nɔŋsɔ                | 'these'         |

**ADJECTIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 319. | lain                | lai:n                | ‘tall’          |
| 320. | asheng              | ʌʃɪn                 | ‘red’           |
| 321. | asong               | ʌsɔŋ                 | ‘big’           |
| 322. | ahejek              | eheʃfek              | ‘sour’          |
| 323. | kong                | kɔŋ                  | ‘strong’        |
| 324. | ashem               | ʌʃem                 | ‘ripe’          |

**ADVERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 325. | khaulaoko           | khaulaoko            | ‘fast’          |
| 326. | shakshak            | ʃʌkʃʌk               | ‘quickly’       |
| 327. | thsouko             | thsouko              | ‘loudly’        |
| 328. | mongleng            | mɔŋleŋ               | ‘happy’         |
| 329. | asaita              | ʌsaiʃtə              | ‘everyday’      |

**VERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 330. | keiji               | kêi-ji               | ‘walk’          |
| 331. | keing               | ke-iŋ                | ‘went’          |
| 332. | veji                | wê-ʃi                | ‘read’          |
| 333. | ve-ji               | wêiʃi                | ‘beat’          |
| 334. | tham-i-yan          | thʌm-i-jʌ-iu         | ‘cut-down’      |
| 335. | hen                 | he:n                 | ‘ate’           |
| 336. | sham                | ʃa:m                 | ‘cried’         |
| 337. | jing                | ʃieng                | ‘run’           |
| 338. | ahe                 | ahe                  | ‘eat’           |

**INTERROGATIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 339. | dito                | tetɔ                 | ‘what’          |
| 340. | dailie              | telai?               | ‘when’          |
| 341. | daiao               | te:au                | ‘why’           |
| 342. | daisapao            | tesəpau              | ‘which’         |
| 343. | hao                 | hʌu                  | ‘who’           |
| 344. | daiei               | te-ai                | ‘where’         |
| 345. | dai                 | tai                  | ‘how’           |

## KONYAK

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 346. | kah                 | kʌʔ                  | ‘field’         |
| 347. | üjaolaishipa        | ʌʃaʌlaiʃipa          | ‘bible’         |
| 348. | pee                 | pi                   | ‘tree’          |
| 349. | nok                 | nok                  | ‘house’         |
| 350. | koiha               | koiha                | ‘dog’           |
| 351. | nyu-hei-pa          | nju-hai-pa           | ‘parents’       |
| 352. | manlong             | manlɔŋ               | ‘pumpkin’       |
| 353. | küm                 | k <sup>h</sup> əm    | ‘basket’        |
| 354. | tanyin              | tɔɲi:n               | ‘orange’        |
| 355. | shotjing            | sotʃɲ                | ‘stool’         |
| 356. | teang               | te:ŋ                 | ‘yam’           |
| 357. | yuh                 | juʔ                  | ‘rat’           |
| 358. | sheta               | sita                 | ‘face’          |
| 359. | yimpuvüjak          | jimpuvəntʃak         | ‘mole’          |
| 360. | peeyong             | pijɔŋ-lan            | ‘jackfruit’     |
| 361. | innye               | inɲi                 | ‘shawl’         |
| 362. | phang               | p <sup>h</sup> aŋ    | ‘gooseberry’    |
| 363. | nük                 | ɲək                  | ‘food’          |
| 364. | naotak              | nautak               | ‘baby’          |
| 365. | peelick             | pilik                | ‘fruit’         |

### PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 366. | tao                 | tau                  | ‘I’             |
| 367. | nang                | nʌŋ                  | ‘you’           |
| 368. | yha                 | ja                   | ‘she’           |
| 369. | i                   | i                    | ‘he’            |
| 370. | iman                | imʌn                 | ‘they’          |
| 371. | taman               | tɔmʌn                | ‘we’            |
| 372. | teman               | təman                | ‘our’           |
| 373. | i                   | i                    | ‘my’            |
| 374. | nang                | nʌŋ                  | ‘your’          |
| 375. | yha                 | ja                   | ‘her’           |
| 376. | i                   | i                    | ‘his’           |
| 377. | iman                | imʌn                 | ‘their’         |

### VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 378. | ta                  | ta                   | ‘go’            |
| 379. | shap                | sʌp                  | ‘cry’           |

|      |       |      |        |
|------|-------|------|--------|
| 380. | i     | i    | ‘read’ |
| 381. | shet  | sʌt  | ‘beat’ |
| 382. | wat   | wʌt  | ‘cut’  |
| 383. | nge   | ŋi   | ‘see’  |
| 384. | leang | le:ŋ | ‘like’ |
| 385. | hah   | haʔ  | ‘eat’  |
| 386. | kem   | kem  | ‘walk’ |
| 387. | phet  | pʰət | ‘ran’  |
| 388. | ngoh  | ŋoʔ  | ‘live’ |
| 389. | shing | səŋ  | ‘know’ |
| 390. | uh    | uʔ   | ‘fed’  |
| 391. | lok   | lək  | ‘sing’ |
| 392. | wen   | wɪn  | ‘come’ |

### ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 393. | mum                 | məm                  | ‘fast’          |
| 394. | mum                 | mʌm                  | ‘quick’         |
| 395. | üngwen              | əŋvən                | ‘loud’          |
| 396. | mongmei             | mɔŋmai               | ‘happy’         |
| 397. | ngihjeih            | ŋjiʔʃaiʔ             | ‘everyday’      |
| 398. | ngaingih            | ŋainjiʔ              | ‘tomorrow’      |
| 399. | müngih              | mənji                | ‘yesterday’     |
| 400. | sahah               | saʔa                 | ‘now’           |

### ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 401. | ütak                | ʌtək                 | ‘red’           |
| 402. | üyong               | ajəŋ                 | ‘big’           |
| 403. | shipu               | sʌppu                | ‘sour’          |
| 404. | mongshi             | mɔŋʃi                | ‘angry’         |
| 405. | yim                 | jɪm                  | ‘ripe’          |
| 406. | wanyang             | wanjʌŋ               | ‘smoked’        |

### INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 407. | hangke              | hʌŋke                | ‘what’          |
| 408. | üme                 | ʌmə                  | ‘where’         |
| 409. | hangne              | hʌŋke                | ‘why’           |
| 410. | hangkepu            | hʌŋkiʔpu             | ‘which’         |

## LIANGMAI

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u>           | <u>Glossing</u> |
|------|---------------------|--------------------------------|-----------------|
| 403. | chalu               | tsəlu                          | ‘field’         |
| 404. | kansanboariakhung   | kənsənboʌriakh <sup>w</sup> aŋ | ‘bible’         |
| 405. | singbang            | siŋbɑŋ                         | ‘tree’          |
| 406. | papum               | papum                          | ‘body’          |
| 407. | ki                  | ki                             | ‘house’         |
| 408. | tethi               | tet <sup>h</sup> i             | ‘dog’           |
| 409. | napiu               | nʌpiu                          | ‘boy’           |
| 410. | pui                 | pui                            | ‘mother’        |
| 411. | piu                 | piu                            | ‘father’        |
| 412. | chamampum           | tsʌma:mpum                     | ‘pumpkin’       |
| 413. | chara               | tsəra:                         | ‘basket’        |
| 414. | pantarashi          | pəntərə:si                     | ‘orange’        |
| 415. | kabipui             | kəbipui                        | ‘yam’           |
| 416. | chabam              | tsʌbʌm                         | ‘stool’         |
| 417. | taza                | təza:                          | ‘rat’           |
| 418. | ju                  | zu                             | ‘face’          |
| 419. | nkinpum             | nk <sup>h</sup> inpum          | ‘mole’          |
| 420. | nzwangshi           | nzwʌŋsi                        | ‘jackfruit’     |
| 421. | chapai              | tsʌp <sup>h</sup> ai           | ‘shawl’         |
| 422. | chemi               | tsəmi                          | ‘meat’          |
| 423. | ngena               | ŋ <sup>y</sup> ena             | ‘baby’          |
| 424. | charashi            | tsʌra:si                       | ‘fruit’         |
| 425. | ta                  | ta                             | ‘rice’          |
| 426. | chaliu              | tsəliu                         | ‘song’          |
| 427. | malum               | məlum                          | ‘trust’         |
| 428. | parin               | perin                          | ‘height’        |

### VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 430. | meng                | məŋ                  | ‘go’            |
| 431. | kab                 | kʌb                  | ‘cry’           |
| 432. | kin                 | kin                  | ‘read’          |
| 433. | la                  | la                   | ‘beat’          |
| 434. | gae                 | ge                   | ‘cut’           |
| 435. | ngau                | ŋau                  | ‘see’           |
| 436. | peningye            | pəniŋje              | ‘like’          |
| 437. | tiu                 | tiu                  | ‘eat’           |
| 438. | ta                  | tə                   | ‘walk’          |
| 439. | pa                  | pa:                  | ‘run’           |



|      |        |                   |           |
|------|--------|-------------------|-----------|
| 440. | lung   | luŋ               | ‘live’    |
| 441. | siye   | sije              | ‘know’    |
| 442. | sishek | sisiak            | ‘doubt’   |
| 443. | wang   | wΛŋ               | ‘come’    |
| 444. | pilu   | pilu              | ‘feed’    |
| 445. | malum  | malum             | ‘trust’   |
| 446. | thiu   | t <sup>h</sup> iu | ‘sing’    |
| 447. | gu     | gu                | ‘belongs’ |
| 448. | ni     | ni                | ‘want’    |
| 449. | ared   | ared              | ‘lie’     |

### ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u>  | <u>Glossing</u> |
|------|---------------------|-----------------------|-----------------|
| 450. | kanchangnai         | kəntsΛŋnai            | ‘every day’     |
| 451. | tohoi               | təhoi                 | ‘now’           |
| 452. | nsunai              | nsunai                | ‘tomorrow’      |
| 453. | ndanai              | nda:nai               | ‘yesterday’     |
| 454. | nthainai            | nt <sup>h</sup> ainai | ‘today’         |
| 455. | thun                | t <sup>h</sup> un:    | ‘down’          |

### ADJECTIVES

|      | <u>Orthographic</u> | <u>Transcription</u>   | <u>Glossing</u> |
|------|---------------------|------------------------|-----------------|
| 456. | ketheng             | ket <sup>h</sup> eŋ    | ‘tall’          |
| 457. | tan                 | tan                    | ‘strong’        |
| 458. | ri                  | ri                     | ‘top’           |
| 459. | hanga               | hΛŋgΛ                  | ‘under’         |
| 460. | lungki              | luŋki                  | ‘inside’        |
| 461. | keminbu             | keminbu                | ‘ripe’          |
| 462. | kedi                | kədi                   | ‘big’           |
| 463. | kekibu              | kekibu                 | ‘smoked’        |
| 464. | kekheingbu          | kək <sup>h</sup> iaŋbu | ‘sour’          |
| 465. | nzad                | nzΛd                   | ‘fast/quick’    |
| 466. | tan                 | tΛn                    | ‘loud’          |
| 467. | pechunwe            | pətsunwi               | ‘happy’         |
| 468. | nlungpum            | nluŋpum                | ‘angry’         |
| 469. | keheng              | Keheŋ                  | ‘red’           |

## PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 470. | e                   | i                    | ‘I’             |
| 471. | aliu                | aliu                 | ‘our’           |
| 472. | nang                | nɒŋ                  | ‘your’          |
| 473. | paliu/Pa/We         | pʌ /peliu/wi         | ‘she/he’        |
| 474. | pegu                | pegu                 | ‘his/her’       |
| 475. | nang                | nɒŋ                  | ‘you’           |
| 476. | peliu               | pəliu                | ‘they’          |
| 477. | aliu                | aliu                 | ‘we’            |
| 478. | a                   | a                    | ‘my’            |
| 479. | pagu                | pʌgu                 | ‘her/his’       |
| 480. | peliu               | pəliu                | ‘their’         |

## DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 475. | wepiu               | wipiu                | ‘those’         |
| 476. | hainapiu            | hainapiu             | ‘these’         |
| 477. | haizi               | haizi                | ‘this’          |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 478. | nde                 | nde                  | ‘what/why’      |
| 479. | ndega               | ndega                | ‘where’         |
| 480. | ndegu               | ndegu                | ‘which’         |

## LOTHA

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u>  | <u>Glossing</u> |
|------|---------------------|-----------------------|-----------------|
| 481. | oli                 | ɔli                   | ‘field’         |
| 482. | nthomotsü           | n <sup>h</sup> ɔmɔtsə | ‘bible’         |
| 483. | otong               | ɔtɔŋ                  | ‘tree’          |
| 484. | oki                 | ɔki                   | ‘house’         |
| 485. | opvü-opo            | ɔp <sup>fə</sup> -ɔpɔ | ‘parents’       |
| 486. | emathi              | emat <sup>h</sup> i   | ‘pumpkin’       |
| 487. | tsungthero          | tsəŋtherɔ             | ‘basket’        |

|      |          |          |              |
|------|----------|----------|--------------|
| 488. | konken   | kɔnken   | ‘orange’     |
| 489. | evan     | evʌn     | ‘stool’      |
| 490. | mani     | mani     | ‘yam’        |
| 491. | lüm̩tsük | lɔm̩tsɛk | ‘rat’        |
| 492. | omha     | ɔmha     | ‘face’       |
| 493. | tsüŋgon  | tsɛŋgɔn  | ‘mole’       |
| 494. | osü      | ɔsɔ      | ‘shawl’      |
| 495. | füro     | fɛrɔ     | ‘dog’        |
| 496. | jükithi  | ʃɛkitʰi  | ‘gooseberry’ |
| 497. | ngaro    | ŋarɔ-rɔ  | ‘baby’       |
| 498. | tsüŋgthi | tsɛŋtʰi  | ‘fruit’      |
| 499. | otsi     | ɔtsi     | ‘rice’       |
| 500. | okhen    | ɔkʰɛn    | ‘song’       |

## PRONOUNS

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 501. | a                   | a                    | ‘I’             |
| 502. | ni                  | ni                   | ‘you’           |
| 503. | ompvü               | ɔmpf                 | ‘she’           |
| 504. | ompo                | ɔmpɔ                 | ‘he’            |
| 505. | onte                | ɔnte                 | ‘they’          |
| 506. | ete                 | ete                  | ‘we/our’        |
| 507. | a                   | a                    | ‘my’            |
| 508. | ni                  | ni                   | ‘your’          |
| 509. | ompvü               | ɔmpf                 | ‘her’           |
| 510. | ompo                | ɔmpɔ                 | ‘his’           |
| 511. | onte                | ɔnte                 | ‘their’         |

## VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 512. | tsoa                | tsoa                 | ‘eat’           |
| 513. | vana                | vana                 | ‘live’          |
| 514. | khvüa               | kʰvɛa                | ‘sing’          |
| 515. | woa                 | wua                  | ‘go’            |
| 516. | kya                 | kjʌ                  | ‘cry’           |
| 517. | kha                 | kʰʌ                  | ‘read’          |
| 518. | sa                  | sa                   | ‘beat’          |
| 519. | tana                | tʌnʌ                 | ‘cut’           |
| 520. | hünga               | hɛŋʌ                 | ‘see’           |
| 521. | chokata             | ʃʰɔkʌtʌ              | ‘like’          |
| 522. | tsa                 | tsʌ                  | ‘walk’          |
| 523. | yonga               | jɔŋʌ                 | ‘ran’           |
| 524. | ntsia               | ntsia                | ‘know’          |
| 525. | tsotoka             | tsɔtɔkʌ              | ‘feed’          |
| 526. | yia                 | jia                  | ‘come’          |

**ADVERB**

|      | <u>Orthographic</u> | <u>Transcription</u>   | <u>Glossing</u> |
|------|---------------------|------------------------|-----------------|
| 527. | ekhyolaka           | ek <sup>h</sup> jɔlɒkɒ | ‘fast’          |
| 528. | ekhyolaka           | ek <sup>h</sup> jɔtɔ   | ‘quick’         |
| 529. | ekhyoto             | ek <sup>h</sup> jɔtɔ   | ‘loud’          |
| 530. | ematha              | emat <sup>h</sup> a    | ‘happy’         |
| 531. | engakvü             | eŋakvə                 | ‘everyday’      |
| 532. | enunga              | enɔŋa                  | ‘now’           |
| 533. | ojyua               | oʃjua                  | ‘tomorrow’      |
| 534. | njü                 | nʃə                    | ‘yesterday’     |

**ADJECTIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 535. | emyon               | emjɔn                | ‘red’           |
| 536. | tsüphov             | tsəp <sup>h</sup> ov | ‘big’           |
| 537. | ethem               | eth <sup>h</sup> em  | ‘sour’          |
| 538. | lümetsok            | ləmetɕok             | ‘angry’         |
| 539. | emhen               | em <sup>h</sup> en   | ‘ripe’          |
| 540. | emyon               | emjɔn                | ‘red’           |
| 541. | tsüphov             | tsəp <sup>h</sup> ov | ‘big’           |
| 542. | nkong               | nkɔŋ                 | ‘dried’         |

**INTERROGATIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 543. | ntio                | ntio                 | ‘what’          |
| 544. | kvülo               | kvəlo                | ‘where’         |

**NTHENYI****Noun**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 545. | ali                 | ɒli                  | ‘field’         |
| 546. | kemetha             | kemit <sup>h</sup> a | ‘Bible’         |
| 547. | acchanton           | ɒʃɒntɔ̃              | ‘tree’          |

|      |          |          |                |
|------|----------|----------|----------------|
| 548. | jen      | ʒẽ       | ‘house’        |
| 549. | ffü      | fï       | ‘dog’          |
| 550. | pfüzanyi | pfızan’i | ‘boy’          |
| 551. | pajja    | pʌʒʌ     | ‘parents’      |
| 552. | axxami   | ʌfiɑ:mi  | ‘pumpkin’      |
| 553. | ashejüü  | aSiʒi    | ‘basket’       |
| 554. | akekeen  | ʌkikẽ    | ‘orange’       |
| 555. | abe      | ʌpi      | ‘yam’          |
| 556. | kezhüpen | kiʒipẽ   | ‘table’        |
| 557. | ameejü   | ʌmiʒi~   | ‘rat’          |
| 558. | akeza    | ʌkeza    | ‘mole’         |
| 559. | kothal   | kɔtʰʌl   | ‘jackfruit’    |
| 560. | atshü    | ʌtsʰi    | ‘shawl’        |
| 561. | asa      | ʌsa      | ‘meat’         |
| 562. | ashüli   | ʌʃɔli    | ‘gooseberries’ |
| 563. | angaa    | ʌŋa      | ‘baby’         |
| 564. | aketsau  | ʌkitsau  | ‘fruit’        |
| 565. | anan     | ʌnẽ      | ‘rice’         |
| 566. | akkhwi   | ʌkʰwi    | ‘song’         |

### Verb

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 567. | wa                  | wʌ                   | ‘go’            |
| 568. | qui                 | qi                   | ‘cry’           |
| 569. | se                  | si                   | ‘read’          |
| 570. | kehai               | kefi                 | ‘beat’          |
| 571. | wishü               | wiʃi:                | ‘cut’           |
| 572. | mvü                 | mvə                  | ‘see’           |
| 573. | manen               | mʌnə                 | ‘like’          |
| 574. | tsa                 | tsʌ                  | ‘eat’           |
| 575. | bvü                 | pfï                  | ‘run’           |
| 576. | xhan                | hʌn                  | ‘live’          |
| 577. | chüpen.             | ʃʰipẽ                | ‘know’          |
| 578. | ghola               | ʉɔula                | ‘come’          |
| 579. | sa                  | sa:                  | ‘sing’          |

### Adverb

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 580. | atsathang           | ʌtsʌtʰʌŋ             | ‘every day’     |
| 581. | khili               | kʰili                | ‘now’           |
| 582. | dhetsü-ü            | tʰitsi - i           | ‘tomorrow’      |
| 583. | ghaani              | ʉɑ:n’i               | ‘yesterday’     |
| 584. | naansüü             | nʌ~si~:              | ‘today’         |

### Adjectives

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 585. | kesiwa              | kesiwa               | ‘tall’          |
| 586. | zū                  | zì                   | ‘strong’        |
| 587. | miwi                | miwi                 | ‘above’         |
| 588. | chakhowi            | ʃak <sup>h</sup> uwi | ‘under’         |
| 589. | ntuku               | ntuku                | ‘inside’        |
| 590. | kenien              | kine                 | ‘ripe’          |
| 591. | ketsü               | kitsi                | ‘big’           |
| 592. | kemequi             | kimiki               | ‘smoked’        |
| 593. | kisi                | kisi                 | ‘sour’          |
| 594. | chwien              | ʃuē                  | ‘fast’          |
| 595. | wanwan              | wΛwã:                | ‘quick’         |
| 596. | maghaa              | mΛuʔa                | ‘loud’          |
| 597. | nonghe              | nouʔe                | ‘happy’         |
| 598. | libentso            | lipētsu              | ‘angry’         |
| 599. | kemmi               | kimi                 | ‘red’           |

### Pronouns

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 600. | ma                  | mΛ                   | ‘S/he’          |
| 601. | ethu                | it <sup>h</sup> u    | ‘Our’           |
| 602. | hi                  | hi                   | ‘I’             |
| 603. | n                   | n                    | ‘your’          |
| 604. | na                  | nΛ                   | ‘you’           |
| 605. | mathu               | mΛthu                | ‘they’          |
| 606. | ithu                | ithu                 | ‘we’            |
| 607. | azhi                | idʒi                 | ‘my’            |
| 608. | na                  | nΛ                   | ‘your’          |
| 609. | mathuyi             | mΛthuʒi              | ‘their’         |

### Demonstratives

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 610. | ha                  | ha                   | ‘these/this’    |

### Interrogatives

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 611. | maan                | mu                   | ‘what’          |
| 612. | kiwa                | k <sup>h</sup> iwa   | ‘where’         |
| 613. | maanli              | mΛle                 | ‘why’           |
| 614. | khawa               | k <sup>h</sup> Λwa   | ‘which’         |

## NZONKHWE

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 615. | low                 | lɔ                   | ‘field’         |
| 616. | bible               | bʌɪbəl               | ‘Bible’         |
| 617. | senbin              | sə̃bĩ                | ‘tree’          |
| 618. | ka                  | kʌ                   | ‘house’         |
| 619. | hi                  | hi                   | ‘dog’           |
| 620. | pepvungu            | pəpvəŋə              | ‘parents’       |
| 621. | rhümvü              | rʰəm̩və              | ‘pumpkin’       |
| 622. | lokhu               | lɔkʰə                | ‘basket’        |
| 623. | khentere            | kʰentere             | ‘orange’        |
| 624. | Jur                 | ɟzəɪ                 | ‘yam’           |
| 625. | miz                 | mis                  | ‘stool’         |
| 626. | tepvü               | təpfə                | ‘rat’           |
| 627. | tezen               | təzə̃                | ‘mole’          |
| 628. | kothar              | kɔthar               | ‘jackfruit’     |
| 629. | kebenphi            | kʌbeñphi             | ‘shawl’         |
| 630. | tebo                | təbɔ                 | ‘pork’          |
| 631. | khonisha            | kʰonɪʃʌ              | ‘gooseberry’    |
| 632. | nyuhonyu            | ñuhɔ̃ɲu              | ‘baby’          |
| 633. | terasha             | tərʌʃʌ               | ‘fruit’         |
| 634. | chusa               | ʃusa                 | ‘rice’          |

### VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 635. | tsü                 | tsə                  | ‘go’            |
| 636. | chü                 | ʃə                   | ‘cry’           |
| 637. | swü                 | sə                   | ‘read’          |
| 638. | vü                  | və                   | ‘beat’          |
| 639. | du                  | də                   | ‘cut’           |
| 640. | hyü                 | hy                   | ‘see’           |
| 641. | kenyü               | kənnə                | ‘like’          |
| 642. | tyü                 | tə                   | ‘eat’           |
| 643. | tsonchü             | tsə̃ʃə               | ‘walk’          |
| 644. | tin                 | tĩ                   | ‘run’           |
| 645. | yhung               | juŋ                  | ‘live’          |
| 646. | shabin              | ʃʌbĩ                 | ‘know’          |
| 647. | ryü                 | rə                   | ‘come’          |
| 648. | ginthyü             | gɪnʰə                | ‘feed’          |
| 649. | lüthyü              | ləʰə                 | ‘sing’          |
| 650. | tenyhen             | təŋə                 | ‘believe’       |
| 651. | hon                 | hɔ̃                  | ‘belongs’       |

## ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u>   | <u>Glossing</u> |
|------|---------------------|------------------------|-----------------|
| 652. | khenyütsen          | k <sup>h</sup> ənətsə̃ | ‘every day’     |
| 653. | ntsoka              | ntsəkλ                 | ‘now’           |
| 654. | senduki             | səndəkɪ                | ‘tomorrow’      |
| 655. | ndu                 | ndə                    | ‘yesterday’     |
| 656. | nthu                | nt <sup>h</sup> ə      | ‘today’         |

## ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 657. | ketetso             | kətətso              | ‘tall’          |
| 658. | küü                 | kü                   | ‘strong’        |
| 659. | pesun               | pisü                 | ‘top’           |
| 660. | hensin              | hēsɪ                 | ‘under’         |
| 661. | nyunki              | ñuki                 | ‘inside’        |
| 662. | nyünkela            | ñenkəλ               | ‘ripe’          |
| 663. | keda                | kədλ                 | ‘big’           |
| 664. | kenko               | kəŋkɔ                | ‘dry’           |
| 665. | keshon              | kəsō                 | ‘sour’          |
| 666. | emhühü              | mm <sup>h</sup> ehə  | ‘fast/quick’    |
| 667. | ginsa               | gĩsλ                 | ‘loudly’        |
| 668. | shyerhün            | ʃər <sup>h</sup> ə̃  | ‘happy’         |
| 669. | nthün               | nt <sup>h</sup> ə̃   | ‘angry’         |
| 670. | kehon               | kλhə̃                | ‘red’           |

## PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 671. | ale                 | `λlē                 | ‘I’             |
| 672. | ngun                | n-gũ                 | ‘our’           |
| 673. | nle                 | nle                  | ‘your’          |
| 674. | pechegü             | pəʃəegə              | ‘he/his’        |
| 675. | tenugi              | təñugi               | ‘she/her’       |
| 676. | nle                 | nle                  | ‘you’           |
| 677. | anyugun             | λŋugun               | ‘they’          |
| 678. | ngue                | ŋue                  | ‘we’            |
| 679. | ahon                | λhō                  | ‘my’            |
| 680. | anyugun             | λŋugun               | ‘their’         |



## DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 681. | hi                  | hi                   | ‘these’         |
| 682. | hele                | hile                 | ‘this’          |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 683. | ngu                 | ñu                   | ‘what/why’      |
| 684. | dikipon             | dikipɔ̃              | ‘where’         |
| 685. | ngugenyü            | ñug <sup>w</sup> eñu | ‘why’           |
| 686. | digüle              | dig <sup>w</sup> əle | ‘which’         |

## PHOM

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u>    | <u>Glossing</u> |
|------|---------------------|-------------------------|-----------------|
| 687. | kahlei              | kaʔlai                  | ‘field’         |
| 688. | laihing             | laihəŋ                  | ‘bible’         |
| 689. | pü                  | pi                      | ‘tree’          |
| 690. | shem                | ʃʌm                     | ‘house’         |
| 691. | shie                | ʃi                      | ‘dog’           |
| 692. | nyühepa             | njəhipa                 | ‘parents’       |
| 693. | thuongyaü           | tʰoŋjaə                 | ‘pumpkin’       |
| 694. | shemha              | ʃʌmha                   | ‘basket’        |
| 695. | hangpao             | hʌŋpau                  | ‘orange’        |
| 696. | oushing             | uʃiŋ                    | ‘stool’         |
| 697. | duong               | tu:ŋ                    | ‘yam’           |
| 698. | yiüphüh             | jip <sup>hi</sup> ?     | ‘rat’           |
| 699. | thee                | tʰei                    | ‘face’          |
| 700. | aphom               | ap <sup>h</sup> ɔm      | ‘mole’          |
| 701. | plong               | plɔŋ                    | ‘jackfruit’     |
| 702. | ashak               | aʃak                    | ‘shawl’         |
| 703. | kaiphangjük         | kai <sup>p</sup> hʌŋʃək | ‘gooseberry’    |
| 704. | naü                 | nai                     | ‘baby’          |
| 705. | nük                 | nək                     | ‘rice’          |
| 706. | kesho               | keʃu                    | ‘song’          |
| 707. | betjük              | piʃik                   | ‘fruit’         |

**PRONOUN**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 708. | ngei                | ŋai                  | ‘I’             |
| 709. | niüng               | niŋ                  | ‘you’           |
| 710. | pünyüü              | piŋji                | ‘she’           |
| 711. | püpa                | piɾa                 | ‘he’            |
| 712. | jom                 | ʃom                  | ‘they’          |
| 713. | jen                 | ʃen                  | ‘we’            |
| 714. | ham                 | hɔm                  | ‘our’           |
| 715. | ngei                | ŋai                  | ‘my’            |
| 716. | nüng                | niŋ                  | ‘your’          |
| 717. | pünyüü              | piŋji                | ‘her’           |
| 718. | püpa                | piɾa                 | ‘his’           |
| 719. | jom                 | ʃom                  | ‘their’         |

**VERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 720. | hah                 | haʔ                  | ‘eat’           |
| 721. | nyu                 | ŋju                  | ‘live’          |
| 722. | lok                 | lɔk                  | ‘sing’          |
| 723. | sha                 | ʃaʔ                  | ‘go’            |
| 724. | thep                | tʰɔp                 | ‘cry’           |
| 725. | e                   | i                    | ‘read’          |
| 726. | üp                  | ip                   | ‘beat’          |
| 727. | akdük               | aktɔk                | ‘cut’           |
| 728. | e                   | i                    | ‘see’           |
| 729. | kam                 | kɔm                  | ‘walk’          |
| 730. | mok                 | mɔk                  | ‘ran’           |
| 731. | nyingtih            | ŋjiŋtiʔ              | ‘know’          |
| 732. | ühying              | iʔjiŋ                | ‘fed’           |
| 733. | pie                 | pai                  | ‘come’          |

**ADVERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 734. | shülangi            | ʃɔlanɟi              | ‘fast’          |
| 735. | wongmü              | uɔŋmɔ                | ‘loud’          |
| 736. | mongaong            | mɔŋɔŋ                | ‘happy’         |
| 737. | nyihjeih            | ŋjiʔʃeiʔ             | ‘everyday’      |
| 738. | sahang              | ʃaʔaŋ                | ‘now’           |
| 739. | ngünyih             | ŋiŋiʔ                | ‘tomorrow’      |
| 740. | münyih              | miŋiʔ                | ‘yesterday’     |

## ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 741. | hakla               | hakʔla               | ‘red’           |
| 742. | longpü              | lɔŋpɿ                | ‘big’           |
| 743. | thiyok              | tʰijɔk               | ‘sour’          |
| 744. | mongshih            | mɔŋʃiʔ               | ‘angry’         |
| 745. | shüm                | ʃəm                  | ‘ripe’          |
| 746. | longpü              | lɔŋpɿ                | ‘big’           |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 747. | melie               | məlai                | ‘where’         |
| 748. | mehe                | mehe                 | ‘what’          |
| 749. | mehekei             | mehekai              | ‘why’           |
| 750. | müpa                | məpa                 | ‘which’         |

## POCHURY

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 751. | akhuzhu             | ak <sup>h</sup> uʒu  | ‘field’         |
| 752. | ümütsezhü           | kəmətseʒə            | ‘bible’         |
| 753. | atsoshji            | ats <sup>h</sup> ɔʃi | ‘tree’          |
| 754. | azheh               | azje                 | ‘house’         |
| 755. | azhuh               | ʃuʔ                  | ‘dog’           |
| 756. | azahpari            | aʒaʔpaɾi             | ‘parents’       |
| 757. | khurni              | k <sup>h</sup> urni  | ‘pumpkin’       |
| 758. | amülo               | amiłə                | ‘basket’        |
| 759. | aluoshi             | aluʃə                | ‘orange’        |
| 760. | ape                 | ape                  | ‘stool’         |
| 761. | abea                | ape                  | ‘yam’           |
| 762. | amüzhü              | aməʒə                | ‘rat’           |
| 763. | nyie                | nji                  | ‘face’          |
| 764. | azanyi              | azanji               | ‘mole’          |
| 765. | pjiekhuti           | ʃik <sup>h</sup> uti | ‘jackfruit’     |
| 766. | atshü               | ats <sup>h</sup> ə   | ‘shawl’         |
| 767. | suorüzü             | surəʒə               | ‘gooseberry’    |
| 768. | atsa                | atsa                 | ‘baby’          |

|      |         |                     |         |
|------|---------|---------------------|---------|
| 769. | thüorvi | t <sup>h</sup> uɾvi | ‘fruit’ |
| 770. | ashie   | aʃe                 | ‘rice’  |

## PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 771. | nyimzawa            | njimzawa             | ‘she’           |
| 772. | nyimpawa            | njimpawa             | ‘he’            |
| 773. | noh                 | nɔ                   | you             |
| 774. | hi                  | hi                   | ‘I’             |
| 775. | mari                | mɒri                 | ‘they’          |
| 776. | hiri                | hiri                 | ‘we’            |
| 777. | ezhiri              | eziri                | ‘our’           |
| 778. | ezhi                | ezi                  | ‘my’            |
| 779. | nozhi               | nɔzi                 | ‘your’          |
| 780. | nyimzawa            | njimzawa             | ‘her’           |
| 781. | nyimpawa            | njimpawa             | ‘his’           |
| 782. | mazhiri             | maziri               | ‘their’         |

## VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 783. | tsan                | tsan                 | ‘eat’           |
| 784. | rho                 | r <sup>h</sup> ɔ     | ‘live’          |
| 785. | azah                | aza                  | ‘sing’          |
| 786. | krie                | krie                 | ‘cry’           |
| 787. | wa                  | wa                   | ‘go’            |
| 788. | chiem               | tʃ <sup>h</sup> em   | ‘read’          |
| 789. | fe                  | fe                   | ‘beat’          |
| 790. | jeja                | tʃeʃa                | ‘cut’           |
| 791. | ngu                 | ŋu                   | ‘see’           |
| 792. | lo                  | lɔ                   | ‘like’          |
| 793. | tσα                 | tze                  | ‘walk’          |
| 794. | zhü                 | ʒɔ                   | ‘ran’           |
| 795. | tshü                | ts <sup>h</sup> e    | ‘know’          |
| 796. | runa                | runa                 | ‘come’          |

## ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 797. | zhezeta             | ʒeʒeta               | ‘fast’          |
| 798. | ziezie              | ze:ze                | ‘loudly’        |
| 799. | lozhe               | lɔʒhe                | ‘happy’         |
| 800. | rülörülo            | ɾɔɾ.ɾɔɾ              | ‘everyday’      |
| 801. | khinyi              | k <sup>h</sup> inji  | ‘now’           |
| 802. | thoutü              | t <sup>h</sup> utɔ   | ‘tomorrow’      |
| 803. | luonyi              | luŋji                | ‘yesterday’     |

## ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 804. | kümüru              | kimi.ru              | 'red'           |
| 805. | aküji               | akəʃi                | 'big'           |
| 806. | aküso               | akəsu                | 'sour'          |
| 807. | arümütho            | arəmətʰə             | 'angry'         |
| 808. | aküne               | akine                | 'ripe'          |
| 809. | kawa                | kawa                 | 'smoked'        |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 810. | mowa                | məwa                 | 'what'          |
| 811. | khiela              | kʰela                | 'where'         |
| 812. | moken               | məken                | 'why'           |
| 813. | khie                | kʰe                  | 'which'         |

## SANGTAM

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 814. | lu                  | lu                   | 'field'         |
| 815. | azingdacho          | ʌziŋtʌʔʃʰə           | 'bible'         |
| 816. | singdong            | siŋtoŋ               | 'tree'          |
| 817. | ku                  | ku                   | 'house'         |
| 818. | füza                | fəza                 | 'dog'           |
| 819. | apherü              | apʰe.ɾə              | 'pumpkin'       |
| 820. | aring               | nʌ.iŋ                | 'orange'        |
| 821. | pumchi              | pumʃi                | 'chair'         |
| 822. | panu                | panu                 | 'yam'           |
| 823. | yongmüza            | joŋməzʌ              | 'rat'           |
| 824. | loh                 | ləʔ                  | 'basket'        |
| 825. | rome                | .ɾomi                | 'face'          |
| 826. | yingchü             | jiŋʃhə               | 'mole'          |
| 827. | palong              | pʌluŋ                | 'jackfruits'    |
| 828. | lang                | laŋ                  | 'road'          |
| 829. | shü                 | ʃə                   | 'shawl'         |
| 830. | shükashu            | ʃəkʌʃu               | 'pork'          |

|      |           |         |              |
|------|-----------|---------|--------------|
| 831. | kiyongsih | kijʉŋsi | ‘gooseberry’ |
| 832. | singsih   | siŋsi   | ‘fruits’     |

### PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 833. | i                   | i                    | ‘1’             |
| 834. | isa                 | isa                  | ‘we’            |
| 835. | isayo               | isayo                | ‘our’           |
| 836. | api                 | api                  | ‘he/she’        |
| 837. | arü                 | aɾə                  | ‘they’          |
| 838. | nü                  | nə                   | ‘you’           |
| 839. | iyö                 | ijə                  | ‘my’            |
| 840. | nüyo                | nəjə                 | ‘your’          |
| 841. | api                 | api                  | ‘her/his’       |
| 842. | arü                 | aɾə                  | ‘their’         |

### DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 843. | hi                  | hi                   | ‘this’          |
| 844. | hatsü               | hatse                | ‘that’          |

### ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 845. | athsing             | atsiŋ                | ‘tall’          |
| 846. | amoh                | ʌmə                  | ‘red’           |
| 847. | amalah              | ʌmələʔ               | ‘rig’           |
| 848. | asih                | ʌsi                  | ‘sour’          |
| 849. | taseh               | taseʔ                | ‘strong’        |
| 850. | anyecho             | ʌŋiʃhə               | ‘ripe’          |

### ADVERB

|             | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-------------|---------------------|----------------------|-----------------|
| <b>851.</b> | zah zah             | zaʔzaʔ               | ‘fast’          |
| <b>852.</b> | azinü               | azinə                | ‘loudly’        |
| <b>853.</b> | khünyang            | kəŋŋ                 | ‘happy’         |
| <b>854.</b> | lede                | lede                 | ‘everyday’      |

**VERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 855. | würe                | wə.ɾe                | ‘go’            |
| 856. | wüyale              | wəjɿle               | ‘going’         |
| 857. | wücho-a             | wə-ʃhœ               | ‘went’          |
| 858. | khire               | kʰi.ɾe               | ‘read’          |
| 859. | khiyale             | kʰi-jale             | ‘reading’       |
| 860. | lahre               | lɿɾe                 | ‘beat’          |
| 861. | lahyale             | lɿɾ-jale             | ‘beating’       |
| 862. | kyopheko            | kʰoɸeʔ-kʰə           | ‘cut-down’      |
| 863. | tsung               | tsuŋ                 | ‘eat’           |
| 864. | tsuko               | tsu-ko               | ‘ate’           |
| 865. | rachi               | ɾaʃi                 | ‘walk’          |
| 866. | trahko              | tɾa-kʰə              | ‘cried’         |
| 867. | shang               | ʃɿŋ                  | ‘run’           |

**INTERROGATIVE**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 868. | tu                  | tu                   | ‘what’          |
| 869. | khüde               | khøte                | ‘where’         |
| 870. | tupa                | tupa                 | ‘why’           |
| 871. | khepa               | kʰəpa                | ‘which’         |
| 872. | sao                 | sə                   | ‘who’           |
| 873. | khote               | kʰøte                | ‘when’          |

**SUMI****NOUN**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 874. | alu                 | alu                  | ‘field’         |
| 875. | kuchouyesü          | kufʃoujesə           | ‘bible’         |
| 876. | asübo               | asəbə                | ‘tree’          |
| 877. | aki                 | aki                  | ‘house’         |
| 878. | atsü                | atsə                 | ‘dog’           |
| 879. | appu                | apu                  | ‘boy’           |
| 880. | apuh-aza            | apu-aza              | ‘parents’       |
| 881. | ahengu              | aheŋu                | ‘pumpkin’       |
| 882. | ashoghi             | aʃəɣəi               | ‘basket’        |
| 883. | müsüthi             | məsəthi              | ‘orange’        |
| 884. | alakhü              | alakʰə               | ‘stool’         |
| 885. | achuchu             | aʃuʃu                | ‘yam’           |
| 886. | aji                 | aʒi                  | ‘rat’           |
| 887. | chichipu            | ʃiʃipu               | ‘mole’          |
| 888. | agi                 | agi                  | ‘face’          |
| 889. | khaghathi-akijeu    | kʰaɣathi-akidʒeu     | ‘jackfruit’     |

|      |          |          |              |
|------|----------|----------|--------------|
| 890. | hekuuphi | heku:phi | ‘shawl’      |
| 891. | awoshi   | awofɪ    | ‘pork’       |
| 892. | kholethi | kholethi | ‘gooseberry’ |
| 893. | anga     | aŋa      | ‘baby’       |
| 894. | axathi   | axathi   | ‘fruit’      |
| 895. | ana      | ana      | ‘food’       |

## VERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 857. | wu                  | u                    | ‘go’            |
| 858. | qa                  | qa                   | ‘cry’           |
| 859. | phi                 | phi                  | ‘read’          |
| 860. | he                  | he                   | ‘beat’          |
| 861. | thaqhi              | thaχi                | ‘cut-down’      |
| 862. | ithulu              | ithulu               | ‘saw’           |
| 863. | allo                | alo                  | ‘like/like’     |
| 864. | chu                 | ʃu                   | ‘eat’           |
| 865. | alache              | alaʃe                | ‘walk’          |
| 866. | po                  | pɔ                   | ‘run’           |
| 867. | nishi               | nɪʃi                 | ‘want’          |
| 868. | ithi                | ithi                 | ‘know’          |
| 869. | ighi                | eyei                 | ‘come’          |
| 870. | miki                | miki                 | ‘lie’           |
| 871. | lipi                | lipi                 | ‘doubt’         |
| 872. | alephe              | alephe               | ‘sing’          |

## ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 873. | itehi               | itehi                | ‘now’           |
| 874. | züzüshi             | zəzəʃi               | ‘fast’          |
| 875. | ta                  | ta                   | ‘too’           |
| 876. | papai               | papai:               | ‘quickly’       |
| 877. | ighono              | eyono                | ‘loudly’        |
| 878. | alokivishi          | alokivɪʃi            | ‘happily’       |
| 879. | tsalakipetsü        | tsalakipetsə         | ‘every day’     |
| 880. | thoghiu             | thəyeu               | ‘tomorrow’      |
| 881. | ighina              | eyena                | ‘yesterday’     |
| 882. | ishi                | ɪʃi                  | ‘today’         |

## ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 883. | chuqumghai          | ʃuqumɣai             | ‘tall’          |
| 884. | akumto              | akumto               | ‘strong’        |
| 885. | nive                | nive                 | ‘ripe’          |
| 886. | huchuyi             | huʃui                | ‘red’           |
| 887. | kije                | kidʒe                | ‘big’           |



|      |           |           |          |
|------|-----------|-----------|----------|
| 888. | pikivekeu | pikivekeu | ‘smoked’ |
| 889. | qhimpoi   | Χimpoi:   | ‘sour’   |
| 890. | agha-ide  | ayai:de   | ‘angry’  |
| 891. | ithipütsa | ithipətsa | ‘sure’   |

## PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 892. | i/ni                | i /ni                | ‘I’             |
| 893. | no                  | nɔ                   | ‘you’           |
| 894. | ningu               | niŋu                 | ‘we/our’        |
| 895. | li                  | li                   | ‘she’           |
| 896. | pa                  | pa                   | ‘he’            |
| 897. | panongu             | panɔŋu               | ‘they’          |
| 898. | iu                  | iu/I                 | ‘my’            |
| 899. | ou                  | ɔu                   | ‘your’          |
| 900. | li                  | li                   | ‘her’           |
| 901. | pa                  | pa                   | ‘his’           |
| 902. | panongu             | panɔŋuu              | ‘their’         |

## POSTPOSITION

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 903. | lo                  | lɔ                   | ‘on’            |
| 904. | qholo               | Χolo                 | ‘under’         |
| 905. | alou                | alou                 | ‘inside’        |
| 906. | shou                | ʃou                  | ‘on-top’        |

## DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 901. | hupaqo              | hupaqɔ               | ‘those’         |
| 902. | hipaqo              | hipaqɔ               | ‘these’         |
| 903. | hupa                | hupa                 | ‘that’          |
| 904. | hipa                | hipa                 | ‘this’          |

## INTEROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 903. | kiu                 | kiu                  | ‘what’          |
| 904. | khila               | khila                | ‘where’         |
| 905. | kiushiye            | kiuʃije              | ‘why’           |
| 906. | kipau               | kʰipau               | ‘which’         |

## YIMCHUNGER

### NOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 907. | thülu               | thulu                | 'field'         |
| 908. | amüsühum            | aməsəʔhəm            | 'bible'         |
| 909. | sangdong            | saŋduŋ               | 'tree'          |
| 910. | theyam              | tʰəjʌm               | 'house'         |
| 911. | yihnu               | jiʔnu                | 'dog'           |
| 912. | chimerü             | ʃimurə               | 'pumpkin'       |
| 913. | pinkie              | piŋkiu               | 'stool'         |
| 914. | pinu                | pinu                 | 'yam'           |
| 915. | phinu               | phiʔnu               | 'rat'           |
| 916. | muluk               | ccmuluk              | 'basket'        |
| 917. | jak                 | ʃak                  | 'face'          |
| 918. | mihkhit             | miʔkhiʔ              | 'mole'          |
| 919. | mihtsapaso          | miʔtsapasə           | 'jackfruits'    |
| 920. | khiem               | khi:m                | 'shawl'         |
| 921. | shih                | ʃiʔ                  | 'meat'          |
| 922. | tsüniungaso         | tsəʔŋiunasə          | 'gooseberry'    |
| 923. | sangaso             | saŋisə               | 'fruits'        |

### PRONOUN

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 924. | i                   | i                    | 'I'             |
| 925. | isa                 | isa                  | 'our'           |
| 926. | api                 | abi                  | 'he/she'        |
| 927. | nü                  | nə                   | 'you'           |
| 928. | arü                 | arə                  | 'they'          |
| 929. | isa                 | isa                  | 'we'            |
| 930. | iyo                 | i:jo                 | 'my'            |
| 931. | nüyo                | nə:jo                | 'your'          |
| 932. | api                 | abi                  | 'her/his'       |
| 933. | arüyo               | arejo                | 'their'         |

### DEMONSTRATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 934. | haju                | haʃhə                | 'this'          |
| 935. | hoju                | hoʃhə                | 'that'          |
| 936. | harü                | harə                 | 'these'         |
| 937. | arü                 | arə                  | 'they'          |

## ADJECTIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 938. | ashangkü            | aʃaŋkhə              | ‘tall           |
| 939. | amürüm              | amə.ɾəm              | ‘red’           |
| 940. | ato                 | atə                  | ‘big’           |
| 941. | asan                | asan                 | ‘sour’          |
| 942. | sümüla              | səməla               | ‘strong’        |
| 943. | müna                | məna                 | ‘ripe’          |

## ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 944. | nah nah             | nɒnɒɒh               | ‘quickly’       |
| 945. | achangnü            | aʃhaŋnə              | ‘loudly’        |
| 946. | asüh                | asiʔ                 | ‘happy’         |
| 947. | nimongapan          | ɲimɒŋ.ɒpɒn           | ‘everyday’      |

## VERB

|      | <u>Orthographic</u> | <u>Transcription</u>  | <u>Glossing</u> |
|------|---------------------|-----------------------|-----------------|
| 948. | yücho               | wɜ:ʃhəʔ               | ‘go’            |
| 949. | yükheah             | wɜ:khiɒk              | ‘went’          |
| 950. | khechoh             | k <sup>h</sup> e-ʃhəʔ | ‘reads’         |
| 951. | lakchoh             | lak-ʃhəʔ              | ‘beats’         |
| 952. | kuishato            | kiuʃaktə              | ‘cut-down’      |
| 953. | tsüng               | tsəŋ                  | ‘eat’           |
| 954. | tripkheah           | trip-khiɒk            | ‘cried’         |
| 955. | aliang              | aliʔaŋ                | ‘run’           |

## INTERROGATIVE

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 956. | tümü                | təmə                 | ‘what/why’      |
| 957. | küching             | kiʃhiŋ               | ‘where’         |
| 958. | kuchu               | kuʃu                 | ‘which’         |
| 959. | she                 | ʃe                   | ‘who’           |
| 960. | kümki               | kə:mki               | ‘when’          |

**ZEME****NOUN**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 961. | helu                | helu                 | ‘field’         |
| 962. | kesangsam           | kesʌŋsʌm             | ‘bible’         |
| 963. | chingbang           | tsiŋbʌŋ              | ‘tree’          |
| 957. | ki                  | ki                   | ‘house’         |
| 958. | toi                 | tɔi                  | ‘dog’           |
| 959. | mipeuna             | mipeuna              | ‘boy’           |
| 960. | pui                 | pui                  | ‘mother’        |
| 961. | pei                 | pei                  | ‘father’        |
| 962. | hema                | hema:                | ‘pumpkin’       |
| 963. | marak               | mʌʌk                 | ‘basket’        |
| 964. | keheachi            | keheitsi             | ‘orange’        |
| 965. | heboi               | hebɔi                | ‘yam’           |
| 966. | mabam               | mʌbʌm                | ‘stool/seat’    |
| 967. | hezah               | hezʌ                 | ‘rat’           |
| 968. | nzu                 | nzu                  | ‘your face’     |
| 969. | nkem                | nkem                 | ‘mole’          |
| 970. | kutalchi            | kutʌʃi               | ‘jackfruit’     |
| 971. | pai                 | pʌi                  | ‘shawl’         |
| 972. | heteu               | heteu                | ‘meat’          |
| 973. | zaukamchi           | zʌukʌmʃi             | ‘gooseberry’    |
| 974. | ngina               | ŋinʌ                 | ‘baby’          |
| 975. | chi                 | tsi                  | ‘fruit’         |
| 976. | tak                 | tʌk                  | ‘rice’          |
| 977. | leu                 | leu                  | ‘song’          |

**VERB**

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 978. | meimei              | meime                | ‘go’            |
| 979. | hap                 | hʌp                  | ‘cry’           |
| 980. | pei                 | pei                  | ‘read’          |
| 981. | teu                 | teu                  | ‘beat’          |
| 982. | bi                  | bi                   | ‘cut’           |
| 983. | ngau                | ŋau                  | ‘see’           |
| 984. | pesui               | pesui                | ‘like’          |
| 985. | teu                 | teu                  | ‘eat’           |
| 986. | teh                 | te                   | ‘walk’          |
| 987. | pak                 | pʌk                  | ‘run’           |
| 988. | lung                | luŋ                  | ‘live’          |

|      |     |     |        |
|------|-----|-----|--------|
| 989. | chi | tsi | ‘know’ |
| 990. | teu | teu | ‘sing’ |

