Gorom Language’s Phonological Differences Viewed from Age and Occupation Factors: Socio-dialectology Study

Iwan Rumalean
Universitas Pattimura
Ambon, Indonesia
iwanrumalean@yahoo.com

Kisyani Laksono
Universitas Negeri Surabaya
Surabaya, Indonesia
kisyani@unesa.ac.id

Bambang Yulianto
Universitas Negeri Surabaya
Surabaya, Indonesia
bmb_yulianto@yahoo.co.id

Iwan Rumalean

Abstract—This study was aimed to explore the phonological differences of Gorom language viewed from age and occupation factors, by using socio-dialectology approach. Adult and children speakers belong to age factor while farmers and civil servants speakers belong to occupation factor. This study used 24 Gorom community leaders as the data sources. There were 6 observation areas, which were determined by the vertical downward model. The data of this study was 880 basic vocabularies of Gorom language. They were obtained through interview and field note listing and were analyzed by using the matching method. The data analysis showed that there were phonological variation of Gorom language sounds [wa] ~ [U], [k] ~ [ʔ], [r] ~ [l], [b] ~ [i], and [d] ~ [t]. Farmers used different phonological forms with the civil servants, and adult speakers used different phonological forms with children as well. The results of this study can be used by teachers and lecturers in language teaching and learning, especially in teaching vocabulary.

Keywords—phonological differences, Gorom language, age and occupation factors, socio-dialectology.

I. INTRODUCTION

The study of Gorom language’s phonological differences used socio-dialectology approach. This approach integrated into geography, sociology, linguistics, and dialectology [1].

The phonological differences in the dialectological study of the phonemic level such as gloss <TETAPI> in the Gorom language consisted of five variants i.e., (1) [mule], (2) [muale], (3) [muge], (4) [muage] and (5) [muje]. The 1st and 2nd variants were used in Tinarin administrative village, Gorom Timur sub-districts, and all countries in the western part of Manawoku Island, Pulau Gorom sub-district. The 3rd variant was used in Miran village, Kilkoda village and Kotasiri in Gorom Timur sub-district. The 4th variant was uttered in Wawasa administrative village, Pulau Gorom sub-district. The 5th variant was uttered in Amarwatu village, Gorom Timur sub-district. The use of font and phonemes in the different variant in dialectology is called phonological differences [2]. For example, the phoneme /t/ is pronounced differently in Italian and French. The consonant /t/ in Italian is recited as a dental-trill consonant, while in French, it is pronounced as uvular-trill [3].

The study of phonological differences includes phonemics and phonetics. It is distinguished by lexical differences [4]. The phonological differences are related to sound correspondence, while the lexical differences are related to form of word meaning (semantics) [5]. In addition, phonological differences are also related to phonological processes that can occur in all sound-language changes. The change may be in the basic or derivative words due to phonological or morphological processes [6].

The use of Gorom language also varied in communities in one village with other villages. For instance, the villagers of Ondor in Pulau Gorom sub-district pronounced the word [ikan] which means ‘fish’. Communities in Pulau Panjang and East Gorom sub-districts pronounced it as [iʔan]. The word [salidir] which means ‘nail’ was uttered in Kataoka village and its surroundings. In Miran and Kilkoda villages and surrounding areas, it is pronounced as [lidir].

Furthermore, as a local wisdom, Gorom language enriches the Indonesian vocabulary. Therefore, it needs to be preserved as mandated by Law No. 24 of 2009 Chapter III Article 35-39 on the flag, language and national symbol and national anthem [7]. In addition, one of the dialectology roles is as a nation-state unity if it is well managed [8]. If it is not managed properly, it creates conflicts between speakers that ultimately impact on national instability [9].

II. METHOD

The data of this research was 880 basic vocabularies of Gorom language. The data were taken from 24 people; 4 people for each observation area, consisting of 1 adult, 1 child, 1 farmer, and 1 civil servant speakers. The data sources were obtained from the local village leader (King). If the leader cannot recommend the source of data, the researcher seeks for
himself through discussions with local community leaders such as rural leaders and educational leaders [10].

This research was conducted in Gorom Timur, Pulau Panjang, and Pulau Gorom sub-districts, Seram Bagian Timur Regency. The location of this study can be seen in the following figure.

![Figure 1, Map of Gorom Islands][11]

There were 6 observation areas in this study which were determined by using the vertical downward model. The observation areas were started from the northern to the eastern hemisphere of Gorom Islands. Thus, the 1st observation area was Dada administrative village, Pulau Gorom sub-district, the 2nd area was Lalasa village, Pulau Panjang sub-district, the 3rd area was Ondor village, Pulau Gorom sub-district, the 4th area was Miran village, Gorom Timur sub-district, the 5th area was Wawasa administrative village, Pulau Gorom sub-district, and the 6th observation area was Amarwatu village, Gorom Timur sub-district. Those areas can be seen in the following figure