### ADVERB

|      | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|------|---------------------|----------------------|-----------------|
| 991. | ramsangnetingnai    | rʌmsaŋnɛtɪŋnai       | ‘every day’     |
| 992. | chu                 | tsu                  | ‘now’           |
| 993. | nchune              | ntsune               | ‘tomorrow’      |
| 994. | nzehne              | nzene                | ‘yesterday’     |
| 995. | henai               | henai                | ‘today’         |
| 996. | nkau                | nkʌu                 | ‘down’          |

### ADJECTIVE

|       | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-------|---------------------|----------------------|-----------------|
| 997.  | kehhodeh            | kehode               | ‘tall’          |
| 998.  | nkeing              | nkeŋ                 | ‘strong’        |
| 999.  | poiroi              | pɔiɾɔi               | ‘top/above’     |
| 1000. | kang                | kʌŋ                  | ‘under’         |
| 1001. | lung                | luŋ                  | ‘inside’        |
| 1002. | moi                 | mɔi                  | ‘ripe’          |
| 1003. | kedi                | kɛdi                 | ‘big’           |
| 1004. | keki                | keki                 | ‘dry’           |
| 1005. | kehia               | kehɪə                | ‘sour’          |
| 1006. | nzet                | nzet                 | ‘fast/quick’    |
| 1007. | nneu                | nneu                 | ‘loud’          |
| 1008. | pesuiyihe           | pɛsui:ie             | ‘happily’       |
| 1009. | nrah                | nɾʌ                  | ‘angry’         |
| 1010. | kegie               | kege                 | ‘red’           |

### PRONOUN

|       | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-------|---------------------|----------------------|-----------------|
| 1011. | I                   | i                    | ‘i’             |
| 1012. | nzu                 | nzu                  | ‘your’          |
| 1013. | anui                | anui                 | ‘our’           |
| 1014. | pa                  | pʌ                   | ‘s/he’          |
| 1015. | pe                  | pe                   | ‘his/her’       |
| 1016. | nang                | nʌŋ                  | ‘you’           |
| 1017. | penui               | penui                | ‘they’          |
| 1018. | anui                | anui                 | ‘we’            |
| 1019. | a                   | a                    | ‘my’            |
| 1020. | apaupui             | ʌpaupui              | ‘her’           |

|       |        |        |         |
|-------|--------|--------|---------|
| 1021. | apaupe | ʌpaupe | ‘his’   |
| 1022. | penui  | penui  | ‘their’ |

### DEMONSTRATIVE

|       | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-------|---------------------|----------------------|-----------------|
| 1016. | ncipau              | ntsɪpʌu              | ‘those’         |
| 1017. | aipau               | ʌɪpʌu                | ‘these’         |
| 1018. | dai                 | dʌɪ                  | ‘this’          |

### INTERROGATIVE

|       | <u>Orthographic</u> | <u>Transcription</u> | <u>Glossing</u> |
|-------|---------------------|----------------------|-----------------|
| 1019. | aide                | aide                 | ‘what’          |
| 1020. | dai                 | dʌɪ                  | ‘where’         |

### APPENDIX 3: SENTENCE DATA

Tense and Aspect

Chang:

1. Hao chalou-angbou sektou kouda  
hɿu ʃalɿu-ɑŋbɿu sektɿu kɿu-tɿ  
he every day field go-HAB  
'He goes to the field every day.'
2. Sao tou sektou kouda  
sɿu tɿu sektɿu kɿu-tɿ  
she now field go-PRS  
'She is going to the field now.'
3. Sao nyet sektou koulabü  
sɿu ɲʲet sektɿu kɿu-labi  
she tomorrow field go-FUT  
'She will go to the field tomorrow.'
4. Hao mat sektou koukei  
hɿu mət sektɿu kɿu-kai  
he yesterday field go-PST  
'He went to the field yesterday.'
5. Hao sektou kou-a  
hɿu sektɿu kɿu-a  
he field go-PERF  
'He has gone to the field.'
6. Sao chalo-angbou hapda  
sɿu ʃalɿu-ɑŋbɿu hɿp-tɿ  
she every-day cry-HAB  
'She cries everyday.'
7. hao tou hapda  
hɿu tɿu hɿp-tɿ  
he now cry-PRS  
'He is crying now.'
8. Sao nyet haplabü  
sɿu ɲʲet hɿp-labi  
she tomorrow cry-FUT  
'She will cry tomorrow.'

9. Sao mat hapbei  
 sɿu mət hɿp-pai  
 she yesterday cry-PST  
 ‘She cried yesterday.’
10. Hao tad hapba  
 hɿu dɿ:t ha:pɿ  
 he today cry  
 ‘He has cried today.’
11. Sao ei laisheba chalou-angbou weda  
 sɿu -ai lɿʃepɿ ʃɿalɿu-ɿɿbɿu ve-da  
 she -ERG bible every day read-HAB  
 ‘She reads the bible everyday.’
12. Sao ei tou laisheba weda  
 sɿu -ai tɿu lɿʃepɿ ve-da  
 she -ERG now bible read-PRS  
 ‘She is reading the bible now.’
13. Hao ei nyet laisheba welabü  
 hɿu -ai ɿʏet lɿʃepɿ vela-bi  
 he -ERG tomorrow bible read-FUT  
 ‘He will read the bible tomorrow.’
14. Hao ei mat laisheba wekei  
 hɿu -ai mət lɿʃepɿ ve-kai  
 he -ERG yesterday bible read-PST  
 ‘He read the bible yesterday.’
15. Hao -i tad laifeba we-a  
 hɿu -ai dɿ:t lɿʃepɿ ve-a  
 he -ERG today bible read-PERF  
 ‘He has read the bible today.’
16. Nasen -ei yemlong to chalo-angbou ngumda  
 nasen -ai jemplɔŋ -tɿu ʃɿalɿu-ɿɿbɿu ɿəm-tɿ  
 nasen -ERG yemlong -LOC every day bea-HAB  
 ‘Nasen beats Yemlong everyday.’

Chokri:

17. Pü tüsonha thüra tsü-yo  
 pü tʊsɔnhə thʊrɿ ʃʏ- jɔ  
 s/he everyday field go- HAB  
 ‘s/he goes to the field everyday.’



18. Pü tsühi thüra tsü- zü  
 pù tsóhì thàíá ʃʷə - zə'  
 s/he now field go- PROG  
 's/he is going to the field now.'
19. Pü südo thüra tsü-tova  
 pù sədɔ́ thàíá ʃʷə - tǝvá  
 s/he tomorrow field go- FUT  
 's/he will go to the field tomorrow.'
20. Pü ndo thüra tsü  
 pù ndɔ́ thàíá ʃʷə  
 s/he yesterday field go-PST  
 's/he went to the field yesterday.'
21. Pü thüra tsü-te  
 pù thàíá ʃʷə - té  
 s/he field go- PERF  
 'S/he has gone to the field.'
22. Pü tüsonha kra yo  
 pù tǝsɔ́nhà kɪä jɔ́  
 s/he everyday cry HAB  
 'S/he cries everyday.'
23. Pü tsühi kra va  
 pù tsóhí kɪä vá  
 S/he now cry PROG  
 'S/he is crying now'.
24. Pü südo kra to  
 pù sədɔ́ kɪä tǝ  
 s/he tomorrow cry FUT  
 'S/he will cry tomorrow.'
25. Pü ndo kra  
 pù ndɔ́ kɪä  
 s/he yesterday cried  
 'S/he cried yesterday.'

26. Pü tha kra ho  
 pù thá kɾä hɔ  
 s/he today cry PERF  
 ‘S/he has cried today.’
27. Pü tūsonha kũtholüsi phi-yo  
 pù t̄sɔnhà k̄əthələ́ʃi phi- yɔ̄  
 s/he everyday bible read HAB  
 ‘S/he reads the Bible everyday.’
28. Pü tsühi kũtholüsi phi-va  
 pù ts̄hì k̄əthələ́ʃi phi- vá  
 s/he now bible read PROG  
 ‘S/he is reading the Bible now.’
29. Pü südo kũtholüsi phi-tova  
 pù s̄ədɔ̄ k̄əthələ́ʃi phi- t̄ɔvá  
 s/he tomorrow Bible read FUT  
 ‘S/he will read the Bible tomorrow.’
30. Pü ndo kũtholüsi phi  
 pù ndɔ̄ k̄əthələ́ʃi phi  
 s/he yesterday bible read  
 ‘S/he read the Bible yesterday.’
31. Pü tha kũtholüsi phri  
 pù thǎ k̄əthələ́ʃi phi  
 s/he today bible read  
 ‘S/he has read the Bible today.’
32. Mary- e-no tūsonha John vü süyo  
 meri- è-nɔ̄ t̄sɔnhà ɖʒɔn v̄ɔ̄ s̄tyɔ̄  
 mary- NOM everyday john beat HAB  
 ‘Mary beats John everyday.’
33. Mary- e-no tsühi John vü-va  
 meri- è-nɔ̄ ts̄hì ɖʒɔn v̄ɔ̄- và  
 mary- NOM now john beat PROG  
 ‘Mary is beating John now.’
34. Mary-e-no südo John vü-tova  
 meri- è-nɔ̄ s̄ədɔ̄ ɖʒɔn v̄ɔ̄- t̄ɔvà  
 mary- NOM tomorrow john beat FUT  
 ‘Mary will beat John tomorrow.’

35. Mary-e-no ndo John vü ve  
 meri- è-nòndò dʒɔn vǝ vǝ  
 mary- NOM yesterday john beat PST  
 ‘Mary beat John yesterday.’

36. Mary- eno tha John vü ve  
 meri- è-nə thǎ dʒɔn vǝ vǝ  
 mary- NOM today john beat PST  
 ‘Mary has beaten John today.’

Khezha:

37. Pu-nü tsütshonyi alo-o mha yea  
 pü- nā tsə̄tshə̄jǐ ɛ̄lǝ: mhǎ jiǎ  
 s/he- NOM everyday field go HAB  
 ‘S/he goes to the field everyday.’

38. Pu-nü atsa alo-o mha dea  
 pü- nā ātsā ɛ̄lǝ: mhǎ dǎ  
 s/he- NOM now field go PROG  
 ‘S/he is going to the field now.’

39. Pu-nü theja alo-o mha de  
 pü- nā thēdʒǎ ɛ̄lǝ: mhǎ dē  
 s/he- NOM tomorrow field go FUT  
 ‘S/he will go to the field tomorrow.’

40. Pu- nü aja alo-o mha  
 pü- nā ɛ̄dʒǎ ɛ̄lǝ: mhǎ  
 s/he- NOM yesterday field go- PST  
 ‘S/he went to the field yesterday.’

41. Pu-nü alo-o mha da  
 pü- nā ɛ̄lǝ: mhǎ dǎ  
 s/he- NOM field go PST  
 ‘S/he has gone to the field.’

42. Pu-nü tsütshonyi kre yia  
 pü- nā tsə̄tshə̄jǐ krē jiǎ  
 s/he- NOM everyday cry HAB  
 ‘S/he cries everyday.’

43. Pu-nü atsa kre-dia  
 pü- nō atsa krē: dīa  
 s/he- NOM now cry PROG  
 ‘S/he is crying now.’
44. Pu-nü theja kre de  
 pü- nō thēdžà krē dē  
 s/he- NOM tomorrow cry FUT  
 ‘She will cry tomorrow.’
45. Pu-nü aja krea  
 pü- nō èdžà krē: à -(optional)  
 s/he NOM yesterday cry PST  
 ‘S/he cried yesterday.’
46. Pu-nü kathinyi kre da  
 pü- nō kēthíjñi krē da  
 s/he- NOM today cry PST  
 ‘S/he has cried today.’
47. Pu-nü tsütshonyi kesoleshi phrü yia  
 pü- nō tsətsəjñi kēsələsī phrə jia  
 s/he- NOM everyday Bible read HAB  
 ‘S/he reads the Bible everyday.’
48. Pu-nü atsa kesoleshi phrü- a  
 pü- nō atsa kēsələsī phrə- à  
 s/he- NOM now bible read PROG  
 ‘S/he is reading the Bible now.’
49. Pu-nü theja kesoleshi phrü de  
 pü- nō thēdžà kēsələsī phrə dē  
 s/he- NOM tomorrow Bible read FUT  
 ‘S/he will read the Bible tomorrow.’
50. Pu-nü aja kesoleshi phrü-a  
 pü- nō èdžà kēsələsī phrə- à  
 s/he- NOM yesterday Bible read PST  
 ‘S/he read the Bible yesterday.’
51. Pu-nü kathinyi kesoleshi phrü da  
 pü- nō kēthíjñi kēsələsī phrə dā  
 s/he- NOM today Bible read PST  
 ‘S/he has read the Bible today.’

52. Mary nü tsütshonyi John de-e yia  
 meri nō tsə̀tsə̀nì dʒən dē: yia  
 mary NOM everyday john beat HAB  
 ‘Mary beats john everyday.’
53. Mary nü atsa John dea  
 meri nō atsa dʒən dē: à  
 mary NOM now john beat PROG  
 ‘Mary is beating John now.’
54. Mary nü theja John dede  
 meri nō thēdʒà dʒən de dē  
 mary NOM tomorrow john beat FUT  
 ‘Mary will beat John tomorrow.’
55. Mary nü aja John dea  
 meri nō èdʒa dʒən de- à  
 mary NOM yesterday john beat PST  
 ‘Mary beat John yesterday.’
56. Mary nü kathinyi John deda  
 meri nō kēthìjì dʒən de dā  
 mary NOM today john beat PST  
 ‘Mary has beaten John today.’

Khiamniungan:

57. Apa iu ai asaiji ta kei-ji  
 ʌpa iu ai ʌsaijì tə keî-tʃì  
 he/she field LOC everyday go-PRS  
 ‘He goes to the field everyday.’
58. Apa iu ai kei-ji  
 ʌpa iu ai keî-tʃì  
 he/she field LOC go-PROG  
 ‘She is going to field.’
59. Apa iu ai loum kei-e  
 ʌpa iu ai lu:m keî -e  
 he/she field LOC tomorrow go-FUT  
 ‘He/she will go to field tomorrow.’

60. apa mange iu ai keing  
 ʌpa məni iu ai kie-iŋ  
 he/she yesterday field LOC go-PST  
 ‘He/she went to field yesterday.’
61. Apa iu ai kei-iu  
 ʌpa iu ai ke-iu  
 he/she field LOC go- PRF  
 ‘He/she has gone to the field.’
62. Apa asaiji ta shapji  
 ʌpa ʌsaiʃi tə ʃʌp-ʃi  
 he/she everyday cry-HAB  
 ‘He/she cries everyday.’
63. Apa lou shapji  
 ʌpa lou ʃʌp-ʃi  
 he/she now cry- PROG  
 ‘He/she is crying now.’
64. Apa loum shape  
 ʌpa lum ʃʌp-e  
 he/she now cry-FUT  
 ‘He/she will cry tomorrow.’
65. Apa münyi sham  
 ʌpa məni ʃʌ:-m  
 he/she yesterday cry-PST  
 ‘He/she cried yesterday.’
66. Apa louni shap-iu  
 ʌpa loʃi ʃʌp-iu  
 he/she now cry- PRF  
 ‘He/she has cried today.’
67. Apa üh bible asaiji ta veji  
 ʌpa ə? bible ʌsaiʃi tə wê-ʃi  
 he/she ERG bible everyday read-HAB  
 ‘He/she reads the bible everyday.’

68. Apa ühbible nou lou veji  
 ʌpa əʔ bible nɔ lu we-ʃi  
 he/she ERG bible DET now read- PROG  
 ‘He/she is reading the bible now.’
69. Apa ühbible nou loun ve-e  
 ʌpa əʔ bible nɔ lum we-e  
 he/she ERG bible DET tomorrow read-FUT  
 ‘He/she will read the bible tomorrow.’
70. Apa ühbible nou münyi ven  
 ʌpa əʔ bible nɔ məni we:n  
 he/she ERG bible DET yesterday read-PST  
 ‘He/she read the bible yesterday.’
71. Apa ühbible nou lounyi ve-iu  
 ʌpa əʔ bible nɔ loɲi we-iu  
 he/she ERG bible DET today read-PRS.PRF  
 ‘He/she has read the bible today.’

Konyak:

72. Yha-a ngihjeih kah te tanang  
 ja -a ɲiʔʃaiʔ kʌʔ te ta-nʌŋ  
 she-DEM day day field LOC go-PRS  
 ‘She goes to the field everday.’
73. I-a saha kah te ta-nang  
 i-a saʔa kaʔ te ta -nʌŋ  
 he-DEM now field LOC go-PRS  
 ‘He is going to the field now.’
74. Yha-a ngaingih kahte talak  
 ja- a ɲainjiʔ kaʔ- te ta-lʌk  
 she-DEM tomorrow field LOC go-FUT  
 ‘She will go to the field tomorrow.’
75. I-a müngih kah te wen- yangke  
 i-a məɲi kaʔ te win -jʌŋki  
 he-DEM yesterday field LOC went-PST  
 ‘He went to the field yesterday.’
76. Yha-a kah te ta-tepu  
 ja -a kaʔ te ta-təpu  
 she-DEM field LOC go-PERF  
 ‘She has gone to the field.’

77. I-a ngihjeih shap-nang  
i-a                    njiʔʔʔaiʔ                    sʌp-nʌŋ  
he –DEM            everyday                    cry-PRS  
‘He cried everyday.’
78. Yha-a saah shapnang  
ja -a                    saʔa                    sʌp-nʌŋ  
she-DEM            now                    cry-PRS  
‘She is crying now.’
79. I-a ngaingih shap-külak  
i -a                    ŋainjiʔ                    sʌp -(kə)lʌk  
he -DEM            tomorrow                    cry -FUT  
‘He will cry tomorrow.’
80. yah-a müngih shapyangke  
ja -a                    mənjiʔ                    sʌp-jʌŋki  
she-DEM            yesterday                    cry-PST.  
‘She cried yesterday.’
81. I-a tengih shapyangke  
i -a                    tənji                    sʌp-jʌŋki  
he-DEM            today                    cry-PST  
‘He has cried yesterday.’
82. I-a üjao -laishipa ngihjeih i-nang  
i                    -e                    ʌʔʔaʔ-laiʔʔipa                    njiʔʔʔaiʔ                    i-nʌŋ  
he-            ERG            holy-bible                    everyday                    read-PRS  
‘He reads the bible every day.’
83. Yha-a saah üjao-laishipa i-nang  
ja -e                    saʔa                    ʌʔʔaʔ-laiʔʔipa                    i -nʌŋ  
she-ERG            now                    holy-bible                    read-PRS  
‘She is reading the Bible now.’
84. I-a ngaingih büjao- laishipa i-külak  
i -e                    ŋainjiʔ                    ʌʔʔaʔ- laiʔʔipa                    i- (kə)lʌk  
he-ERG            tomorrow                    holy-bible                    read-    FUT  
‘He will read the Bible tomorrow.’



85. Yha-a müngih üjao laishipa iyangke  
 ja -e mənji? ʌʃəʌ laɪʃipa i-jaŋki  
 she-ERG yesterday holy-bible read-PST  
 ‘She read the Bible yesterday.’

86. I-a tengih üjao -laishipa i-yankge  
 i-e tənji? ʌʃəʌ-laɪʃipa i-jaŋki  
 he-ERG today bible- read-PST  
 ‘He has read the Bible today.’

Liangmai:

87. Paliu nai kanchang chalu meng meng boi  
 Peliu nai kəntsʌŋ tsəlu meŋ meŋ bəi  
 s/he day every field go HAB SFM  
 ‘S/He goes to the field every day.’

88. Pa tohoi chalu mengkin boi  
 pʌ təhəi tsəlu meŋ - kin bəi  
 s/he now field go – PROG SFM  
 ‘She is going to the field now.’

89. Pa nsunai chalu meng ru boi  
 pʌ nsunai tsəlu meŋ ɹu bəi  
 s/he tomorrow field go FUT SFM  
 ‘S/he will go to the field tomorrow.’

90. Pa ndanai chalu menglu boi  
 pʌ nda:na tsəlu meŋ - lu bəi  
 s/he yesterday field go- PST SFM  
 ‘S/he went to the field yesterday.’

91. Pa chalu meng boi  
 pʌ tsəlu meŋ bəi  
 s/he field go SFM  
 ‘S/he has gone to the field.’

92. Pa nai kanchang kab kab boi  
 pʌ nai kəntsʌŋ kʌb - kʌb bəi  
 s/he day every cry - HAB SFM  
 ‘S/he cries every day.’

93. Pa tohoi kab bam boi  
 pʌ təhəi kʌb bʌm bəi  
 s/he now cry PROG SFM  
 ‘S/he is crying now.’

94. Pa nsunai kab ru boi  
 pʌ nsunai kʌb ɹu bɔi  
 s/he tomorrow cry FUT SFM  
 ‘S/he will cry tomorrow.’
95. Pa ndanai kab boi  
 pʌ ndanai kʌb bɔi  
 s/he yesterday cry SFM  
 ‘S/he cried yesterday.’
96. Pa nthainai kab boi  
 pʌ ntʰainai kʌb bɔi  
 s/he today cry SFM  
 ‘S/he has cried today.’
97. Pa nai kanchang kansanbo ariakhung kin kin boi  
 pʌ nai kəntsʌŋ kənsʌnbo ʌriakhʷaŋ kin kin bɔi  
 s/he day every holy book read HAB SFM  
 ‘S/he reads the Bible every day.’
98. Pa tohoi kansanbo ariakhung kin bam boi  
 pʌ tɔhoi kənsʌnbo ʌriakhʷaŋ kin bʌm bɔi  
 s/he now holy book read PROG SFM  
 ‘S/he is reading the Bible now.’
99. Pa nsunai kansanbo ariakhung kin- ru boi  
 pʌ nsunai kənsʌnbo ʌriakhʷaŋ kin- ɹu bɔi  
 s/he tomorrow holy book read FUT SFM  
 ‘S/he will read the Bible tomorrow.’
100. Pa ndanai kansanbo ariakhung kin lu boi  
 pʌ ndanai kənsʌnbo ʌriakhʷaŋ kin lu bɔi  
 s/he yesterday holy book read PST SFM  
 ‘S/he read the Bible yesterday.’
101. Pa ntainai kansanbo ariakhung kin lu boi  
 pʌ ntainai kənsʌnbo ʌriakhʷaŋ kin lu bɔi  
 s/he today holy book read PST SFM  
 ‘S/he has read the Bible today.’

Lotha:

102. Ompo na engakvü oli woala  
 ɔmpɔ -na ɛŋakvə ɔli wua-la  
 he -NOM everyday field go- PRS  
 ‘He goes to the field every day.’

103. Ompvüo enunga oli yia vana  
 ɔmpf(o) enəŋa ɔli jia-vʌŋʌ  
 she now field go- PROG  
 ‘She is going to the field now.’
104. Ompo na oiyua jo oli wov  
 ɔmpɔ-na ɔɸua ɸɔ ɔli wo-v  
 he-NOM tomorrow DET field go-FUT  
 ‘He will go to the field tomorrow.’
105. Ompvüo njü jo oli wocho  
 ɔmpf(o) nɸə ɸɔ ɔli wo-ɸʰɔ  
 she yesterday DET field go-PST  
 ‘She went to the field yesterday.’
106. Ompo oli yi taka  
 ɔmpɔ ɔli ji-tʌkʌ  
 he field go-PERF  
 ‘He has gone to the field.’
107. Ompo na engakvü kyala  
 ɔmpɔ-na ɛŋakvə kjʌ-la  
 he-NOM everyday cry-PRS  
 ‘He cries every day.’
108. Ompo -na enunga jo kya la  
 ɔmpɔ -na enəŋa ɸɔ kjʌ-vʌŋʌ  
 he NOM now DEM cry-PROG  
 ‘He is crying now.’
109. Ompo na oiyua jo kyav  
 ɔmpɔ-na ɔɸua ɸɔ kjʌ-v  
 he-NOM tomorrow DET cry-FUT  
 ‘He will cry tomorrow.’
110. Ompo nchungo kya taka  
 ɔmpɔ nɸəŋɔ kjʌ-tʌkʌ  
 he today cry-PERF  
 ‘He has cried today.’
111. Ompo na engakvü nthomotsü khala  
 ɔmpɔ-na ɛŋakvə ntʰomɔtsə kʰʌ-la  
 he-NOM everyday bible read-PRS  
 ‘He reads the Bible every day.’

112. Abeni na engakvu Nzamo sala  
 apeni -na eŋakvə nzamə sa-la  
 abeni -NOM everyday nzamo beat-PRS  
 ‘Abeni beats Nzamo everyday.’
113. Abeni na enunga Nzamo sa vana  
 apeni -na enəŋa nzamə sa-vʌnʌ  
 abeni -NOM now nzamo beat-PROG  
 ‘Abeni is beating Nzamo now.’
114. Abeni na nchungo Nzamo sa taka  
 apeni-na nʃəŋə nzamə sa-tʌkʌ  
 abeni-NOM today nzamo beat-PERF  
 ‘Abeni has beaten Nzamo today.’

NTHENYI:

115. Ma atsathang ali wa - ten  
 mʌ ʌtsatʰʌŋ ʌli wʌ - tẽ  
 s/he everyday field go - HAB  
 ‘S/He goes to the field every day.’
116. Ma khili ali wa - ten  
 mʌ kʰili ʌli wʌ tẽ  
 s/he now field go - PROG  
 ‘She is going to the field now.’
117. Ma dhetsü-ü ali wa ten  
 mʌ tʰitsi - i ʌli wʌ - tẽ  
 s/he tomorrow field go - FUT  
 ‘S/he will go to the field tomorrow.’
118. Ma ghaani ali wa  
 mʌ ɣa:nʲi ʌli wʌ  
 s/he yesterday field go-PST  
 ‘S/he went to the field yesterday.’
119. Ma ali wa - dha  
 mʌ ʌli wʌ: - tʰa  
 s/he field go - PERF  
 ‘S/he has gone to the field.’

120. Ma atsathang qui - den  
 mΛ      ʌtsʌtʰʌŋ      qɿ̩̄ - tẽ̄  
 s/he      everyday      cry - HAB  
 ‘S/he cries every day.’
121. Ma khili quipen  
 mΛ      kʰili      qɿ̩̄ - pẽ̄  
 s/he      now      cry - PROG  
 ‘S/he is crying now.’
122. Ma dhetsü-ü wi quiden  
 mΛ      tʰitsi - i      wi      qɿ̩̄ - tẽ̄  
 s/he      tomorrow      AUX      cry - FUT  
 ‘S/he will cry tomorrow.’
123. Ma ghani qui  
 mΛ      ɥa:n̩i      qɿ̩̄  
 s/he      yesterday      cry-PST  
 ‘S/he cried yesterday.’
124. Ma naansüü qui  
 mΛ      nʌ̃s̩ĩ:      qɿ̩̄  
 s/he      today      cry-PST  
 ‘S/he has cried today.’
125. Ma atsathang kemetha jü se - ten  
 mΛ      ʌtsʌtʰʌ      kemitʰa      ʒi      si      - tẽ̄  
 s/he      everyday      bible      word      read - HAB  
 ‘S/he reads the Bible every day.’
126. Ma khili kemetha jü si - pen  
 mΛ      kʰili      kemitʰa      ʒi      si      - pẽ̄  
 s/he      now      bible      word      read - PROG  
 ‘S/he is reading the Bible now.’
127. Ma dhetsüü wi kemetha jü se ten  
 mΛ      tʰitsī̩      wi      kemitʰa      ʒi      si      - tẽ̄  
 s/he      tomorrow      DET      Bible      word      read - FUT  
 ‘S/he will read the Bible tomorrow.’
128. Ma ghani kemetha jü se  
 mΛ      ɥa:n̩i      kemtʰa      ʒi      si  
 s/he      yesterday      Bible      word      read  
 ‘S/he read the Bible yesterday.’

129. Ma naansüü kemetha jü se  
 mΛ nΛ~sĩː kemit<sup>h</sup>a ʒi si  
 s/he everyday bible word read  
 ‘S/he has read the Bible today.’
130. Mary na atsanhang John kehaiten  
 meri nΛ ʌtsat<sup>h</sup>ʌŋ dʒon kefi̯i - tẽ  
 mary NOM everyday John beat - HAB  
 ‘Mary beats John every day.’
131. Mary na khili John kehaipen  
 meri nΛ k<sup>h</sup>ili dʒon kefi̯i - pẽ  
 mary NOM now John beat - PROG  
 ‘Mary is beating John now.’
132. Mary na dhitsüü John kehai - ten  
 meri nΛ t<sup>h</sup>itsi̯ dʒon kefi̯i - tẽ  
 mary NOM tomorrow John beat - FUT  
 ‘Mary will beat John tomorrow.’
133. Mary na ghani John kehai  
 meri nΛ ɣaːni dʒon kefi̯i  
 mary NOM yesterday John beat  
 ‘Mary beat John yesterday.’
134. Mary na naansü John kehai - dha  
 meri nΛ nΛ~sĩː dʒon kefi̯i - thΛ  
 mary NOM today john beat - PST  
 ‘Mary has beaten John today.’

NZONKHWE:

135. Peche-güle khenyütsen low ki tsü hü  
 pəʃæ-gøle k<sup>h</sup>ənətsə̃ lɔ ki tsə hø  
 he NOM everyday field LOC go HAB  
 ‘S/He goes to the field every day.’
136. Tenugile ntsoka low kitsü  
 təñu-gile ntsəkΛ lɔ ki tsə  
 she - NOM now field LOC go  
 ‘She is going to the field now.’

137. Peche gü le senduki low ki tsüti  
 pəʃəe(ŋə) gə le səndəki lə ki tsə-ti  
 he (pl) DEM NOM tomorrow field LOC go FUT  
 ‘He will go to the field tomorrow.’
138. Peche – gü le low kitsü  
 pəʃəe - gə le ndə lə ki tsə  
 he DEM NOM yesterday field LOC go - PST  
 ‘He went to the field yesterday.’
139. Peche- gü le low ki tsülaso  
 pəʃəe - gə le lə ki tsə ləsō  
 he DEM NOM field LOC go PERF  
 ‘He has gone to the field.’
140. Peche- güle khenyütsen chü ho  
 pəʃəe - gə le kʰənətse ʃə hə  
 he DEM NOM everyday cry HAB  
 ‘He cries every day.’
141. Peche- gü le ntsoka chü bi (nyo.)  
 pəʃəe - gə le ntsokʌ ʃə bī (ŋo)  
 he DEM NOM now cry - PROG  
 ‘He is crying now.’
142. Peche – güle senduki chü ti  
 pəʃəe - gə le sənduki cə ti  
 he DEM NOM tomorrow cry FUT  
 ‘He will cry tomorrow.’
143. Peche- güle ndu chü  
 pəʃəe - gə le ndu cə  
 he DEM NOM yesterday cry  
 ‘He cried yesterday.’
144. Peche – güle nthu chü  
 pəʃəe - gə le ntʰə cə  
 he DEM NOM today cry  
 ‘He has cried today.’
145. Peche – güle khenyütsen Bible swü hyü  
 pəʃəe - gə le kʰənətse bʌibəl sə hə  
 he DEM NOM everyday bible read HAB  
 ‘He reads the Bible every day.’

146. Peche - güle ntsoka Bible swü bin  
 pəʃəe - gə le ntsokΛ bΛibəl sə bĩ  
 he DEM NOM now bible read PROG  
 ‘He is reading the Bible now.’
147. Peche - güle senduki Bible swü ti  
 pəʃəe - gə le sənduki bΛibəl sə tĩ  
 he DEM NOM tomorrow bible read FUT  
 ‘He will read the Bible tomorrow.’
148. Peche - güle ndu Bible swü  
 pəʃəe - gə le ndu bΛibəl sə  
 he DEM NOM yesterday bible read  
 ‘He read the Bible yesterday.’
149. Peche - güle nthu Bible swü laso.  
 pəʃəe - gə le ntʰə bΛibəl sə laso  
 he DEM NOM today bible read PERF  
 ‘He has read the Bible today.’
150. Mary le khenyütsen John vühyü  
 meri le kʰΛnatse dʒən və - hə  
 mary NOM everyday John beat - HAB  
 Mary beats John every day.’
151. Mary le ntsoka John vü - bin  
 meri le ntsokΛ dʒən və - bĩ  
 mary NOM now John beat - PROG  
 ‘Mary is beating John now.’
152. Mary le senduki John vü - ti  
 meri le sənduki dʒən və - tĩ  
 mary NOM tomorrow john beat - FUT  
 ‘Mary will beat John tomorrow.’
153. Mary le ndu John vü - (sa) - la  
 meri le ndu dʒən və - (sΛ) - lΛ  
 mary NOM yesterday john beat - very - PST  
 ‘Mary beat John yesterday.’
154. Mary le nthu John vü - (sa) - bin.  
 meri le ntʰə dʒən və - (sΛ) - bĩ  
 mary NOM today John beat - very - PST  
 ‘Mary has beaten John today.’



## Phom

155. Püpa nyihjeih kahlei sha-nyeih  
 pɪpa            njiʔʃei ʔ        kaʔli            ʃaʔ        -neʔ  
 he                everyday        field            go        -HAB  
 ‘He goes to the field everyday.’
156. Pünyüü shahang kahlei shatai-nyüke  
 pinji            ʃaʔaŋ            kaʔli    ʃatai        -niike  
 she                now                field    go        -PROG  
 ‘She is going to the field now.’
157. Püpa ngünyih kahlei sha-hen  
 pɪpa            ŋɪniʔ            kaʔli            ʃa-han  
 he                tomorrow        field            go-FUT  
 ‘He will go the field tomorrow.’
158. Pünyüü münyih kahlei sha-peih  
 pinji    miʔniʔ            kaʔli            ʃa        -peiʔ  
 she    yesterday        field            go        -PERF  
 ‘she went to the field yesterday.’
159. Püpa kahlei sha-tai  
 pɪpa    kaʔli            ʃaʔ        -tai  
 he    field            go        -PERF  
 ‘He has gone to the field.’
160. Püpa nyihjeih thep-nyeih  
 pɪpa    ŋiʔʃəi            tʰʌp        -neʔ  
 he    everyday        cry        -HAB  
 ‘He cries everyday.’
161. Püpa shahang thep-nyüke  
 pɪpa    ʃaʔaŋ            tʰʌp        -niike  
 he    tomorrow        cry        -PROG  
 ‘He is crying now.’
162. Pünyüü ngünyih thep-hen  
 pinji    ŋənjiʔ            tʰʌp        -han  
 she    tomorrow        cry        -FUT  
 ‘She will cry tomorrow.’
163. Püpa münyih thep-peih  
 pɪpa    miʔniʔ            tʰʌp        -pɪiʔ  
 he    yesterday        cry        -PST  
 ‘He cried yesterday.’

164. Püpashinyih thep-tük  
 pɪpa ʃɪnʒiʔ tʰʌp -tək  
 he today cry -PERF  
 ‘He has cried today.’
165. Püpa- i nyihjeih laihing e-nyeih  
 pɪpa -i nʒiʔʃeiʔ laihɪŋ i -neʔ  
 he - ERG everyday bible read -HAB  
 ‘He reads the bible everyday.’
166. Pünyiu-i shahang laihing e-nyüke  
 pɪnʒi -i ʃaʰaŋ laihəŋ i -niike  
 she -ERG now bible read -PROG  
 ‘She is reading the bible now.’
167. Püpa-i ngünyih laihing e-hen  
 pɪpa-i - nʒiʔ laihəŋ i -hʌn  
 he-ERG tomorrow bible read -FUT  
 ‘He will read the bible tomorrow.’
168. Pünyiu-i münyih laihing e-peih  
 pɪnʒi -i mɪnʒiʔ laihəŋ I -pʌiʔ  
 he -ERG yesterday bible read -PERF  
 ‘she read the bible everyday.’
169. Püpa-i shinyih laihing e-tük  
 pəpa -i ʃɪnʒiʔ laihəŋ I -tək  
 he ERG today bible read -PST  
 ‘He has read the bible today.’

Pochury:

170. Nyimpawa akhuzhu rülörülo wa-veh  
 nʒimpawa akʰuʒu ɹələɹələ wa-ve  
 he field day day go -PRS  
 ‘He goes to the field everyday.’
171. Nyimzawa khinyi akhuzhu kuo-wa  
 nʒimzawa kʰinʒi akʰuʒu (ko)-wa  
 she now field PRO-go  
 ‘She is going to the field now.’

172. Nyimpawa akhuzhu thuotü wa-na  
 njimpawa ak<sup>h</sup>uzu t<sup>h</sup>utə wa-na  
 he field tomorrow go-FUT  
 ‘He will go the field tomorrow.’
173. Nyimpawa luonyi akhuzhu wa-thuo  
 njimpawa lunji ak<sup>h</sup>uzu wa-t<sup>h</sup>u  
 he yesterday field go-PST  
 ‘He went to the field yesterday.’
174. Nyimzawa akhuzhu wa-ma-thuo  
 Jimzawa ak<sup>h</sup>uzu wa-mət<sup>h</sup>u  
 she field go-PERF  
 ‘She has gone to the field.’
175. Nyimpawa rülorülo krie-veh  
 njimpawa .ələ.ələ krie-ve  
 he everyday cry-PRS  
 ‘He cries everyday.’
176. Nyimzawa khinyi krie-be  
 njimzawa k<sup>h</sup>ini krie-be  
 she now cry-PROG  
 ‘She is crying now.’
177. Nyimpawa thuotü krie-na  
 njimpawa t<sup>h</sup>utə krie-na  
 he tomorrow cry-FUT  
 ‘He will cry tomorrow.’
178. Nyimzawa luonyi kriemthuo  
 njimzawa lunji kriem-t<sup>h</sup>u  
 she yesterday cry-PST  
 ‘She cried yesterday.’
179. Nyimzawa nosü kriem-mü-thuo  
 njimzawa nəsə kriem-mət<sup>h</sup>u  
 she today cry-PERF  
 ‘She has cried today.’
180. Nyimpawa rülorülo kümütsezhü chie-veh  
 njimpawa rələrulo kəmətsezə t<sup>ʃ</sup>he-ve  
 he everyday holy word read-PRS  
 ‘He reads the bible everyday.’

181. Nyimzawa khinyi kümütsezhü chie-be  
 njimzawa k<sup>h</sup>ini kəmətseʒə ʃ<sup>h</sup>e-be  
 she now holy word read-PROG  
 ‘She is reading the bible now.’
182. Nyimpawa thuotü kümütsezhü chie-na  
 Njimpawa t<sup>h</sup>utə kəmətseʒə ʃ<sup>h</sup>e-na  
 he tomorrow holy word read-FUT  
 ‘He will read the bible tomorrow.’
183. Nyimzawa luonyi kümütsezhü chiem-thuo  
 njimzawa lunji kəmətseʒə ʃ<sup>h</sup>em-t<sup>h</sup>u  
 she yesterday holy word read-PST  
 ‘She read the bible yesterday.’
184. Nyimpawa nosü kümütse zhüchie-mü-thuo  
 njimpawa nosə kəmətseʒə ʃ<sup>h</sup>e -mət<sup>h</sup>u  
 he today holy word read-PERF  
 ‘He has read the bible today.’

Sangtam:

185. Abi lede lu lang würe  
 ʌpi lete lu lʌŋ wə-ɾe  
 he everyday field LOC go-HAB  
 ‘He goes to the field every day.’
186. Abi ade lu lang wüyale  
 ʌpi ʌte lu lʌŋ wə-ɟʌle  
 he now field LOC go-PRS  
 ‘She is going to field now.’
187. Abi atu lu lang wünung  
 ʌpi atu lu lʌŋ wə-nuŋ  
 he tomorrow field LOC go-FUT  
 ‘He will go to the field tomorrow.’
188. Abi atü lu lang wücho-e  
 ʌpi ʌtə lu lʌŋ wə-ʃ<sup>h</sup>ɕe  
 he yesterday field LOC go- PST  
 ‘He went to the field yesterday.’

189. Abi lu lang wüko  
 ʌpi lu lɒŋ wə-kʰɔ  
 he field LOC go-PERF  
 ‘He has gone to the field.’
190. Abi lede trare  
 ʌpi lete tɪɒ-ɪe  
 she everyday cry-HAB  
 ‘She cries everyday.’
191. Abi ade trayale  
 ʌpi ɒte tɪɒ-jɒle  
 he now cry-PRS  
 ‘He is crying now.’
192. Abi atu tranung  
 ʌpi ɒtu tɪɒ-nuŋ  
 he tomorrow cry-FUT  
 ‘He will cry tomorrow.’
193. Abi atü trako  
 ʌpi ɒtə tɪɒ-kʰɔ  
 he yesterday cry-PERF  
 ‘He cried yesterday.’
194. Abi chünye tracho-e  
 ʌpi tʃʰɒŋe tɪɒ-tʃʰɔe  
 he today cry-PST  
 ‘He has cried today.’
195. Abi lede azingdacho khire  
 ʌpi lete ʌziŋtɒʔtʃʰɔ kʰi-ɪe  
 he everyday bible read-HAB  
 ‘She reads bible everyday.’
196. Abi ade azingdacho khiyale  
 ʌpi ɒte ʌziŋtɒʔtʃʰɔ kʰi-jɒle  
 he now bible read-PRS  
 ‘He is reading the bible now.’
197. Abi atu azingdacho khinung  
 ʌpi ɒtu ʌziŋtɒʔtʃʰɔ kʰi-nuŋ  
 he tomorrow bible read-FUT  
 ‘He will read the bible tomorrow.’

198. Abi atü azingdacho khiko  
 ʌpi ʌtə ʌziŋtʌʔʃʰɔ kʰi-kʰɔ  
 she yesterday bible read-PERF  
 ‘She read the bible yesterday.’
199. Abi chünye azingdacho khicho-e  
 ʌpi ʃʰʌŋe ʌziŋtʌʔʃʰɔ kʰi-ʃʰhɔe  
 he today bible read-PST  
 ‘He has read the bible today.’
200. Alila -nü ariba -khang lede lahre  
 ʌlilʌ -nə ariba -kʰʌŋ lete ʌʔ-ɪe  
 alila -NOM ariba ACC everyday beat-HAB  
 ‘Alila beats Ariba everyday.’
201. Ati -nü alongba -khang ade lahyale  
 ʌti -nə ʌlɔŋpa -kʰʌŋ ʌde ʌʔ-ʃʰle  
 ati -NOM alongba -ACC now beat-PRS  
 ‘Ati is beating Alongba now.’
202. Yutila -nü lontimong -khang atu lahnung  
 jutilʌ -nə ʌŋtimɔŋ -kʰʌŋ ʌtu ʌʔ-nuŋ  
 yutila -NOM longtimong -ACC tomorrow beat-FUT  
 ‘Yutila will beat Longtimong tomorrow.’
203. Apong -nü api -khang atü lahko  
 ʌpɔŋ -nə ʌpi -kʰʌŋ ʌtə ʌʔ-kʰɔ  
 apong -NOM api -ACC yesterday beat-PST  
 ‘Apong beat Api yesterday.’
204. mary -nü john -khang chünye lahcho-e  
 me.ɪ -nə dʒɔn -kʰʌŋ ʃʰʌŋe ʌʔ-ʃʰhɔe  
 mary -NOM john -ACC today beat-PST  
 ‘Mary has beaten John today.’

Sümi:

205. Li/Pa ye tsalakitetsüalu lo wu cheni  
 li/pa je tsalakitetsə alu lo u ʃʰeni  
 she/he NOM everyday field to go HAB  
 ‘S/he goes to the field everyday.’

206. Li/Pa ye itehi alu lo wu cheni  
 li/pa je itehi alu lo u tʃeni  
 she/he NOM now field to go PROG  
 ‘S/he is going to the field now.’
207. Li/Pa ye thoghiu alu lo wu nani  
 li/pa je thəyeu alu lo u nani  
 s/he NOM tomorrow field to go FUT  
 ‘S/he will go to the field tomorrow.’
208. Li/Pa ye ighina alu lo wu va  
 li/pa je eyena alu lo u va  
 s/he NOM yesterday field to go- PST  
 ‘S/he went to the field yesterday.’
209. Li/Pa ye alu lo wu-vai  
 li/pa je alu lo u-vai:  
 s/he NOM field to go-PST  
 ‘S/he has gone to the field.’
210. Li/Pa ye tsalakupetsü qa-a cheni  
 li/pa je tsalakupetsə qa: tʃeni  
 s/he NOM everyday cry HAB  
 ‘S/he cries everyday.’
211. Li/Pa ye itehi qa - ni  
 li/pa je itehi qa: ni  
 s/he NOM now cry- PROG  
 ‘S/he is crying now.’
212. Li/Pa ye thoghiu qa nani  
 li/pa je thəyeu qa nani  
 s/he NOM tomorrow cry FUT  
 ‘S/he will cry tomorrow.’
213. Li/Pa ye ighina qa va  
 li/pa je eyena qa va  
 s/he NOM yesterday cry- PST  
 ‘S/he cried yesterday.’
214. Li/Pa ye ishi qa va  
 li/pa je ifi qa va  
 s/he NOM today cry PST  
 ‘S/he has cried today.’

215. Li/Pa ye tsalakupetsü kuchouyesü phi - cheni  
 li/pa je tsalakupetsə kutʃoujesə phi ʃfeni  
 s/he NOM everyday Bible read - HAB  
 ‘S/he reads the Bible everyday.’
216. Li/Pa ye itehikuchouyesü phi - ani  
 li/pa je itehi kutʃoujesə phi ani  
 s/he NOM now bible read - PROG  
 ‘S/he is reading the Bible now.’
217. Li/Pa ye thoghiu kuchouyesü phi - nani  
 li/pa je thəyeu kutʃoujesə phi nani  
 s/he NOM tomorrow bible read - FUT  
 ‘S/he will read the Bible tomorrow.’
218. Li/Pa ye ighina kuchouyesü phi va  
 li/pa je eyena kutʃoujesə phi va  
 s/he NOM yesterday bible read- PST  
 ‘S/he read the Bible yesterday.’
219. Li/Pa ye ishi kuchouyesü phi - va  
 li/pa je ifi kutʃoujesə phi va  
 s/he NOM today Bible read - PST  
 ‘S/he has read the Bible today.’
220. Mary – ye tsalakupetsü John he - cheni  
 meri - je tsalakupetsə dʒən he - ʃfeni  
 mary –NOM everyday john beat - HAB  
 ‘Mary beats John everyday.’
221. Mary ye itehiJohn he - ani  
 meri je itehi dʒən he - ani  
 mary NOM now john beat - PROG  
 ‘Mary is beating John now.’
222. Mary ye thoghiu John he - nani  
 meri je thəyeu dʒən he - nani  
 mary NOM tomorrow john beat - FUT  
 ‘Mary will beat John tomorrow.’



223. Mary ye ighina John he - tsü  
 meri je eyena dʒən he - tsə  
 mary NOM yesterday John beat - PST  
 ‘Mary beat John yesterday.’

224. Mary ye ishi John he - va  
 meri je iʃi dʒən he - va  
 mary NOM today John beat - PST  
 ‘Mary has beaten John today.’

Yimchunger:

225. Api nimongan thüluching yüchoh  
 abi nimoŋ.ʌʌn thuluʃhiŋ wɜ:ʃhə?  
 she everyday field go-PRS  
 ‘She goes to the field everyday.’

226. Api khiakü thüluching yüchoh  
 abi khiakə thuluʃhiŋ wɜ:ʃhə?  
 he now field go+PROG  
 ‘He is going to the field now.’

227. Api sheto thüluching yüpah  
 abi ʃitə thuluʃhiŋ wɜ:bʌə  
 she tomorrow field go-FUT  
 ‘She will go to the field tomorrow.’

228. Api thüluching müyüh  
 abi thuluʃhiŋ mi:ɜ:  
 she field not-go  
 ‘She will not go to the field.’

229. Api yine thüluching yükheah  
 abi jɪni thuluʃhiŋ wɜ:khiʌ?  
 he yesterday field go-PST  
 ‘He went to the field yesterday.’

230. Api thüluching yüto  
 abi thuluʃhiŋ wɜ:tə  
 he field go- PERF  
 ‘He has gone to the field.’

231. Api nimongapan tripchoh  
 abi ɲimɔŋ.ʌpʌn trip-ʃhɔ?  
 he everyday cry-HAB  
 ‘He cries everyday.’
232. Api kheakü tripchoh  
 abi kʰekə trip-ʃhɔ?  
 she now cry-PRS  
 ‘She is crying now.’
233. Api sheto atripah  
 abi ʃitɔ atri-pʌ?  
 he tomorrow cry-FUT  
 ‘He will cry tomorrow.’
234. Api yine atripkheah  
 abi jipi atrip-khiʌ?  
 he yesterday cry-PST  
 ‘He cried yesterday.’
235. Api khihnie tripkheah  
 abi kʰeje trip-khiʌ?  
 he today cry-PST  
 ‘He has cried today.’
236. Api nimongapan amüsüh-hum khechoh  
 abi ɲimɔŋapan aməsəʔhʌm kʰe-ʃhɔ?  
 she everyday bible read  
 ‘She reads the bible everyday.’
237. Api kheakü amüsüh-hüm khechoh  
 abi kʰekə aməsəʔhʌm kʰe-ʃhɔ?  
 he now bible read-PRS  
 ‘He is reading the bible now.’
238. Api sheto amüsüh-hüm khepah  
 abi ʃeto aməsəʔhʌm kʰe-pʌɔ  
 he tomorrow bible read-FUT  
 ‘He will read the bible tomorrow.’

239. Api yine amüsüh-hüm khekheah  
 abi jini aməsəʔhΛm k<sup>h</sup>e-khiΛʔ  
 he yesterday bible read-PST  
 ‘He read the bible yesterday.’
240. Api khehni amüsüh-hüm khekheah  
 abi k<sup>h</sup>eɲe aməsəʔhΛm k<sup>h</sup>e-khiΛʔ  
 he today bible read-PST  
 ‘He has read the bible today.’
241. Mary nü john kheak nimongapan lakchoh  
 me.i -nə ɖʒən -khiak ɲimɔŋapan lak-ʃhɔʔ  
 mary -ERG john ACC everyday beats  
 ‘Mary beats John everyday.’
242. Mary nü john kheak kheakü lakchoh  
 me.i -nə ɖʒən -khiak k<sup>h</sup>ekə lak-ʃhɔʔ  
 mary -ERG john -ACC now beat-PRS  
 ‘Mary is beating John now.’
243. Mary nü john kheak sheto alkpah  
 me.i -nə ɖʒən -khiak ʃeto alak-pΛɔ  
 mary -ERG john -ACC tomorrow beat-FUT  
 ‘Mary will beat John tomorrow.’
244. Mary nü john kheak yine lak-kheah  
 me.i -nə ɖʒən -khiak jini lak-khiak  
 mary -ERG john -ACC yesterday beat-PST  
 ‘Mary beat John yesterday.’
245. Mary nü john kheak kihinne lak-kheah  
 me.i -nə ɖʒən -khiak k<sup>h</sup>eɲi lak-khiak  
 mary -ERG john -ACC today beat-PST  
 ‘Mary has beaten John today.’

Zeme:

246. Pa tingnai ramsangne helu meimei zoi  
 pΛ tiŋnai rΛmsaŋnΛ helu meime zoi  
 s/he day every field go HAB  
 ‘S/He goes to the field every day.’

247. Pa chu helu mei lah  
 pʌ tsu helu mei lʌ  
 she now field go PROG  
 ‘She is going to the field now.’
248. Pa nchune helu mei ze  
 pʌ ntsune helu mei ze  
 s/he tomorrow field go FUT  
 ‘S/he will go to the field tomorrow.’
249. Pa nzehne helu mei dah  
 pʌ nzene helu mei dʌ  
 s/he yesterday field go PST  
 ‘S/he went to the field yesterday.’
250. Pa helu mei didah  
 pʌ helu mei didʌ  
 s/he field go PERF  
 ‘S/he has gone to the field.’
251. Pa tingnai ramsang hap bam zoi  
 pʌ tiŋnai rʌmsaŋ hʌp bʌm zoi  
 s/he day every cry PROG HAB  
 ‘S/he cries every day.’
252. Pa chu hap bam  
 pʌ tsu hʌp bʌm  
 S/he now cry PROG  
 ‘S/he is crying now.’
253. Pa nchune hap zeh  
 pʌ ntsune hʌp ze  
 S/he tomorrow cry FUT  
 ‘S/he will cry tomorrow.’
254. Pa nzehne hap le  
 pʌ nzene hʌp le  
 s/he yesterday cry PST  
 ‘S/he cried yesterday.’
255. Pa henai hap le  
 pʌ henai hʌp le  
 s/he today cry PST  
 ‘S/he has cried today.’

256. Pa aipau kesangsam deh pei mui zoi  
 pʌ ɔ̃pʌu kesʌŋsʌm de pei mui zoi  
 s/he this bible DET read daily HAB  
 ‘S/he reads the Bible every day.’
257. Pa chu kesangsam pei bam  
 pʌ tsu kesʌŋsʌm pei bʌm  
 s/he now ible read PROG  
 ‘S/he is reading the Bible now.’
258. Pa nchune kesangsam pei zeh  
 pʌ ntsune kesʌŋsʌm pei ze  
 s/he tomorrow bible read FUT  
 ‘S/he will read the Bible tomorrow.’
259. Pa nzehne kesangsam pei dah  
 pʌ nzene kesʌŋsʌm pei dʌ  
 s/he tomorrow bible read PST  
 ‘S/he read the Bible yesterday.’
260. Pa henai kesangsam pei dah  
 pʌ henai kesʌŋsʌm pei dʌ  
 s/he today bible read PST  
 ‘S/he has read the Bible today.’

Universal 18 & 20:

Chang:

261. Bülong loubü ho waban-thongtia  
 bəloŋ loubə ho wa:bən-təŋtia  
 tree tall DET cut-down  
 ‘The tall tree has been cut down.’
262. Bülong loubü banyi kho waban-thongtia  
 bəloŋ loubə pʌŋi? khə wa:bən-təŋtia  
 tree tall two DET cut-down  
 ‘The two tall trees have been cut down.’
263. Bülong loubü banyi kho waban-thongtia  
 bəloŋ loubə pʌŋi? khə wa:bən-təŋtia  
 tree tall two DET cut-down  
 ‘Those two tall trees have been cut down.’

264. John ei bülong loubü ho waban-thongtia  
 dʒən -ai bəloŋ loubə ho wa:bən-təŋtia  
 john -ERG tree tall DET cut -down  
 ‘John cut down the tall tree.’
265. John ei bülong loubü banyi kho waban-thongtia  
 dʒən -ai bəloŋ loubə pɔɲi? khə wa:bən-təŋtia  
 john -ERG tree tall two DET cut -down  
 ‘John cut down the two tall trees.’
266. John ei bülong loubü banyi kho waban-thongtia  
 dʒən -ai bəloŋ loubə pɔɲi? khə wa:bən-təŋtia  
 john -ERG tree tall two DET cut down  
 ‘John cut down these two tall trees.’

Chokri:

267. Sübo kücho pu veve  
 sɪbɔ́ kəʃhɔ́ pɪ́ vévé  
 tree tall one cut-down  
 ‘The tall tree has been cut down.’
268. Sübo kücho küna veve  
 sɪbɔ́ kəʃhɔ́ kənà vévé  
 tree tall two cut-down  
 ‘The two tall trees have been cut down.’
269. Sübo kücho küna ni veve  
 sɪbɔ́ kəʃhɔ́ kənà ɲí vévé  
 tree tall two those cut-down  
 ‘Those two tall trees have been cut down.’
270. John- e-no sübo kücho pu veve  
 dʒən- è-nə sɪbɔ́ kəʃhɔ́ pɪ́ vévé  
 john- NOM tree tall one cut-down  
 ‘John cut down the tall tree.’
271. John- e-no sübo kücho küna veve  
 dʒən- è-nə sɪbɔ́ kəʃhɔ́ kənà vévé  
 john- NOM tree tall two cut-down  
 ‘John cut down the two tall trees.’

272. John- e-no sübo kücho küna ni veve  
 džon- è-no sǐbǒ' kǎŋhǒ' kǎnà ní vévé  
 john- NOM tree tall two these cut-down  
 'John cut down these two tall trees.'

Khezha:

273. Tshübo ketha wetsha da  
 tshǎbǒ kǎthá wǎtʃa dà  
 tree tall cut-down PST  
 'The tall tree has been cut down.'
274. Tshübo ketha kenhi wetsha da  
 tshǎbǒ kǎthá kǎnhē wǎtʃa dà  
 tree tall two cut-down PST  
 'The two tall trees have been cut down.'
275. Tshübo ketha kenhi huno wetsha da  
 tshǎbǒ kǎthá kǎnhē húnǒ wǎtʃa dà  
 tree tall two those cut-down PST  
 'Those two tall trees have been cut down.'
276. John nü tshübo ketha wetsha da  
 džon nǎ tshǎbǒ kǎthá wǎtʃa dà  
 john NOM tree tall cut-down PST  
 'John cut down the tall tree.'
277. John nü tshübo ketha kenhi wetsha da  
 džon nǎ tshǎbǒ kǎthá kǎnhē wǎtʃa dà  
 john NOM tree tall two cut-down PST  
 'John cut down the two tall trees.'
278. John nü tshübo ketha kenhi hi wetsha da  
 džon nǎ tshǎbǒ kǎthá kǎnhē hǐ wǎtʃa dà  
 john NOM tree tall two these cut-down PST  
 'John cut down these two tall trees.'

Khiamnungan:

279. Pai lain nou thami-yan-iu  
 pai lai:n nǎ thǎmi-jǎn-iu?  
 tree tall DET cut-down-PRF  
 'The tall tree has been cut down.'

280. Pai lain nou nyime thami-yan-iu  
 pai lai:n nɔ ɲimeʔ thami-jʌn-iuʔ  
 tree tall DET two cut-down-PRF  
 ‘The two tall trees have been cut down.’
281. Pai lain nouso ne nyime thami-yan-iu  
 pai lai:n nɔso ne ɲime thami-jʌn-iuʔ  
 tree tall DEM DL two cut-down- PRS-PRF  
 ‘Those two tall trees have been cut down.’
282. John üh pai lain nou tham-i-yan  
 dzon əʔ pai lai:n nɔ tham-i-jʌn  
 john ERG tree tall DET cut-down  
 ‘John cut down the tall tree.’
283. John üh pai lain nou nyime tham-i-yan-iu  
 dzon əʔ pai lai:n nɔ ɲime tham-i-jʌn-iuʔ  
 john ERG tree tall DET two cut-down PRS-PRF  
 ‘John cut down the two tall trees.’
284. John üh pai lain nousone tham-i-yan  
 dzon əʔ pai lai:n nɔso ne tham-i-jʌn  
 john ERG tree tall DEM DL cut-down  
 ‘John cut down these two tall trees.’

Konyak:

285. Pee ü lao-a wat yangke  
 pi ʌlau-a wat- jʌŋki  
 tree tall-DEM cut -PST  
 ‘The tall tree has been cut down.’
286. Pee ü lao nyi-a wat yangke  
 pi ʌlau ɲji-a wat- jʌŋki  
 tree tall two-DEM cut- PST  
 ‘The two tall trees have been cut down.’
287. Taolan pee ü lao nyi-a wat yangke  
 taolan pi ʌlau ɲji-a wat- jʌŋki  
 those tree tall two-DEM cut-PST  
 ‘Those two trees have been cut down.’



288. Tongwang-e pee üdao-a wat yangke  
 tonwΛη-ə pi Λtau-a wΛt- jΛηki  
 tongwang-ERG tree tall-DEM cut -PST  
 ‘Tongwang cut down the tall tree.’
289. Tongwang -e pee üdao nyi-a watyangke  
 tonwΛη -ə pi ataə nji-a wΛt- jΛηke  
 tongwang ERG tree tall two DEM cut -PST  
 ‘Tongwang cut down the two tall trees.’
290. Tongwang-e hatüo nyih pee -a wat yanke  
 tonwΛη-ə hΛtau nji pi -a wΛt- jΛηki  
 tongwang-ERG this two tree-DEM cut PST  
 ‘Tongang cut down these two tall trees.’

Liangmai:

291. Singbang ketheng piu gae thun ne  
 siηbΛη ket<sup>h</sup>εη piu ge t<sup>h</sup>un: ne  
 tree tall DEF cut down PST  
 ‘The tall tree has been cut down.’
292. Singbang nia ketheng piu gae thun ne  
 siηbΛη nia ket<sup>h</sup>εη piu ge t<sup>h</sup>un: ne  
 tree two tall DEF cut down PST  
 ‘The two tall trees have been cut down.’
293. Wepiu singbang nia ketheng piu gae thun ne  
 wipiu siηbΛη nia ket<sup>h</sup>εη piu ge t<sup>h</sup>un: ne  
 those tree two tall DEF cut down PST  
 ‘Those two tall trees have been cut down.’
294. Singbang ketheng piu John ne ge thun ne  
 siηbΛη ket<sup>h</sup>εη piu dʒən ne ge t<sup>h</sup>un: ne  
 tree tall DEF John ERG cut down PRS  
 ‘John cut down the tall tree.’
295. Singbang nia ketheng piu John ne ge thun ne  
 siηbΛη nia ket<sup>h</sup>εη piu dʒən ne ge t<sup>h</sup>un: ne  
 tree two tall the John ERG cut down PRS  
 ‘John cut down the two tall trees.’

296. Hainapiu singbang nia ketheng piu John ne ge thun ne  
 hainapiu      siŋbʌŋ nia      ke<sup>h</sup>eŋ piu      dʒon      ne      ge      t<sup>h</sup>un:      ne  
 these            tree    two    tall    DEF    John    ERG    cut    down    PRS  
 ‘John cut down these two tall trees.’

Lotha:

297. Otong ntson ji tanchochi taka  
 ɔtoŋ    nts<sup>h</sup>ɔn    ʃi      tʌŋʃ<sup>h</sup>ɔʃ<sup>h</sup>i    -tʌkʌ  
 tree    tall    DET      cut down-PERF  
 ‘The tall tree has been cut down.’
298. Otong ntson eni ji tanchochitaka  
 ɔtoŋ    nts<sup>h</sup>ɔn    eni      ʃi      tʌŋʃ<sup>h</sup>ɔʃ<sup>h</sup>i    -tʌkʌ  
 tree    tall    two      DET    cut down-PERF  
 ‘The two tall trees have been cut down.’
299. Otong ntson enia ta tanchochi taka  
 ɔtoŋ    nts<sup>h</sup>ɔn    ɔniata    tʌŋʃ<sup>h</sup>ɔʃ<sup>h</sup>i    -tʌkʌ  
 tree    tall    dual    cut down    -PERF  
 ‘Those two tall trees have been cut down.’
300. Nzamo na otong ntson ji tanchochi taka  
 nzamo-na    ɔtoŋ    nts<sup>h</sup>ɔn    ʃi      tʌŋʃ<sup>h</sup>ɔʃ<sup>h</sup>i      -tʌkʌ  
 nzamo-NOM    tree    tall    DET    cut down      - PERF  
 ‘Nzamo cut down the tall tree.’
301. Nzamo na otong ntson eniata tanchochi taka  
 nzamo-na    ɔtoŋ    nts<sup>h</sup>ɔn    eniata    tʌŋʃ<sup>h</sup>ɔʃ<sup>h</sup>i      -tʌkʌ  
 nzamo-NOM    tree    tall    dual    cut down      -PERF  
 ‘Nzamo cut down the two tall tree.’
302. Nzamo na otong ntson eni shi tanchochi taka  
 nzamo-na                    ɔtoŋ    nts<sup>h</sup>ɔn    eni    ʃi      tʌŋʃ<sup>h</sup>ɔʃ<sup>h</sup>i      -tʌkʌ  
 nzamo-NOM                    tree    tall    two    this    cut down      -PERF  
 ‘Nzamo cut down these two tall trees.’

Nthenyi:

303. Acchanton kesiwa wishü dha  
 ʌʃʌntɔ̃      kesiwa    wiʃi:    t<sup>h</sup>ʌ  
 tree            tall      cut      PST  
 ‘The tall tree has been cut down.’
304. Acchanton kesiwa kenyi tsü wishü dha  
 ʌʃʌntɔ̃      kesiwa    ken*i*    t*si*    wiʃi:    t<sup>h</sup>ʌ  
 tree            tall      two    DEF    cut      PST  
 ‘The two tall trees have been cut down.’

305. Acchanton kesiwa kenyi watsü wishü dha  
 ʌʃʌntɔ̃ kesiwa kenʲi wʌtsi wiʃi: tʰʌ  
 tree tall two DEF cut PST  
 ‘Those two tall trees have been cut down.’
306. John na acchanton kesiwa wishü  
 dʒɔn nʌ ʌʃʌntɔ̃ kesiwa wiʃi:  
 john ERG tree tall cut  
 ‘John cut down the tall tree.’
307. John na acchanton kesi kenyi tsü wishü  
 dʒɔn nʌ ʌʃʌntɔ̃ kesi kenʲi tsi wiʃi:  
 John ERG tree tall two DET cut  
 ‘John cut down the two tall trees.’
308. John na acchanton kesi ha kenyi tsü wishü  
 dʒɔn nʌ ʌʃʌntɔ̃ kesi ha kenʲi tsi wiʃi:  
 john ERG tree tall these two DET cut  
 ‘John cut down these two tall trees.’

Nzonkhwe:

309. Senbin ketetso gü du - phen - la  
 sə̃bĩ kətətso gə də - phə̃ - lʌ  
 tree tall DET cut – down - PST  
 ‘The tall tree has been cut down.’
310. Senbin ketetso hvü du - phen - la (so)  
 sə̃bĩ kətətso hu də - phə̃ - lʌ (sɔ)  
 tree tall two cut - down - PST  
 ‘The two tall trees have been cut down.’
311. Senbin ketetso li - hvü du - phen - la (so)  
 sə̃bĩ kətətso li – hu də - phə̃ - lʌ (sɔ)  
 tree tall DEM-two cut - down - PST  
 ‘Those two tall trees have been cut down.’
312. John le senbin ketetso du - phen - la  
 dʒɔn le sə̃bĩ kətətso də - phə̃ - lʌ  
 john ERG tree tall cut - down - PST  
 ‘John cut down the tall tree.’
313. John le senbin ketetso hvü du - phen - la  
 dʒɔn le sə̃bĩ kətətso hu də - phə̃ - lʌ  
 John ERG tree tall two cut - down - PST  
 ‘John cut down the two tall trees.’

314. John le senbin hi - hvü du - phen - la  
 džɔn le sə̃bĩ hi - hu də - phə̃ - lɑ  
 john ERG tree this (DEM)- two cut - down - PST  
 ‘John cut down these two tall trees.’

Phom:

315. Pü yanglupü akdüktüke  
 pĩ jaŋlupə aktək-təke  
 tree tall cut -PST  
 ‘The tall tree has been cut down.’
316. Pü yanglupü nyie akdüktüke  
 pĩ jaŋlupə ni aktək-təke  
 tree tall two cut -PST  
 ‘The two tall tree has been cut down.’
317. Hapa yanglupü pü nyie akdüktüke  
 hapa jaŋlupə pĩ nji aktək-təke  
 those tall tree two cut -PST  
 ‘Those two tall trees have been cut down.’
318. Chingyah-i pü yanglupü akdüktüke  
 tʃiŋja? -i pĩ jaŋlupə aktək-təke  
 chingyah -ERG tree tall cut -PST  
 ‘Chingyah cut down the tall tree.’
319. Chingyah-i Pü yanglupü nyie akdüktüke  
 tʃiŋja? -i pĩ jaŋlupə ni aktək-təke  
 chingyah-ERG tree tall two cut -PST  
 ‘Chingyah cut down the two tall trees.’
320. Chingyah-i hapa Pü yanglupü nyie ak -düktüke  
 tʃiŋja? -i hapa pĩ jaŋlupə ni aktək-təke  
 chingyah-ERG these tree tall two cut -PST  
 ‘Chingyah cut down these two tall trees.’

Pochury:

321. Atsohjiküso luola-və jeja-mü-thuo  
 atsʰɔʃi kisu lula-və tʃeʃa-mə-tʰu  
 tree tall down-LOC cut -PERF-PST  
 ‘The tall tree has been cut down.’
322. Atsohji-ri küso künyi luola-və jeja-mü-thuo  
 atsʰɔʃi-ri kisu kənjilula-və tʃeʃa-mə-tʰu  
 tree-PLU tall two down-LOC cut -PERF-PST  
 ‘The two tall trees have been cut down.’

323. Tama atsohji-ri kūsuo künyi luola-və jeja-mü-thuo  
 tama atshɔʃi-ri kisu kənjilula-və ʃeʃfa-mə-tʰu  
 those tree -PLU tall two down-LOC cut -PERF-PST  
 ‘Those two tall trees have been cut down.’

324. Atho-nüh atsohji kūsuo luola jeja  
 atʰo-nə atshɔʃi kisu lula ʃeʃfa  
 atho-NOM tree tall down cut  
 ‘Atho cut down the tall tree.’

325. Atho-nüh atsohji-ri kūsuo künyi luola jeja  
 atʰo-nə atshɔʃi-ri kisu kənji lula ʃeʃfa  
 atho-NOM tree -PLU tall two down cut  
 ‘Atho cut down the two tall trees.’

326. Atho-nüh hama atsohji-ri kūsuo künyi luola jeja  
 atʰo-nə hama atshɔʃi-ri kisu kənji lula ʃeʃfa  
 atho-NOM these tree-PLU tall two down cut  
 ‘Atho cut down these tall trees.’

Sangtam:

327. Singdong athsing - sü kyopehko  
 siŋtoŋ ʌtshin - sə kjopeʔ-kʰə  
 tree tall -DEF cut -down  
 ‘The tall tree has been cut down.’

328. Singdong athsinghsing anyüh -sü kyopehko  
 siŋtoŋ ʌtshinʃshin aŋnə - sə kjopeʔ-kʰə  
 tree tall two DEF cut-down  
 ‘The two tall trees have been cut down.’

329. Singdong athsinghsing hatsünye -sü kyopehko  
 siŋtoŋ ʌtshinʃshin hʌtsəŋji -sə kjopeʔ-kʰə  
 tree tall dual -DEF cut-down  
 ‘Those two tall trees have been cut down.’

330. Lilong -nü singdong athsing -sü kyopehko  
 liləŋ -nə siŋtoŋ ʌtshin -sə kjopeʔ-kʰə  
 lilong -NOM tree tall -DEF cut-down  
 ‘Lilong cut down the tall tree.’

331. Lumri -nü singdong athsinghsing anyüh -sü kyopehko  
 lʌm.ɿ -nə siŋtoŋ ʌtshinʃshin aŋnə -sə kjopeʔ-kʰə  
 lumri -NOM tree tall two -DEF cutdown  
 ‘Lumri cut down the two tall trees.’

332. John -nü singdong athsingthsing hatsünye -sü kyopehko  
 dʒɔn -nə siŋtoŋ ʌtʃiŋtʃiŋ hʌtsəŋji-sə kjopeʔ-k<sup>h</sup>ɔ  
 john -NOM tree tall dual -DEF cut-down  
 ‘John cut down these two tall trees.’

Sümi:

333. Asübo chuqumghai keu thaqhi thaqhi va  
 asəbɔ ʃuqumɣai keu je thaxi va  
 tree tall DET DIST cut-down PST  
 ‘The tall tree has been cut down.’
334. Asübo chuqumghai keu kini thaqhi pe va  
 asəbɔ ʃuqumɣai keu kini thaxi va  
 tree tall DET two cut-down PST  
 ‘The two tall trees have been cut down.’
335. Asübo chuqumghai keu hu - küma ye thaqhi va  
 asəbɔ ʃuqumɣai keu hu - kəma je thaxi va  
 tree tall DET those- two DIST cut-down PST  
 ‘Those two tall trees have been cut down.’
336. John- no asübo chuqumghai keu thaqhi  
 dʒɔn- nɔ asəbɔ ʃuqumɣai keu thaxi  
 john- NOM tree tall DEF cut-down  
 ‘John cut down the tall tree.’
337. John- no asübo chuqumghai keu kini thaqhi  
 dʒɔn- nɔ asəbɔ ʃuqumɣai keu kini thaχi  
 john- NOM tree tall DEF two cut-down  
 ‘John cut down the two tall trees.’
338. John- no asübo chuqumghai keu kini hi-küma thaqhi  
 dʒɔn- nɔ asəbɔ chuqumɣai keu kini hi-kəma thaχi  
 john- NOM tree tall DEF two DEM-two cut-down  
 ‘John cut down these two tall trees.’

Yimchunger:

339. Sangdong ahang khüh kiushakto  
 saŋduŋ afaŋ kʰəʔ kiufaktə  
 tree tall DET cut down  
 ‘The tall tree has been cut down.’
340. Sangdong ahang mahne kiushakto  
 saŋdɔŋ afaŋ maʔnie kiu-faktə  
 tree tall two cut down  
 ‘The two tall trees have been cut down.’
341. Sangdong ahang hanie kiushakto  
 saŋdɔŋ afaŋ haŋe kiu-faktə  
 tree tall dual cut down  
 ‘Those two tall trees have been cut down.’
342. John nü sangdong ahang khüh kiushakto  
 dʒɔn -nə saŋdɔŋ afaŋ kʰəʔ kiufaktə  
 John -ERG tree tall DEF cut down  
 ‘John cut down the tall tree.’
343. John nü sangdong ahang mahne kiushakto  
 dʒɔn -nə saŋdɔŋ afaŋ maʔnie kiu-faktə  
 john -NOM tree tall two cut down  
 ‘John cut down the two tall trees.’
344. John nü sangdong ahang hanie kiushakto  
 dʒɔn -nə saŋdɔŋ afaŋ haŋe kiu-faktə  
 john -ERG tree tall dual cut down  
 ‘John cut down these two tall trees.’

Zeme:

345. Aipau chingbang kehhodeh bi nkau didah  
 ʌɪpau tʃiŋbaŋ kehode bi nkau dida  
 DET tree tall cut down PERF  
 ‘The tall tree has been cut down’.
346. Aipau chingbang kekho kenadeh bi nkau didah  
 ʌɪpau tʃiŋbaŋ keho ken:nɔ:de bi nkau dida  
 DET tree tall two cut down PERF  
 ‘The two tall trees have been cut down.’

347. Ncipau chingbang kehho kenadeh bi nkau didah  
 ntsipau tsiɲbaŋ keho ken:nɔ:de bi nkau dida  
 those tree tall two cut down PERF  
 ‘Those two tall trees have been cut down.’
348. John neh chingbang kehhodeh bi didah  
 dʒɔn ne tsiɲbaŋ kehode bi dida  
 john ERG tree tall cut PERF  
 ‘John cut down the tall tree.’
349. John chingbang kehho kenadeh bi didah  
 dʒɔn tsiɲbaŋ keho ken:nɔ:de bi dida  
 john tree tall two cut PERF  
 ‘John cut down the two tall trees.’
350. John chingbang aipau kenadeh bi didah  
 dʒɔn tsiɲbaŋ aipau ken:nɔ:de bi dida  
 john tree these two cut PERF  
 ‘John cut down these two tall trees.’

Universal 22:

Chang:

351. John kho mary toukai loukei  
 dʒɔn -kʰɔ mary tʌukʌi lʌukʌi  
 john than Mary COMP tall  
 ‘John is taller than mary.’
352. John kho mary toukai haokei  
 dʒɔn -kʰɔ mary tʌukʌi hʌuki  
 john than mary COMP strong  
 ‘John is stronger than Mary.’

Chokri:

353. John- e-no Mary cheri ürhü cho-kü  
 dʒɔn- ènɔ meri ʃéí ü.rhə ʃhə- kü  
 john- NOM mary than height tall- COMPR  
 ‘John is taller than Mary.’
354. John- e-no Mary cheri mütü- kü  
 dʒɔn- è-nɔ meri ʃéí mütü- kü  
 john- NOM mary than strong COMPR  
 ‘John is stronger than Mary.’



Khezha:

355. John ni Mary dzü thala  
dʒɔn ní meri dʒə̌ thälä  
john NOM mary than taller  
'John is taller than Mary.'

356. John ni Mary dzü tsela  
dʒɔn ní meri dʒə̌ ētsēlā  
john NOM Mary than stronger  
'John is stronger than Mary.'

Khiamniungan:

357. John kounaito mary lai-tsho  
dzon kounaitə mari lai-tsho  
john than mary tall-COMPR  
'John is taller than Mary.'

358. John kounaito mary kong-tsho  
dzon kounaitə mari kəŋ-tsho  
john than mary strong-COMPR  
'John is stronger than mary.'

Konyak:

359. Tongwang-a Liyan phe shetao ngohnang  
tonwɔŋ -a lijan phe ʃetau ŋɔʔ-nɔŋ  
tonwang-DEM liyan than tall have-PRS  
'Tongwang is taller than Liyan.'

360. Tongwang-a Liyan phe wong shenangpu  
tonwɔŋ -a lijan phe wəŋ ʃenɔŋpu  
tonwang-DEM liyan than strength COMPR  
'Tongwang is stronger than Liyan.'

Liangmai:

361. John parin theng boi Mary swang.  
dʒɔn perin tʰeŋ boi meri s<sup>w</sup>əŋ  
John height tall COMPR Mary than  
'John is taller than Mary.'

362. John papum tan-diang boi Mary swang.  
 dʒɔn papum tan-diaŋ bɔi meri s<sup>w</sup>aŋ  
 John body strong COMPR Mary than  
 ‘John is stronger than Mary.’

Lotha:

363. Nzamo jo abeni lona süpo kata  
 nzamɔ ʃɔ apeni lona sɔpɔ-kʌʌ  
 nzamo DEM abeni than tall-COMPR  
 ‘Nzamo is taller than Abeni.’
364. Nzmao jo Abeni lona etho jü kata  
 nzamɔ ʃɔ apeni lona e<sup>h</sup>ɔ ʃɔ-kʌʌ  
 nzamo DEM Abeni than strength have-COMPR  
 ‘Nzamo is stronger than Abeni.’

NTHENYI:

365. John na Mary miwi si - ki  
 dʒɔn nʌ meri miwi si - ki  
 john ERG Mary than tall- COMPR  
 ‘John is taller than Mary.’
366. John na Mary miwi zü - ki  
 dʒɔn nʌ meri miwi zɪ - ki  
 john ERG Mary than strong-COMPR  
 ‘John is stronger than Mary.’

Nzonkhwe:

367. John na Mary miwi si -ki  
 dʒɔn nʌ meri miwi si - ki  
 john ERG Mary than tall- COMPR  
 ‘John is taller than Mary.’
368. John na Mary miwi zü - ki  
 dʒɔn nʌ meri miwi zɪ - ki  
 john ERG Mary than strong-COMPR  
 ‘John is stronger than Mary.’

Phom:

369. Chingyah-ü Lachong mü lushi-nyüke  
 ʃiŋja? -ə laʃɔŋ məlu:ʃi -niike  
 chingyah-DEM Lachong thantall -COMPR  
 ‘Chingyah is taller than lachong.’

370. Chingyah-ü Lachong mü wong –khoshi -nyüke  
 t͡ʃiŋjaʔ -ə laʃoŋ mə uoŋ -kəʔʃi -niike  
 chingyah-DEM lachongthan strength –have -COMPR  
 ‘Chingyah is stronger than Lachong.’

Pochury:

371. Avi-nü Atho-nüh kü-üsuo  
 avi-nə atʰo-nə ka: su  
 avi-NOM atho-ACC COMPR tall  
 ‘Atho is taller than Avi.’

372. Avi-nü Atho-nüh kü-ümüzho  
 avi-nə atʰo-nə kʌ -məʒo  
 avi-NOM atho-ACC COMPR-strong  
 ‘Atho is stronger than Avi.’

Sangtam:

373. John tsü mary tenü atsung  
 d͡ʒən tsə me.i tenə ʌtsʰuŋ  
 john Det mary COMPR tall  
 ‘John is taller than Mary.’

374. John tsü mary tenü tasehazeh-o  
 d͡ʒən tsə me.i tenə taseʔʌze-əʔ  
 john DET mary COMPR strong  
 ‘John is stronger than Mary.’

Sümi:

375. John ye Mary ngunə akushu- ü  
 d͡ʒən je meri ŋunə akuʃ- ə  
 john NOM Mary than tall- COMPR  
 ‘John is taller than Mary.’

376. John ye mary nguno akumto- u  
 d͡ʒən je meri ŋunə akumto- u  
 john NOM Mary than strong- COMPR  
 ‘John is stronger than Mary.’

Yimchunger:

377. John ju mary kheaknü ashangkhü-a  
 d͡ʒən d͡ʒu me.i khiaknə aʃaŋkhə-a  
 john DET mary than tall-COMPR  
 ‘John is taller than Mary.’

378. John ju mary kheaknü sühmühlah-a  
 ɖʒən ɖʒu me.i khiaknə səməla-a  
 john DET mary than strong-COMPR  
 ‘John is stronger than Mary.’

Zeme:

379. John au Mary swade pera tei  
 ɖʒən ɬu meri s<sup>w</sup>ɬde pɛrɬ tei  
 john ERG Mary COMPR tall MODF  
 ‘John is taller than Mary.’

380. John au Mary swade nkeing gwa  
 ɖʒən ɬu meri s<sup>w</sup>ɬde nkeŋ g<sup>w</sup>ɬ  
 john ERG Mary COMPR strong MODF  
 ‘John is stronger than Mary.’

Universal 2: (Genitives)

Chang:

381. John eibü cham  
 ɖʒən ɬipə tʃam  
 john -GEN house  
 ‘John’s house.’

382. Sen eibü cham  
 sɬn ɬipə tʃam  
 our -GEN house  
 ‘Our house.’

383. Sao eibü kai  
 sɬu ɬipə kai  
 her -GEN dog  
 ‘Her dog.’

384. Hao eibü sek  
 hɬu ɬipə sek  
 his -GEN field  
 ‘His field.’

385. Bousubou eibü nyusebou  
 pəusɯpɯ ɬipə nɯsɯpɯ  
 boy - GEN mother father  
 ‘The boy’s parents.’

Chokri:

386. John che  
dʒɔn tʃé  
john house  
'John's house.'
387. U- ko che  
ú- kə tʃé  
our- GEN house  
'Our house.'
388. Pü tüshi  
pə tʃí  
her dog  
'Her dog.'
389. Pü yi  
pə jí  
his field  
'His field.'
390. Thüpi-yo krüneko  
thɪpə- ɔ tʃɪnəkə  
boy- GEN parents  
'The boy's parents.'

Khezha:

391. John ke  
dʒɔn kə  
john house  
'John's house.'
392. Aro- mi ke  
àɾə- mɪ kə  
our- GEN house  
'Our house.'
393. Pu- mi tshü  
pü- mí tshə  
her- GEN dog  
'Her dog.'

394. Pu- mi lo  
 pǔ- mí lǝ  
 his- GEN field  
 ‘His field.’
395. Khromi we pfü mezu  
 khròmì wè pfǝ mèzù  
 boy POSS father parents  
 ‘The boy’s parents.’

Khiamniungam:

396. John oun tsam  
 dzon ən ʃʌm  
 john GEN house  
 ‘John’s house.’
397. Ham oun tsam  
 hʌm ən ʃʌm  
 our GEN house  
 ‘Our house.’
398. Apa oun che  
 ʌpa ən ʃei  
 his GEN dog  
 ‘His dog.’
399. Apa oun eiu  
 ʌpa ən iuʔ  
 his GEN field  
 ‘His field.’
400. Melotso oun paosaniu  
 melotshou ən pousiɲiu  
 boy GEN parents  
 ‘The boy’s parents.’

Konyak:

401. Tongwang jing nok  
 tonwʌŋ ʃin nok  
 tongwang GEN house  
 ‘Tongwang house.’

402. Teman nok  
 təman            nok  
 our                house  
 ‘Our house.’
403. Yha jing koiha  
 ja-ʃiŋ            koiha  
 her-GEN        dog  
 ‘Her dog.’
404. I jing kah  
 i-ʃiŋ            kaʔ  
 his-GEN        field  
 ‘His field.’
405. Naoshi-jing nyu-hei-pa  
 nauʃi- ʃiŋ        nju -hai -pa  
 boy GEN        mother and father  
 ‘The boy’s parents.’

Liangmai:

406. John gu peki  
 dʒɔn    gu    peki  
 john    GEN    house  
 ‘John’s house.’
407. Aliu ki  
 aliu    ki  
 our    house  
 ‘Our house.’
408. Pegu tethi  
 pegu    tet<sup>hi</sup>  
 his/her dog  
 ‘Her dog.’
409. Pegu chalu  
 pegu            tsəlu  
 his/her        field  
 ‘His field.’
410. We napiu pui- piu  
 wi    nɔpiu    pui - piu  
 s/he    boy    mother    father  
 ‘The boy’s parents.’

Lotha:

411. Nzamo ki  
nzamə ki  
nzamo house  
'Nzamo's house.'
412. Ete ki  
ete ki  
our house  
'Our house.'
413. Ompvü füro  
ɔmpfə fəɾə  
her dog  
'Her dog.'
414. Ompo li  
ɔmpə li  
his field  
'His field.'
415. Eboe roro ji opvü-opo  
eboi -rərə dʒi ɔpfə-ɔpə  
man-(little/small) DET mother-father  
'The boy's parents.'

Nthenyi:

416. John jen  
dʒən ʒɛ  
john house  
'John's house.'
417. Ethu jen  
itʰu ʒɛ  
our house  
'Our house.'
418. Ma ffü  
mʌ fi  
his/her dog  
'Her dog.'
419. Ma li  
mʌ li  
his/her field  
'His field.'



420. Pfüza nyipajja  
 pfiza nʲipʌʒʌ  
 boy parents  
 ‘The boy’s parents.’

Nzonkhwe:

421. John ka.  
 dʒɔn kʌ  
 john house  
 ‘John’s house.’

422. Ngun ka  
 n-gũ kʌ  
 our house  
 ‘Our house.’

423. Tenugi hi  
 tənugi hi  
 her dog  
 ‘Her do.’

Phom:

424. Chingyah-ei shem  
 tʃiŋja? -ai ʃʌm  
 chingyah -GEN house  
 ‘Chingyah’s house’.

425. Jen- ei shem  
 tʃen -ai ʃʌm  
 our -GEN house  
 ‘Our house.’

426. Pünyü-lei shie  
 pɪnjɪ -lai ʃi  
 her -GEN dog  
 ‘Her dog.’

427. Püpa- lei kah  
 pɪpa -lai ka?  
 his -GEN field  
 ‘His field.’

428. Baha-naü-einyü –he –pa  
 baha -naə -ai njə -hi -pa  
 man little -GEN mother –and –father  
 ‘The boy’s parents.’

Pochury:

429. Atho zhi azheh  
at<sup>h</sup>o zi aʒje<sup>h</sup>  
atho GEN house  
'Atho's house.'
430. E-zhiri azheh  
i -zi -ri aʒe  
our -GEN -PL house  
'Our house.'
431. Nyimzawa zhi ashuh  
njimzawa zi aʃu?  
her GEN dog  
'Her dog.'
432. Nyimpawa zhi akhuzhu  
njimpawa zi ak<sup>h</sup>uʒ<sup>h</sup>u  
his GEN field  
'His field.'
433. Nyimpawa zhi azahpari  
njimpawa zi aʒaʔpari  
boy GEN parents  
'The boy's parents.'

Sangtam:

434. Ali -yo kuh  
ali -jə ku  
ali GEN house  
'Ali's house.'
435. Ihsa -yo kuh  
isa -jə ku  
our -GEN house  
'Our house.'
436. Abi -yo fūza  
ʌpi -jə fəza  
her -GEN dog  
'Her dog.'

437. Abi –yo lu  
 ʌpi -jɔ lu  
 his -GEN field  
 ‘His field.’
438. Athreba -yo ata-aü  
 ʌtʰɿɛpʌ -jɔ ʌta-au  
 boy -GEN father-mother  
 ‘The boy’s parents.’

Sümi:

439. John- vu aki  
 dʒɔn- vu aki  
 john- GEN house  
 ‘John’s house.’
440. Ningu- vu aki  
 niŋu- vu aki  
 our- GEN house  
 ‘Our house.’
441. Li tsü  
 li tsə  
 her dog  
 ‘Her dog.’
442. Pa lu  
 pa lu  
 his field  
 ‘His field.’
443. Appu- vu apuh-aza  
 apu- vu apu-aza  
 boy- GEN Parents  
 ‘The boy’s parents.’

Yimchunger:

444. John yo thüyam  
 dʒɔn -jɔ tʰɛjʌm  
 john -GEN house  
 ‘John’s house.’

445. Isa yo thüyam  
isa -jə tʰəjɬam  
our -GEN house  
'Our house.'
446. Api yo yihnu  
abi -jə jiʔnu  
her -GEN dog  
'Her dog.'
447. Api yo thülu  
abi -jə thulu  
his -GEN field.  
'His field.'
448. Athürü yo baebuhrü  
atʰəɬə -jə pepuʔɬə  
boy -GEN mother father  
'The boy's parents.'

Zeme:

449. John ki  
dʒən ki  
john house  
'John's house.'
450. Anui ki  
anui ki  
our house  
'Our house.'
451. Pe toi  
pe toi  
his/her dog  
'Her dog.'
452. Pe lu  
pe lu  
his/her field  
'His field.'
453. Mipeuna pui -pei  
mipeuna pui -pei  
boy mother father  
'The boy's parents.'

Universal 4: (Post-position)

Chang:

454. Chimulo kho kham thika kia  
 ʃumulo˦ khə ka:m tʰikʌ kjʌʔ  
 pumpkin -DEF basket top -EXIST  
 ‘The Pumpkin is on the top of the basket.’
455. Chamban kho bülöngä haykakai  
 ʃambən khə bəloŋʌ hekʌkʌi  
 oranges DEF tree there  
 ‘The oranges are on the tree.’
456. Ngei thong satjang phanga hapei  
 ŋai təŋ sʌʃʌŋ phʌŋʌ hapai  
 i yam stool under see-PST  
 ‘I saw a yam under the stool.’
457. Yabok shong kham manga kia  
 jʌpək ʃoŋ ka:m mʌŋʌ kjʌʔ  
 rats PL baskets inside -EXIST  
 ‘The rats are inside the baskets.’
458. Kaibü thenyeka bhot kia  
 kʌibə theŋekʌ phət kjʌʔ  
 your face mole -EXIST  
 ‘There is a mole on your face.’

Chokri:

459. Lumishe e-no mürha pi lü ba  
 lʌmʌsʰe è-no méiʰa pì lʰ bá  
 pumpkin is basket top on EXIST  
 ‘The pumpkin is on top of the basket.’
460. Sühise- ko ubo lü ba  
 sʰhʌsʰe- kə ùbəʔ lʰ bá  
 orange- PL tree on EXIST  
 ‘The oranges are on the tree.’

461. I- e bine pü thüba khro ngo  
 ʔ- è bìnè p̃ thəbá khɔ́ ŋɔ́  
 i- ERG yam on stool under saw  
 ‘I saw a yam under the stool.’
462. Thüzo- ko mürha lü lü ba  
 th̃zɔ̀- kɔ́ m̃hã l̃ l̃ bá  
 rat- PL basket inside in EXIST  
 ‘The rats are inside the basket.’
463. Nlhü yo rüpkra pü ba  
 ñlh̃ jɔ́ .ɔ̀p̃kɪá p̃ bá  
 your-face on mole one EXIST  
 ‘There is a mole on your face.’
- Khezha:
464. Rhamu nü melhe patube  
 rhēmú nō mēlhé pàtù bè  
 pumpkin is basket top EXIST  
 ‘The pumpkin is on top of the basket.’
465. Methiche- ro tshübo-ü be  
 mēthítshè- .ɔ́ ʃhəbò -ə bè  
 orange PL tree-DEM EXIST  
 ‘The oranges are on the tree.’
466. Nyi dzünu mhebe khrolu be ngu  
 ɲi dz̃ñ m̃hēbē khɔ́lɔ́ bè ɲú  
 i yam stool under EXIST saw  
 ‘I saw a yam under the stool.’
467. zhu -ro melhe lulo be  
 zú - .ɔ́ mēlhé lúlɔ́ bè  
 rat - PL basket inside EXIST  
 ‘The rats are inside the basket.’
468. Lebu kele nomhu phe be  
 lèbù kèlè ñm̃h̃u phe bè  
 mole one face on there  
 ‘There is a mole on your face.’

Khiamniungan:

469. Thoichem nou kim chi-ai  
 thoitsem nɔ kim tʃhi-ai  
 pumpkin DET basket top-LOC  
 ‘The pumpkin is on top of the basket.’
470. Oranges nou pai chi-ai  
 makai nɔ pai tʃhi-ai  
 oranges DET tree on-LOC  
 ‘The oranges are on the tree.’
471. Ngo leng nou noikham khemai-em  
 ŋɔ leŋ nɔ nɔikhɬam khem ai-e:m  
 i yam DET stool under in-saw  
 ‘I saw a yam under the stool.’
472. Sam sao-nüso kim khem-ai  
 sɬm sau-nəsou? kim khem-ai  
 we rat-PL basket inside-in  
 ‘We rats are inside the basket.’
473. Akha chi-ai chut nou noin  
 ɬkha tʃhi-ai tʃhut nɔ noin  
 you face on-LOC mole DET EXIST  
 ‘There is a mole on your face.’

Konyak:

474. Manlong-a küm dang-me ngoh-nang  
 manloŋ -a kʰəm tɬŋ-mə ŋɔʔ-nɬŋ  
 pumpkin DEM basket top-LOC have PRS  
 ‘The pumpkin is on top of the table.’
475. Tanyin-lan-a pee dang-me ngoh-nang  
 tɔni:n -lan -a pi tɬŋ-mə ŋɔʔ-nɬŋ  
 orange -PLU -DEM tree top LOC have-PRS  
 ‘The oranges are on the tree.’
476. Tao-e shotjing phang-me teang nge  
 tau-ə sɔtʃiŋ pʰaŋ -mə tɛ:ŋ ŋi  
 i -ERG stool under LOC yam PST  
 ‘I saw a yam under the stool.’

477. Yuh-lan-a küm mang-me ngoh-nang  
 juʔ -lan -ə k<sup>h</sup>əm mɔŋ -mə ŋəʔ-nɔŋ  
 rat PL -ERG baskets inside DET have PRS  
 ‘The rats are inside the basket.’

478. Nang sheta-me yimpuvüjak ngoh-nang  
 nɔŋ sita-mə jimpuvəŋʃak ŋəʔ-nɔŋ  
 your face DET moles have PRS  
 ‘There is a mole on your face.’

Liangmai:

479. Chamampum ze chara ri ga bam boi  
 tsɔma:mpum zi tsəra: ri ga bɔm bɔi  
 Pumpkin GEN basket top on EXIST SFM  
 ‘The pumpkin is on top of the basket.’

480. Pantarashi rumai singbang ga bam - boi  
 pəntəra:si ɹumai siŋbɔŋ ga bɔm - bɔi  
 orange GEN tree on EXIST SFM  
 ‘The oranges are on the tree.’

481. E kabipui chabam hanga ngau - ye  
 i kəbipui tsɔbɔm hɔŋgɔ ŋau - we/  
 I yam stool under see - PST  
 ‘I saw a yam under the stool.’

482. Taza rumai chara lungki ga bam boi.  
 təza: ɹumai tsəra: luŋki gɔ bɔm bɔi  
 rat GEN basket inside on EXIST SFM  
 ‘The rats are inside the basket.’

483. Nang ju ga nkinpum bam boi  
 nɔŋ zu ga nk<sup>h</sup>inpum bɔm bɔi  
 your face on mole EXIST SFM  
 ‘There is a mole on your face.’

Lotha:

484. Emhathi ji jo tzungtzüro ji poni lia  
 emhat<sup>h</sup>i ʃi ʃə tsəŋtsəro ʃi poni lia  
 pumpkin DET DEM basket DET top EXIST  
 ‘The pumpkin is on the top of the basket.’



485. Konken jiang jo otongi mpata  
 kɔnken tʃiɑŋ tʃɔ ɔtɔŋi mpɑtɑ  
 orange plural DEM tree have  
 ‘The oranges are on the tree.’
486. Ana evan ji küpi na mani hüngcho  
 a-na evɑn tʃi kəpi -na mɑni həŋ-tʃʰɔ  
 I-NOM stool DET under-LOC yam see-PST  
 ‘I saw a yam under the stool.’
487. Lümtsük jiang tzüngtzüro ji chongi vana  
 læmtsək tʃiɑŋ tsəŋtsəɾɔ tʃi tʃʰɔŋi -vɑnɑ  
 rat plural basket DET inside- LOC  
 ‘The rats are inside the basket.’
488. Ni mha jilo tsüngon mpata  
 ni mʰɑ tʃilɔ tsəŋɔn mpɑtɑ  
 your face there mole have  
 ‘There is a mole on your face.’

Nthenyi:

489. Axxami ashejüü miwi pen  
 ʌfia:mi aSiʒi miwi pɛ̃  
 Pumpkin basket above EXIST  
 ‘The pumpkin is on top of the basket.’
490. Akekeen matoon wipen  
 ʌkikɛ̃ mɑtɔ̃ wipɛ̃  
 oranges tree on-EXIST  
 ‘The oranges are on the tree.’
491. Hi pala kezhüpen chakhowi abe mvü/mo  
 hi pɑlɑ kiʒipɛ̃ tʃakʰuwi ʌpi mvə/mo  
 I things table under yam see.PST  
 ‘I saw a yam under the stool.’
492. Ameerjü khan ashejüü ntuku pen  
 ʌmiʒi~ khʌ~ ʌʃiʒi~ ntuku pɛ̃  
 rat PL basket inside EXIST  
 ‘The rats are inside the basket.’
493. N - mewi akeza pen  
 n - mi:wi ʌkeza pɛ̃  
 your -face mole EXIST  
 ‘There is a mole on your face.’

NZONKHWE:

494. Rhümvü le lokhu pesun ka bin  
 ɾʰəm̩və le ləkʰə pisũ kʌ bĩ  
 pumpkin DET basket top on EXIST  
 ‘The pumpkin is on top of the basket.’
495. Khentere le senbin ge bin  
 kʰentere le sə̃bĩ gẽ bĩ  
 oranges DET tree on EXIST  
 ‘The oranges are on the tree.’
496. Ale jur le miz hensin ka hyü  
 ʌle d͡ʒəi le mis hẽsĩ kʌ hy  
 I yam DET stool under DET see.PST  
 ‘I saw a yam under the stool.’
497. Tepvü denle lokhü nyunki bin  
 təpfə dənle ləkʰə ñuki bĩ  
 rat PL basket inside EXIST  
 ‘The rats are inside the basket.’
498. Tezen le nmhun ka bin  
 təzə̃ le ñmhú kʌ bĩ  
 mole DEF your face is on  
 ‘There is a mole on your face.’

Phom:

499. Thuongyaü shemha shang-kunyüke  
 tʰoŋjəʊ ʃʌmha ʃʌŋ -kə ɲiike  
 pumpkin -basket top -LOC have  
 ‘The pumpkin is on the top of the table.’
500. Hangpao-thü pü- ei nyüke  
 hʌŋpau -tʰi pi -ai ɲiike  
 orange -PL tree on exist  
 ‘The oranges are on the tree.’
501. Ngei-I duong oushing phangei e-peih  
 ŋai tu:ŋ uʃŋ pʰaŋai i -peiʔ  
 I yam stool under see -PST  
 ‘I saw a yam under the stool.’
502. Yüphüh-thü shemha mongei nyüke  
 jipʰiʔ -tʰi ʃʌmha mɔŋai ɲiike  
 rat -PL basket inside exist  
 ‘The rats are inside the basket.’

503. Niüing-ei thee kü aphom njüke  
 niŋ-ai t<sup>h</sup>ei kə ap<sup>h</sup>əm jüike  
 you-POS face LOC mole have  
 ‘There is a mole on your face.’

Pochury:

504. Khurni thuoji table azhupo-vü be-veh  
 k<sup>h</sup>urni t<sup>h</sup>uŋi table aʒupə -və pe -ve  
 pumpkin DEM table top -on EXIST-PRS  
 ‘The pumpkin is on top of the table’.

505. Aluoshi-ri thuoji atsohji rüki vü be ve  
 aluʃə-ri t<sup>h</sup>uŋi ats<sup>h</sup>oŋi rəki -və pe -ve  
 orange-PL DEM tree on -on EXIST-PRS  
 ‘The oranges are on the tree.’

506. Hi-nüh abea ape amükalo ngu-nü  
 hi-nə ape ape amika-lə ŋu-nə  
 I-NOM yam stool under-LOC see-PST  
 ‘I saw a yam under the stool.’

507. Amüzhü-ri thuoji amülo alovü tüveh  
 aməʒə-ri t<sup>h</sup>uŋi amilo alovə təve  
 rat-PL DEM basket inside have  
 ‘The rats are inside the basket.’

508. Azanyi noh nyie rüki vü be veh  
 azanji no nji e.ɾəki -və pe -ve  
 mole your face on -LOC EXIST-PRS  
 ‘There is a mole on your face.’

Sangtam:

509. Apherü tsü loh micha kehle  
 ap<sup>h</sup>e.ɾə tsə loʔ mi-ŋ<sup>h</sup>ʌʔ keʔle  
 pumpkin DET basket top-on EXIST  
 ‘The pumpkin is on the top of the basket.’

510. Naringti tsü adong cha sile  
 nɿ.ɿŋti tsə atəŋ ʃ<sup>h</sup>ʌʔ sile  
 oranges-PL DET tree on EXIST  
 ‘The oranges are on the tree.’

511. Ih -nü stool pohke panu ngucho-e  
 I -nə stu:l poʔki panu ŋu-ʃhə  
 ISG -NOM stool under yam see-PST  
 ‘I saw a yam under the stool.’
512. Yongmüzati tsü loh pohke lile  
 joŋməzΛ-ti tsə ləʔ poʔki li-le  
 rat -PL DET basket under -EXIST  
 ‘The rats are inside the basket.’
513. Nü rome -la yingchü lile  
 nə .ɔmi -la jɪŋʃhə li-le  
 your face -LOC mole -EXIST  
 ‘There is a mole on your face.’

Sümi:

514. Ahengu ye ashoghi shou ani  
 aheŋu je aʃɔyɔi ʃou ani  
 pumpkin NOM basket on-top EXIST  
 ‘The pumpkin is on top of the basket.’
515. Müsüthi- qo ye asübo lo ani  
 məsəthi- qo je asəbɔ lo ani  
 orange- PL NOM tree on EXIST  
 ‘The oranges are on the tree.’
516. I- no alakhü qholo achuchu ithulu  
 i- no alak<sup>hə</sup> ʃolo aʃuʃu ithulu  
 I NOM stool under yam saw  
 ‘I saw a yam under the stool.’
517. Aji- qo ye ashoghi alou ani  
 aʒi- qo je aʃɔyɔi alou ani  
 rat- PL NOM basket inside EXIST  
 ‘The rats are inside the basket.’
518. Ogi lo chichipu ani  
 oʒi lo ʃiʃiʃi pu ani  
 your-face on mole there  
 ‘There is a mole on your face.’

Yimchunger:

519. Jimüru ju muluk mikheak lah  
ʃimuuə dʒu muluk miʔ-khiək laʔ  
pumpkin DET basket on -top -EXIST  
'The pumpkin is on the top of the basket.'
520. Orange ju atung-kheak kih-lah  
orange dʒu atuŋ-khiək kiʔ-laʔ  
orange DET tree-top EXIST  
'The oranges are on the tree.'
521. i nü benu pinkie alunglim angukheah  
i-nə pinu piŋkiu aluŋlim aŋə-khiək  
I-ERG yam stool under see-PST  
'I saw a yam under the stool.'
522. Phinu muluk alunglim lah  
phiʔnu muluk aluŋlim laʔ  
rats basket inside EXIST  
'The rats are inside the basket.'
523. Nü jak ching mihkhit lah  
nə ʃak ʃhiŋ miʔkhiʔ laʔ  
your face on mole -EXIST  
'There is a mole on your face'.

Zeme:

524. Aipau hemadeh marak poiroi bam  
aiɾau hema: de maɾak poiɾoi bam  
DET pumpkin DET basket top EXIST  
'The pumpkin is on top of the basket.'
525. Aipau keheachi de pebang ni bam  
aiɾau keheitsi de pebaŋ ni bam  
the orange DET tree on EXIST  
'The oranges are on the tree.'
526. I heboi mabam kang ngau  
i heboi maɾbam kaŋ ŋau  
I yam stool under see.PST  
'I saw a yam under the stool.'

527. Aipau hezah dungdeh marak lung bam  
 ʌɪpʌu hezʌ duŋde mʌrʌk luŋ bʌm  
 DET rat PL basket inside EXIST  
 ‘The rats are inside the basket.’

528. Nzu ni nkem bam  
 nzu ni nkem bʌm  
 your face on mole EXIST  
 ‘There is a mole on your face.’

Universal 5: adjectives

Chang:

529. Ngei büyanghek saman hapbei  
 ŋəi bujʌŋhek sʌmʌn hap-pai  
 ISG jackfruit ripe see-PST  
 ‘I saw the ripe jackfruits.’

530. Nai saklangbü kho kaneibu yingkai  
 nəi sʌklʌŋbø khø kʌnʌibø jɪŋkai  
 shawls red DET us belong  
 ‘The red shawls belongs to us.’

531. John to phe linbü maikoda  
 john -tʌu pʰe linbø miku-tʌ  
 john -NOM meat smoked like-PRS  
 ‘John likes smoked pork.’

532. Hao ei haijubü lakan shaoukai  
 hʌu -ʌi hʌiʃʌpø la:kən ʃau-kʌi  
 he -ERG sour gooseberries eat-PST  
 ‘He ate the sour gooseberries.’

Chokri:

533. E-e kotharse pü mütsü ngole  
 ɨ- è kòthársé p̃t̃ mət̃s̃ə̃ ŋó̃lè  
 I NOM jackfruit one ripe saw  
 ‘I saw the ripe jackfruits.’

534. Khü kümüre tsü ukoza le  
 khw̃i k̃m̃t̃iɛ tsə̃ úk̃ə̃ zà lè  
 shawl red this our belong DECL  
 ‘The red shawl belongs to us.’

535. Yi küzho- ko  
jí kʰzɔ́- kɔ́  
field big PL  
‘The big fields.’
536. Johne-no thüvo shi unü ri yo  
dʒɔn- è-no thəvɔ́ ʃhì ùnə́ rì jɔ́  
john- NOM pig meat likes INT HAB  
‘John likes smoked pork.’
537. Pü söswünuse kukhro ko ti te  
pə sʰʃúnusé kʰʃɔ́- kɔ́ tì té  
he gooseberry sour- PL eat. PST  
‘He ate the sour gooseberries.’

Khezha:

538. Nyi kothal ro muzü ngu  
ɲi kɔ́thál ɾɔ müzə́ ŋù  
I jackfruit PL ripe saw  
‘I saw the ripe jackfruits.’
539. Ra keha ro aro- we  
rà kàhá ɾɔ àɾə́- wè  
shawl red PL our- POSS  
‘The red shawl belongs to us.’
540. Lo kadu ro  
lə kədú ɾɔ  
field big PL  
‘The big fields.’
541. John- ni votshü take nyi  
dʒɔn- ní vɔ́tʃə́ təké ɲì  
john- NOM pork smoked like  
‘John likes smoked pork.’
542. Pu- nü küluche khrometsüzü to da  
pü- ní kəlütshé khròmètsə́zə́ tɔ́ dà  
he- NOM gooseberries sour ate PST  
‘He ate the sour gooseberries.’

Khiamniungan:

543. Ngo polong nou ashem em  
 ŋo pɔlɔŋ nɔ ʌʃem em  
 I jackfruits DET ripe saw  
 ‘I saw the ripe jackfruits.’
544. Napat asheng nou sam oun  
 nepʌt ʌʃiŋ nɔ sʌm ɔn  
 shawl red DET us belong  
 ‘The red shawl belongs to us.’
545. Eiu asong nou  
 iuʔ ʌsɔŋ nɔ  
 field big DET  
 ‘The big fields.’
546. John üh yah neh von nou(can drop) aiu  
 dzon əʔ jʌh je wɔn nɔ aiu  
 john ERG pig meat dry DET like  
 ‘John likes smoked pork.’

Konyak:

547. Tao-e peeyong-lan yim-ye nge-yangke  
 tau-ə piʝɔŋ- lan jim- məŋi- jʌŋki  
 I ERG jackfruit PL ripe LOC see -PST  
 ‘I saw the ripe jackfruit.’
548. Innye ütək-lan-a teman jing  
 inpi ʌtʌk-lan- a təman ʃiŋ  
 shawl red -PL DEM we GEN  
 ‘The red shawls belong to us.’
549. Kah üyong pu -lan  
 kʌʔajɔŋ pu -lan  
 Field big PL  
 ‘The big fields.’
550. Liyan-e aak-mei wanyang-e leang-nang  
 lijan -ə ʌk-mai wanʝʌŋ-ə le:ŋ-nʌŋ  
 liyan ERG pig-meat smoked -ERG like PRS  
 ‘Liyan likes smoked pork.’



551. i – e phang shipu -lan ha-yangke  
 i-ə p<sup>h</sup>aŋ sɿppu -lan haʔ-jɿŋki  
 he ERG gooseberry sour -PL eat -PST  
 ‘He ate the sour goose berries.’

Liangmai:

552. E keminbu nzwangshi ngau - ye  
 I kiminbu nzwɿŋsi ŋau-we  
 I ripe jackfruit see-PST  
 ‘I saw the ripe jackfruits.’
553. Keheng bu chapai ze aliu gu ye  
 keheŋ bu tsɿp<sup>h</sup>ai ze aliu gu we  
 red DEF shawl DET us belong ours  
 ‘The red shawl belongs to us.’
554. Chalu kedi bu  
 tsəlu kədi bu  
 field big PL  
 ‘The big fields.’
555. John peningye chemi keki bu  
 dʒən pəniŋje tsəmi keki bu  
 john likes meat smoked PL  
 ‘John likes smoked pork.’
556. Pa namtalaoshi kekheing - bu tiu boi  
 pɿ nɿmtɿlaosi kək<sup>h</sup>iəŋ - bu tiu bəi  
 s/he gooseberries sour - PL eat SFM  
 ‘He ate the sour gooseberries.’

Lotha:

557. Ana konken emhen jiang hüngcho  
 a-na kənken em<sup>h</sup>en tʃiəŋ həŋ-tʃə  
 I-NOM orange ripe PL see-PST  
 ‘I saw the ripe mangoes.’
558. Osü emyon jiang jo ete echi  
 ɔsə emjən tʃiəŋ tʃə ete eʃ<sup>h</sup>i  
 shawl red PL DET us POSS  
 ‘The red shawls belong to us.’

559. Oli tsüphov jiang  
 ɔli tsəp<sup>həv</sup> ʃiΛŋ  
 field big plural  
 ‘The big fields.’
560. Ompo na jükithi ethem jiang tso cho  
 ɔmpɔ-na ʃəkithi et<sup>h</sup>em ʃiΛŋ tsɔ-ʃ<sup>h</sup>ɔ  
 he-NOM gooseberry sour plural eat-PST  
 ‘He ate the sour gooseberries.’

NTHENYI:

561. Hi aketsau kenien mvü/mo.  
 hi Λkitsau kine mvə/mo  
 I fruit ripe see-PST  
 ‘I saw the ripe fruits.’
562. Ali ketsü khan  
 ʌli kitsi k<sup>h</sup>Λ<sup>~</sup>  
 field big PL  
 ‘The big fields.’
563. John asa kemequi manen  
 dʒɔn ʌsa kimiki mΛnə  
 john meat smoked like  
 ‘John likes smoked pork.’
564. Ma ashülikisi tsa- dha  
 mʌ ʌʃəli kisi tsʌ - t<sup>h</sup>ʌ  
 s/he gooseberries sour eat - PST  
 ‘He ate the sour gooseberries.’

NZONKHWE:

565. Alekothar le nyünkela hyü  
 ʌle kɔthar le ñenkəɫ hy  
 I jackfruit PL ripe see  
 ‘I saw the ripe jackfruits.’
566. Kebenphi kehonkali ngun hon.  
 kʌbeñphi kʌhɔ<sup>~</sup> kali n-gũ hõ  
 shawl red DET ours belongs  
 ‘The red shawl belongs us.’

567. Low keda den  
 lɔ kədɔ dən  
 field big PL  
 ‘The big fields.’
568. John le tebokenko le a kenyü.  
 dʒɔn le tɛbəkəŋkɔ le ʌ kənə  
 John NOM pork dry DEF like  
 ‘John likes smoked pork.’

Phom:

569. ngeiI plong shüm thü e- peih  
 ŋaj-i plɔŋ ʃəm -tʰi i- peiʔ  
 I-ERG Jackfruit ripe -PL see -PERF  
 ‘I saw the ripe jackfruits.’
570. Ha ashak hakla thü yüjen-ei  
 ha aʃak hakʔla -tʰi jəʃjɪn -ai  
 this shawl red PL us -POS  
 ‘This red shawls belong to us’.
571. Longpü kah- thü  
 lɔŋpɪ kaʔ -tʰi  
 big field -PL  
 ‘The big fields.’
572. Chingyah i ok phai van üm-nyeih  
 tʃɪŋjaʔ -i ɔk pʰai ʋan lɪm -ŋeʔ  
 chingyah -ERG pig meat like -HAB  
 ‘Chingyah likes smoked pork.’
573. Püpa- i thiyok kaiphangjök- thu hah- peih  
 pɪpa -i tʰijɔk kaipʰaŋʃɔk -tʰi haʔ -peiʔ  
 he -NOM sour gooseberry -PL eat -PERF  
 ‘He ate the sour gooseberries.’

Pochury:

574. Hinüh jiekhuti-ri aküne ngu-nü  
 hi-nə ʃikʰuti-ri akɪne ŋu-nə  
 I-NOM jackfruit-PL ripe see-PST  
 ‘I saw the ripe jackfruits.’

575. Atshüri kümüru veh thuoji ehzhi-ri  
 ats<sup>hə</sup>-i      kimiu-ve      t<sup>h</sup>uʃi      izi-ri  
 shawl-PL      red-DET      DEM      POS-PL  
 ‘The red shawl belongs to us.’
576. Azhuhri aküji  
 aʒu-i      akəʃi  
 field-PL      big  
 ‘The big fields.’
577. Atho thuoji awu-sakawa lo-mü  
 at<sup>h</sup>o    t<sup>h</sup>uʃi    awu-sa      kawa      lo-mə  
 Atho    DEM    pig-meat      smoked      like-PRS  
 ‘Atho likes smoked pork.’
578. Nyimpawa nü suorüzü-ri aküso tsa-thuo  
 njimpawa-nə    surəzə-i      akisu    tsa-t<sup>h</sup>uo  
 he-NOM      gooseberry-PL    sour    eat-PST  
 ‘He ate the sour gooseberries.’

Sangtam:

579. Ih nü balung anyecho ngucho-e  
 i    - nə      pɔluŋ      ʌŋjiʃhə      ŋu-ʃhəe  
 ISG -NOM    jackfruits    ripe      see-PST  
 ‘I saw the ripe jackfruits.’
580. Shü amohti tsü ihsayo-e  
 ʃə      ʌməʔ ti      tsə    isʌjə-e  
 shawls    red PL    DET    belongs  
 ‘The red shawls belong to us.’
581. Lu amü lalah  
 lu      ʌmə lɔlɔʔ  
 fields      big  
 ‘The big fields.’
582. Johnnü shükashu ahacho lümsare  
 dʒən-nə      ʃəkʌʃu    ʌhʌʃhə    ʌmsə-je  
 john-NOM      pork      smoked    like-HAB  
 ‘John likes smoked pork.’
583. Abinü kiyongsi aseh tsuko  
 ʌpi-nə      kijunsi      ʌsi    tsu-k<sup>h</sup>ə  
 he-NOM    gooseberries    sour    eat-PRS  
 ‘He ate the sour gooseberries.’

Sümi:

584. I- no khaghathi-akijeu nive keqo ithulu  
 i-nə k<sup>h</sup>ayathi-akidzeu nive keqo ithulu  
 I-NOM jackfruit ripe- DET saw  
 ‘I saw the ripe jackfruits.’
585. Hekuuphi huchuyi keqo ye ningu- vu  
 heku:phi huʃui keqo je niŋu- vu  
 shawl red DET Marker our- POSS  
 ‘The red shawls belong to us.’
586. Alu kije- keqo  
 alu kidze- keqo  
 field big- DET  
 ‘The big fields.’
587. John ye awoshi pikivekeu alo cheni  
 dʒɔn je awoʃi pikivekeu alo ʃeni  
 john NOM pork smoked like PRS  
 ‘John likes smoked pork’.
588. Pano kholethi qhimpoi keqo chu va  
 pa- nə kholethi ʃimpoi: keqo ʃu va  
 he- NOM gooseberry sour PL eat- PST  
 ‘He ate the sour gooseberries.’

Yimchunger:

589. I nü mihtsapaso müna angukheak  
 i -nə miʔsapaso müna aŋi-khiak  
 ISG -ERG jackfruit ripe see-PST  
 ‘I saw the ripe jackfruits.’
590. Kheim amürüm ju isa yo-a  
 khi:m aməɾəm-ʃu isa jɔ-a  
 shawl red -DET us belong  
 ‘The red shawls belongs to us’.

591. Thülu ato  
 thulu ato  
 fields big  
 ‘The big fields.’
592. John nü shih phukung-khi mürüh lah  
 dʒɔn -nə ʃiʔ pʰukʊŋkʰi m̩i.ɪh -laʔ  
 john -NOM pork smoked like-DES  
 ‘John likes smoked pork.’
593. Api nü tsüniungaso asan tsüh-kheah  
 abi -nə tsəʔɲiunasɔ asan tsiʔ-khiak  
 he -NOM gooseberries sour eat-PST  
 ‘He ate the sour gooseberries.’

Zeme:

594. I kotalchi deh moi he ngau dah  
 I kutɔlʃi de moi e ŋau - dɔ  
 I jackfruit PL ripe DET see - PST  
 ‘I saw the ripe jackfruits.’
595. Aipau paikegiedah anui gu  
 ɔipɔu pɔi kege - de ɔnui gu  
 DET shawl red -DEF us belongs  
 ‘The red shawl belongs to us.’
596. Helo kedi deh  
 helo kedi de  
 field big DEF  
 ‘The big fields.’
597. John heteu keki pesui zo  
 dʒɔn heteu keki pesui zoi  
 john meat dry like HAB  
 ‘John likes smoked pork.’

Universal 7: Adverbial

Chang:

598. Sao pantaiko paida  
 sɔu panteko pai-tɔ  
 she fast walk-PRS  
 ‘She walks fast.’

599. Nyi eibou panteko shouda  
 ŋi ʌibʌu panteko ʃou-da  
 you too quickly eat-PRS  
 ‘You are eating too quickly.’

600. Nashou kho khang hapbei  
 naʃou khɔ kʌŋ ha:pʌi  
 baby -DEF loudly cry-PST  
 ‘The baby cried loudly.’

601. Hao onlinko langkai  
 haʌu olinko la:ŋkʌi  
 he happily run-PST  
 ‘He ran happily.’

Chokri:

602. Pü ta mütso ri yo  
 pə tə mʉtsɔ̄ rì jɔ̄  
 she walk fast INT HAB  
 ‘She walks fast.’

603. No mhati mütso ri te ho  
 nɔː mʉtʰi mʉtsɔ̄ rì tɛː hɔ̄  
 you eat quickly INT PROG DECL  
 ‘You are eating too quickly.’

604. Onganye kra mütso ri te  
 Ũŋáne kɾä mətɔː rí tɛ  
 baby cry loudly INT PERF  
 ‘The baby cried loudly.’

605. Pü unü ri ta te  
 pə ùnəː rì tá tɛ  
 he happily INT ran PERF  
 ‘He ran happily.’

Khezha:

606. Pu- ni te mhemhe  
 pü- ní tɛ mʉmʉhɛ  
 she- NOM walk fast  
 ‘She walks fast.’

607. No- ni mheto melho- a  
 n̄- ní mhètô mèlhoã  
 you are eating quickly  
 ‘You are eating too quickly.’

608. Nucü- ni kre lekuo-a  
 núʦ̄- ní kɾé lèkúɔã  
 baby- NOM cry loudly  
 ‘The baby cried loudly.’

609. Pu- ni thuru te da  
 p̄- ní thúrù tè d̄ã  
 he- NOM happily run PST  
 ‘He ran happily.’

Khiamniungan:

610. Apa khaulaoko keiji  
 ʌpa khaulauko keî-ʦ̄i  
 she fast walk-PRS  
 ‘She walks fast.’

611. Nei shak shak ta heji  
 ni ʃʌk ʃʌk t̄ã hêʦ̄i  
 you quickly quickly eat  
 ‘You are eating too quickly.’

612. Methso nou tshoko shap  
 Methso n̄ thsouko ʃa:p  
 baby DET loudly cried  
 ‘The baby cried loudly.’

613. Apa monglingku jing  
 ʌpa moŋleŋk̄ə ʦ̄ieŋ  
 he happily ran  
 ‘He ran happily.’

Konyak:

614. Yha-e mum-se kem-nang  
 ja-a m̄m̄se kem-nʌŋ  
 she -DEM fast walk -PRS  
 ‘She walks fast.’



615. Nang-e jümloi-se mum-e hah-nanke  
 nɒŋ-ə ʃəmloise mɒmə haʔ-nɒŋki  
 you -ERG too quick eat -PROG  
 ‘You are eating too quickly.’
616. Naotak üngwen-e shap-yangke  
 nautɒk əŋvən-e sɒp-jɒŋki  
 baby loud cry PST  
 ‘The baby cried loudly.’
617. I – e mongmei-shei-e phet-yangke  
 i- ə mɒŋmaisaie pʰət- jɒŋki  
 he -ERG happily runs- PST  
 ‘He runs happily.’

Liangmai:

618. Pa ta nzad boi  
 pɒ tə nzɒd boi  
 s/he walk fast SFM  
 ‘She walks fast.’
619. Nang tiu nzad zu ye  
 nɒŋ tiu nzɒd zu we  
 you eat quick too PROG  
 ‘You are eating too quickly.’
620. Ngena kab tan zu ye  
 ŋʷena kɒb tɒn zu we  
 Baby cry loud MODF PST  
 ‘The baby cried loudly.’
621. Pa pechunwe za pane  
 pɒ pətɕunwi za pa:ne  
 s/he happy MODF run-PST  
 ‘He ran happily.’

Lotha:

622. Ompvüo ekhyolaka tsala  
 ɔmpfo ekʰjɔlɒkɒ tsɒ-la  
 she fast walk-PRS  
 ‘She walks fast.’

623. Nino elum ekhyolaka tsoa vana  
 Ni-no elam ek<sup>h</sup>jɔlakɔ tsɔa-vanɔ  
 you-NOM very quickly eat-PROG  
 ‘You are eating too quickly.’

624. Ngaro ro jina ekhyoto kya cho  
 ŋarɔ -rɔ ʃina ek<sup>h</sup>jɔtɔ kjɔ-ʃ<sup>h</sup>ɔ  
 child – small DET loudly cry-PST  
 ‘The baby cried loudly.’

NTHENYI:

625. Ma chwien/wanwan alen tsenden  
 mɔ ʃuẽ / wɔwã: ɔli tsen-tẽ  
 s/he fast/quick walk -MODF  
 ‘She walks fast.’

626. Na npheyi ntsa tsa - pen  
 nɔ nphi: ntsa tsɔ - pẽ  
 you quick MODF eat - PROG  
 ‘You are eating too quickly.’

627. Ma nonghe - ntsa bvü  
 mɔ nouɛ - ntsa pfi  
 he happy - MODF run-PST  
 ‘He ran happily.’

NZONKHWE:

628. Nle tyü nmhe – sa binyu  
 nle tɔ nmhi - sɔ biŋu  
 you eat quick – MODF PROG  
 ‘You are eating too quickly’.

629. Nyuhonyu gü le chü gin - sa  
 ñuhõŋu gɔ le ʃɔ gĩ - sɔ  
 baby DET NOM cried loud - MODF  
 ‘The baby cried loudly.’

Phom:

630. Pünyü shülangi kam  
 pinji ʃɔlanji kɔm  
 she fast walk  
 ‘She walks fast.’

631. Niüng-i longi shülangi hah-nyüke  
 nəŋ -i ləŋi ʃəlaŋai haʔ -ŋiike  
 You -ERG too fast eat -PROG  
 ‘You are eating too quickly.’

632. Naü wongmü thep- peih  
 nai ʋəŋmə tʰəp -peiʔ  
 baby loudly cry -PERF  
 ‘The baby cried loudly.’

633. Püpa mongaong- shi mok  
 püpa məŋəŋ -ʃi mək  
 he happy - MOD ran  
 ‘He ran happily.’

Pochury:

634. Nyimzawa zhezeta tse-veh  
 Njimzawa zəzeta tze-ve  
 she fast walk-PRS  
 ‘She walks fast.’

635. Noh-nü zhezeta tsa-veh  
 No-nə zəzeta tsa-ve  
 you-NOM fast eat-PRS  
 ‘You are eating too quickly.’

636. Atsa-kürüniwa ziezie-nü krie-thuo  
 Atsa-kəʀəniwa ze:zenə krie-tʰu  
 baby-small loudly cry-PST  
 ‘The baby cried loudly.’

637. Nyimpawa lozhe-kenü zhü-thuo  
 Njimpawa ləzhe-kenə zə-tʰu  
 he happy run-PST  
 ‘He ran happily.’

Sangtam:

638. abi zah zah rachere  
 ʌpi zʌʔ zʌʔ ɿʌʃʰi-ɿe  
 she fast fast walk-HAB  
 ‘She walks fast.’

639. nü khatang zah zah tsuyale  
 nə kʰʌtʌŋ zʌʔ zʌʔ tsu-jʌle  
 you too quick quick eat-PRS  
 ‘You are eating too quickly.’

640. akhunga tsü azinü trako  
 akʰuŋa tsə azinə tʰa-kʰə  
 baby DET loudly cry-PRF  
 ‘The baby cried loudly.’

641. abi khünyangnü shangcho-e  
 ʌpi kəŋʌŋ - nə ʃʌŋ-tʃhə  
 he happily -NOM run-PST  
 ‘He ran happily.’

Sümi:

642. Li- no züzüshi alache  
 li- nə zəzəʃi ʌʌʃe  
 she- NOM fast-fast walk  
 ‘She walks fast.’

643. No ye ta papai chu ani  
 nə je ta papai: ʃu ani  
 You NOM too quickly eat PROG  
 ‘You are eating too quickly.’

644. Anga- no ighaqa  
 aŋa- nə eŋa qa  
 baby- NOM loud cry  
 ‘The baby cried loudly.’

645. Pa- no alokivishi po  
 pa- nə ʌləkiviʃi pə  
 he- NOM happily ran  
 ‘He ran happily.’

Yimchunger:

646. api nah nah tsa-choh  
 abi naʔ naʔ tsaʔ-tʃhəʔ  
 he fast fast walk-PRS  
 ‘She walks fast.’

647. nü khide nah nah tsühchoh  
 nə k<sup>h</sup>ide na? na? tsa-ʃho?  
 you too quickly eat-PRS  
 ‘You are eating too quickly.’
648. api asüh-de alihkheah  
 abi asi?de ali?-khiak  
 he happily run-PST  
 ‘He ran happily.’

Zeme:

649. Pa teh nzet la  
 pʌ te nzet lʌ  
 she walks fast MODF  
 ‘She walks fast.’
650. Nang au teu nzet zu  
 nʌŋ ʌu teu nzet zu  
 you are eat quick very  
 ‘You are eating too quickly.’
651. Ngina hap nteu zu.  
 ŋinʌ hʌp nteu zu  
 baby cry loud very  
 ‘The baby cried loudly.’
652. Pa pesuiyhepak.  
 pʌ pəsui: iepʌk  
 he happy run  
 ‘He ran happily.’

Universal 9: Question particles

Chang:

653. Nyi ei shaumang sühda?  
 ŋi ʌi ʃaumʌŋ səda  
 you what eat want  
 ‘What do you want to eat?’
654. Nyi lan kida?  
 ŋi la:n kitʌ  
 you what live  
 ‘Where do you live?’

655. nyi eila khau-angda?  
 ŋi ɬilɬ khɬu-a:ŋtɬ  
 you what angry getting  
 ‘Why are you angry?’
656. Nyi loubou buhek maikuda?  
 ŋi ɬubɬu buhek mɬikutɬ  
 you which fruit like-most  
 ‘Which fruit do you like the most?’

Chokri

657. No dipu tinyisa va?  
 nɔ́ dípt̩ t̩ɲísá vá  
 you what eat-want QP  
 ‘What do you want to eat?’
658. No dipuche bayu?  
 nɔ́ dípuʃé bá jɔ́  
 you where live QP  
 ‘Where do you live?’
659. No dina nlürü-da va?  
 nɔ́ dínà ñlüt̩dà vá  
 you why angry QP  
 ‘Why are you angry?’
660. Hi dipu?  
 hí dípt̩  
 this what  
 ‘What is this?’
661. No rase dipu nkünö tho?  
 nɔ́ ràsé dípt̩ ñkəń̩ thó  
 you fruit which like most  
 ‘Which fruit do you like most?’

Khezha

662. Noni dibi to nyi-i?  
 nɔ́- ní d̩bì tɔ́ ɲì  
 you - NOM what eat want  
 ‘What do you want to eat?’

663. Noni daba be?  
 nǎ- ní dábá bè  
 you- NOM where live  
 ‘Where do you live?’
664. No- ni ditshü lu – de ro?  
 nǎ- ní dītshó lú – dè ɾɔ  
 you- NOM why angry are  
 ‘Why are you angry?’
665. Hino hi dibi?  
 hìnɔ̀ hì dībì?  
 this is what?  
 ‘What is this?’
666. No- ni adibi lache to nyi-i  
 nǎ- ní ɛ̀dìbì làfè tɔ̀ ɲì  
 you- NOM what fruit eat like  
 ‘Which fruit do you like to eat most?’

Khiamniungan:

667. Nei ti heao aiu  
 ɲì ti heɪɬu aɪu  
 you what eat want  
 ‘What do you want to eat?’
668. Nei tiai ki  
 ɲì tiai ki  
 you where live  
 ‘Where do you live?’
669. Nung ti  
 nɔŋ tei  
 this what  
 ‘What is this?’
670. Nei ti shep aiu thso  
 ɲì ti šep aɪu thso  
 you what fruit like most  
 ‘Which fruit do you like most?’

Konyak:

671. Nanga hangke hah hunangke?  
nɬɨ- ə            hɬɨke ha?    hu -nɬɨki  
You -ERG        what eat        want -PRS  
'What do you want to eat?'
672. Nanga üme ngoh-nangke?  
nɬɨ- ə            ʌmə    ŋɔʔ-nɬɨki  
you -ERG        where live -PRS  
'Where do you live?'
673. Nanga hangne mongshi-ke?  
nɬɨ- a            hɬɨke            moŋʃi-ke  
you- DEM        why                angry- PRS  
'Why are you angry?'
674. Hatao hangke shi?  
hɬtau haŋhi ʃi  
this    what    DES  
'What is this?'

Liangmai:

675. Nang nde tiu ni lao?  
nɬɨ    nde    tiu    ni    lau  
you    what eat want QP  
'What do you want to eat?'
676. Nang ndega lung lao?  
nɬɨ    ndega    luŋ    lau  
you    where live QP  
'Where do you live?'
677. Nang haiga lung bo?  
nɬɨ    hɬiga    luŋ    bɔ  
you    here live QP  
'Do you live here?'
678. Nang nde kamza nlungpum ziu lao?  
nɬɨ    nde    kɬmza    nluŋpum    ziu    lau  
you    why    MODF    angry    getting    QP  
'Why are you angry?'



679. Haizi nde lao?  
 haizi nde lau  
 this what QP  
 ‘What is this?’
680. Nang ndegu charashi ningthu bu lao  
 nʌŋ ndegu tsʌra:si niŋ - tʰu bu lau  
 you which fruit like -most do QP  
 ‘Which fruit do you like most?’

Lotha:

681. Ntio ni tso hunga la?  
 ntio ni tso-həŋa-la?  
 what you eat-want-PRS  
 ‘What do you want to eat?’
682. Nino kvülo vana la?  
 ni -nə kvəlo vʌnʌ la  
 you-NOM where live PRS  
 ‘Where do you live?’
683. Ntio tsüngthi ni choka tso la?  
 ntio tsəŋtʰi ni tʃoka tso la  
 which fruit you like most PRS  
 ‘Which fruit do you like most?’

NTHENYI:

684. Na maan tsa - mvü/mo pen?  
 nʌ mu tsʌ - mu/mo pẽ  
 you what eat - want QP  
 ‘What do you want to eat?’
685. No hi petenla?  
 nə hi petenla  
 you here live QP  
 ‘Do you live here?’
686. Na maanli libentso penu?  
 nʌ mʌle lipẽtsu penu  
 you why angry QP  
 ‘Why are you angry?’
687. Ha maanwa nu?  
 hʌ mu:wa nu  
 this what QP  
 ‘What is this?’

688. Ketsau khawa na neen - ten?  
 kitsawu k<sup>h</sup>Λwa nΛ nen - tẽ  
 fruit which you like - QP  
 ‘Which fruit do you like most?’

NZONKHWE:

689. Nle ngu tyü nya binla?  
 nle ñu tɔ nɔ bĩΛ  
 you what eat want QP  
 ‘What do you want to eat?’
690. Nle dikipo nyhung hüla?  
 nle dikipɔ̃juŋ hɛΛ  
 you where live QP  
 ‘Where do you live?’
691. Nle hika bin hyele?  
 nle hikΛ bĩ hyle  
 you here live QP  
 ‘Do you live here?’
692. Hele ngu la?  
 hile ñu la  
 this what QP  
 ‘What is this?’
- Phom:
693. Niung- i mehe hah hüpa?  
 nəŋ -i mehe ha? hɪpa  
 you -ERG what eat want  
 ‘What do you want to eat?’
694. Niung melie nyu -nya?  
 nəŋ məlai nju -ɲa (used only in question)  
 you where live -PRS  
 ‘Where do you live?’
695. Niung mehekei mongshih-nya?  
 nəŋ mehekai məŋʃi? ɲa  
 you why angry PRS  
 ‘Why are you angry?’

696. Hapa mehe ang?  
 hapa mehe aŋ  
 this what PRS  
 ‘What is this?’
697. Müpa betjök niung -i nyeishi lüm -nya?  
 məpa piʃʃik nəŋ -i ɲaiʃi lüm -ɲa  
 which fruit You -ERG most like -PRS  
 ‘Which fruits do you like the most?’

Pochury

698. Noh mowa tsan-ke lo?  
 no mowa tsan-ke -lə  
 you what eat -want-QP  
 ‘What do you want to eat?’
699. Noh khiela rho lo?  
 nɔ kʰela rʰɔ -lə  
 you where live -QP  
 ‘Where do you live?’
700. Noh moken arümütho lo?  
 nɔ moken arəmətʰɔ-lə  
 you why angry -QP  
 ‘Why are you angry?’
701. Ha mowa lo?  
 ha mowa -lə  
 this what -QP  
 ‘What is this?’
702. Noh khie thüorvi kalo khe lo?  
 nɔ kʰe tʰuɾvi kalɔ kʰe-lə  
 you which fruit like most-QP  
 ‘Which fruit do you like most?’

Sangtam:

703. nü du tsunyüro  
 nə tu tsuɲɔɾɔ  
 you what eat  
 ‘What do you want to eat?’
704. nü khüde liro  
 nə khɔte liɾɔ  
 you where live  
 ‘Where do you live?’

705. nü duba zi chüroro  
 nə tupa zi ʃhəɹɔɹɔ  
 you why angry get  
 ‘Why are you angry?’

706. hi duo  
 hi tuɔ  
 DET what  
 ‘What is this?’

Sümi:

707. No- ye kiu chu- nishi ani kea?  
 nə- je kiu ʃfu- niʃi ani kia  
 you NOM what eat want do QP  
 ‘What do you want to eat?’

708. No- ye khila xü cheni kea?  
 nə- je khila xə ʃfeni kia  
 you- NOM where live do QP  
 ‘Where do you live?’

709. No- ye kiushiye agha-ide ani kea?  
 nə- je kiʃʃije aɣai:de ani kia  
 you NOM why angry PROG QP  
 ‘Why are you angry?’

710. Hiye kiu kea?  
 hiye kiu kia  
 this what QP  
 ‘What is this?’

711. Noye axathi khipau – no o-llo kütü kea?  
 nə- je axathi k<sup>h</sup>ipau – nə-ɔ-lɔ kütü kia  
 you NOM fruit which you-like most QP  
 ‘Which fruit do you like most?’

Yimchunger:

712. Nü tümü tsühnei lah  
 nə təmə tsiʔne- la  
 you what eat-DES  
 ‘What do you want to eat?’

713. Nü küching lachoh  
 nə kiʃhiŋ la-ʃhə  
 you where live-PRS  
 ‘Where do you live?’
714. Nü tümüthsükhi nübuk akiuchoh  
 nə timiʃhikhi nəpək akhiə-ʃhə  
 you why angry gettingPRS  
 ‘Why are you angry?’
715. Ha tümü-a  
 ha timia  
 DEM what  
 ‘What is this?’
716. Nü kuju sangaso künla  
 nə kuʃu saŋisə kinla  
 you what fruit like  
 ‘Which fruit do you like the most?’

Zeme:

717. Nang dai teu noi nau?  
 nəŋ dɔi teu noi nəu  
 you what eat want QP  
 ‘What do you want to eat?’
718. Nang dai ni lung nau?  
 nəŋ dɔi ni luŋ nau  
 you where place live QP  
 ‘Where do you live?’
719. Nang i ni lung ni  
 nəŋ i ni luŋ ni  
 you here place live QP  
 ‘Do you live here?’
720. Nang dai teuhe nrahtah?  
 nəŋ dɔi teuwe<sup>h</sup> nəɬ - tɬ  
 you why happen angry - QP  
 ‘Why are you angry?’

721. Aide dai?  
 aide dli  
 what this  
 ‘What is this?’
722. Dai chi teu noi to nau?  
 dli tsi teu noi tu nau  
 which fruit eat like most QP  
 ‘Which fruit do you like most?’

Universal 13: subordinate and main verb

Chang:

723. Nyei nyak shaoko kijinai hao loukai  
 ηλι ρak ʃau-ko kiʃinai hau loukai  
 I-SG food eat-CP while he come  
 ‘He came while I was eating.’
724. Hao ei amlang loudato nyei nyakai  
 hau li amlaŋ lautatɔ ηλι ja:kai  
 he -ERG lie speak I know  
 ‘I know that he is lying.’
725. Hao ei chia thomluptho nyei nyakai  
 hau -li ʃia tomlɔp-to ηλι ηlikai  
 he -ERG song sing -COMP I-SG know  
 ‘I am sure that he will sing.’

Chokri:

726. E- e khutsü ti küva che püe vo  
 ĩ- è khùtsə́ tì kə́vá ʃé pə̀ è vɔ́  
 I NOM rice eat PROG while he NOM came  
 ‘He came while I was eating rice.’
727. E – e Pü muda küva seva  
 ĩ- è pə̀ mɪ̀də́ kə́vá sɛ́vá  
 I NOM He lie PROG know  
 ‘I know that he is lying.’
728. Pü tha vomo tari rümo  
 pə̀ thá vómɔ́ tári ɪ̀tmɔ́  
 he today come-or whether doubt  
 ‘He may not come today.’

729. Onganye vachi vano, pü- e vo- to  
 ùṅáné váʃhí vánò pə- è vǒ- tǒ  
 baby fed CP she NOM come- FUT  
 ‘Having fed the baby, she will come.’

730. E-e mülütsü püe tsali shi to  
 í- è mǐłt-tsǝ pə- è tsàli ʃhí tǒ  
 I NOM sure he- NOM song do FUT  
 ‘I am sure that he will sing.’

Khezha:

731. Pu- ni nyini khunye tonyhe woa  
 pü- ní jǐ- ní khùṅè tǒṅjhe wǒ:à  
 he- NOM I was rice eating came  
 ‘He came while I was eating rice.’

732. Nyini pu ni müda zü che-a  
 jǐ- ní pü- ní mǝdá zǝ ʃǝ-à  
 I NOM he is lie PROG know  
 ‘I know that he is lying.’

733. Nucü pu tshü dele, puni wu de  
 núʃǝ pü- tshǝ dǝlǝ pü- ní wü dǝ  
 baby fed done PST she- NOM come will  
 ‘Having fed the baby, she will come.’

734. Nyi- ni pu- ni tsali chü de  
 jǐ- ní pü- ní tsali ʃhǝ’ dǝ  
 I NOM he- NOM sing sure will  
 ‘I’m sure that he will sing.’

Khiamniungan:

735. Ngo chi henai apa shi  
 ṅǝ ʃí henai ʌpa ʃin  
 I food eat he came  
 ‘He came while I was eating rice.’

736. Apa üh pumgita ngo nye  
 ʌpa əʔ pǝmetǝ ṅǝ ṅen  
 he ERG lie I know  
 ‘I know that he is lying.’

737. Ngo tsumonglam apa lunyi shi-e  
 ɲo tsumoŋlam ʌpa lɯni ʃi-e  
 I doubt he today come-FUT  
 ‘I doubt whether he will come today.’

738. Methso hao vaoküta apa shi-e  
 methsohau wau-kəta ʌpa ʃi-e  
 baby DAT fed-CP she come-FUT  
 ‘Having fed the baby, she will come.’

739. Apa hange ta ngo nyen  
 ʌpa haŋe tə ɲo ɲie  
 he sing COMP I know  
 ‘I am sure that he will sing.’

Konyak:

740. I-e tao nük hah wante wen-yangke  
 i -a tauŋək ha? wan- tə win-jʌŋki  
 he -DEM I food eat - while come-PST  
 ‘He came while i was eating rice.’

741. Tao-e shing -nangke hatao-a i-e ngaoleih epü  
 tau-ə səŋ -nʌŋki hatau-a i -ə ɲauli ipu  
 he ERG knows-PROG that-DEM he -ERG lie say  
 ‘I know that he is lying.’

742. Tao-e nüngnei-nangke i-a tenyih wen-lak jeya peih  
 tau-a nəŋnai-nʌŋki i -a teŋi? win-lak ʃiɲapai?  
 I -ERG doubt-PRS he- DEM today come- FUT whether  
 ‘I doubt whether he will come today.’

Liangmai:

743. E ta - tiu bamting pa wangye  
 i ta - tiu bʌmtiŋ pʌ waŋ-ne  
 I rice - eat while he come -PST  
 ‘He came while I was eating rice.’

744. E siye pa ared bam boi  
 i sije pʌ ared bʌm - boi  
 I know he lie PROG SFM  
 ‘I know that he is lying.’



745. E sishek makge pa nthainai wangma  
 I sisiak mage pʌ ntʰainai wʌŋ - ma  
 I doubt NEG he today come - whether  
 ‘I doubt whether he will come today.’

746. E malum siakye pa chaliu thiuru -boi  
 I mʌlum siage pʌ tsʌliu tʰiu- .u -boi  
 I trust sure he song sing FUT SFM  
 ‘I am sure that he will sing.’

Lotha:

747. Ana otsi tsoa vanathung ompona yicho  
 a -na ʊtsi tso-a vʌnʌtʰʊŋ ʊmpʊ-na ji-ŋʰʊ  
 I-NOM rice eat-CP while he -NOM come-PST  
 ‘He came home while I was eating rice.’

748. Ompo na ejüŋ phyoa la to ana ntsia  
 ʊmpʊ-na eŋʊŋ pʰjʊa la tʊ a-na ntsia  
 he-NOM lie sayl PRS that I-NOM know  
 ‘I know that he is lying.’

749. Ngaro ro ji tsotok si ompvü na yiv  
 ŋarʊ -rʊ ʄi tso-tʊk si ʊmpfə- na ji-v  
 child-little DET eat-done and she -NOM come-FUT  
 ‘Having fed the baby, she will come.’

750. Ompo na okhen khvüthia to ana merüka ntsia  
 ʊmpʊ -na ʊkʰen kʰvʊ tʰia tʊ a-na merʊka ntsia  
 he -NOM song sing able that I-NOM sure know  
 ‘I am sure that he will sing.’

NTHENYI:

751. Ma hi anan tsa - kiben jüüwi gho  
 mʌ hi ʌnɛ tsa - kipɛ zuwi ʊɣu  
 s/he I rice eat – CP while come-PST  
 ‘He came while I was eating rice.’

752. Ma hi mechu kipen hi chüpen  
 mʌ hi miŋʰu kipɛ hi ʄʰipɛ  
 s/he I lie CP I know  
 ‘I know that he is lying.’

753. Ma naansü ghola mogho khen hi nchü  
 mΛ nΛ˜sĩ˜ ɥəula muuɥəu kʰẽ hi nŋʰĩ  
 s/he today come NEG whether I don't know  
 'I doubt whether he will come today.'

754. Hi chhütipen ma akkhwisa - pen  
 hi ʃʰətĩpẽ mΛ ʌkʰwisa: - pẽ  
 I know s/he song sing - FUT  
 'I am sure that he will sing.'

755. Ma ali nwale  
 mΛ ʌli n - wale  
 she field not go  
 'She will not go to the field.'

NZONKHWE:

756. A-le ale nku kebin shabin  
 ʌ - lē ʌlē nkø kəbĩ ʃʌbĩ  
 he I lying COMP know  
 'I know that he is lying.'

757. Ntsenyu ginthyü lao a-le ryüti  
 ntsəñə gĩntʰə ʌʌ ʌ - lē ɹə-ti  
 baby fed CP she come-FUT  
 'Having fed the baby, she will come.'

758. A-le lüthyü tsentsü kebin ale shabin  
 ʌle ləthə tsəntsə kəbi ʌle ʃʌbĩ  
 he sing sure COMP I know  
 'I am sure that he will sing.'

759. a-le loo ki tsü nyü mvü  
 a-le lə ki tsə nə mvə  
 he field PST go want NEG  
 'He will not go to the field.'

Phom:

760. Nge-i nük hah hepak-kü pupa peikü-peih  
 ŋa-i nək haʔ hĩpak -kə pəpa paikə -peiʔ  
 I- rice eat while -PRS he come -PERF  
 'He came while I was eating rice.'

761. Nge-i- nyingtih pupa -i shah shem e- nyeih  
 ŋa -(j)ə n̄jɪŋtiʔ pəpa -i ʃaʔ ʃʌm i -ŋeʔ  
 I -ERG know he -ERG word lie tell -HAB  
 ‘I know that he is lying.’
762. Nge-I jüh-ü nyeih, shenyih pupa peikahen la shangkü  
 ŋa -(j)i ʧə-əŋaiʔ ʃənjiʔ pəpa paikahan la ʃəŋkə  
 I -ERG doubt today he come or not come  
 ‘I doubt whether he will come today.’
763. Ngei hinglemnyeih pupa kesho lok -kahan  
 ŋai hiŋlɪmn̄jaiʰ pəpa keʃu lək -kahan  
 I sure he song sing -FUT  
 ‘I am sure that he will sing.’

Pochury:

764. Hi ashie tsa-kübelavü nyimpawa ru  
 hi aʃe - tsa-kə pela-və njimpawa ru  
 I rice eat-CP time-at he come  
 ‘He came while I was eating rice.’
765. Hi-nüh tshü-vehtamanyimpawa rie-veh  
 hi-nə ts<sup>h</sup>e-ve tama njimpawa ri -ve  
 I -NOM know-PRS that he lie-PROG  
 ‘I know that he is lying.’
766. Hi rüza-veh nyimpawa nosü runa nü nyunü  
 Hi rəza-ve njimpawa nosə runa-nə njunə  
 I doubt-PRS he today come-FUT whether  
 ‘I doubt whether he will come today.’
767. Hi-nüh tshü-vehtamanyimpawa azahsatsa-na  
 hi-nə ts<sup>h</sup>e-ve tama njimpawa aza satsa-na  
 I -NOM know-PRS that he song sure-FUT  
 ‘I am sure that he will sing.’

Sangtam:

768. abi ih yangtsu yade rocho-e  
 ʌpi i jʌŋtsu jʌte ɪə-ʧhəe  
 he ISG eating while came-PST  
 ‘He came while I was eating rice.’

769. Abi ronung müronung ih -nü mülongdi  
 ʌpi ɿɔnuŋ mə-ɿɔnuŋ i -nə məluŋti  
 he come NEG-come I -NOM doubt  
 ‘I doubt whether he will come today.’
770. akhunga khang tuppü, abi ronung  
 ʌkʰuŋʌ kʰʌŋ tʌp-pə ʌpi ɿɔ-nuŋ  
 baby -DAT fed-CP she come-FUT  
 ‘Having fed the baby, she will come.’
771. Ih -nü müthele abi tsü khitsanung  
 i -nə mətʰele ʌpi tsə kʰitsʰa-nuŋ  
 iSG -NOM know he Det sing-FUT  
 ‘I am sure that he will sing.’

Sümi:

772. Pa-no I-no ana chu- a kelono ighi  
 pa- nɔ i-nɔ ana tʃu- a kelɔnɔ eyei  
 He-NOM I-NOM rice eat- CP while came  
 ‘He came while I was eating rice.’
773. I- no ithi ani pa ye miki ani  
 i- nɔ ithi ani pa je miki ani  
 I NOM know EXIST he NOM lie PROG  
 ‘I know that he is lying.’
774. Li ye anga loji ve-no ighi nani  
 li je aŋa loʒi ve-nɔ iʔi nani  
 she NOM baby feed having done come FUT  
 ‘Having fed the baby, she will come.’
775. I- no ithipütsa pa ye alephe nani  
 i- nɔ ithipətʰa pa je alepʰe nani  
 I NOM sure he will sing FUT  
 ‘I’m sure that he will sing.’

Yimchunger:

776. I yimtsüh-chohki api arükheah  
 i jimtsəʔ-tʃhɔ-khi abi aɿ-khiʌʔ  
 ISG eat-PROG -CP he come-PST  
 ‘He came while I was eating.’

777. I nü mükheah lah api akeangyü thatchoh  
 i -nə mikhiaḱ laʔ abi akiəŋə tha-ʃhəʔ  
 I -NOM know COMP he lie say-PROG  
 ‘I know that he is lying.’

778. Api khihne arünahnü i nü mümükheah  
 abi khiʔni aənənə i -nə mə-məkhiaḱ  
 he today come I -NOM NEG-know  
 ‘I doubt whether he will come today.’

779. Api khungarü yimkip-pa arüpah  
 api k<sup>h</sup>uŋaɾə jimkip-pa aɾəba  
 she baby fed -CP come  
 ‘Having fed the baby, she will come.’

Zeme:

780. I chi pa nret bam  
 i tsi pɿ nret bɿm  
 I know he lie PROG  
 ‘I know that he is lying.’

781. Pa henai gwang rah I nning mmi mah  
 pɿ henai g<sup>w</sup>ɿŋ ɿɿ i nniŋ mi mɿ  
 he today come whether I think believe NEG  
 ‘I doubt whether he will come today.’

782. Pa banazeh pepuk teu boi lo ne gwang zeh  
 pɿ pən:v:ze pepuk teu bɔi lone g<sup>w</sup>ɿŋ ze  
 he baby food eat will after come FUT  
 ‘Having fed the baby, she will come.’

783. I chibam pa leu teu be ze  
 i tsibɿm pɿ leu teu bi ze  
 I know s/he song sing sure FUT  
 ‘I am sure that he will sing.’

784. Pah loh mei lak  
 pɿ lə mei lɿk  
 she field go not  
 ‘She will not go to the field.’



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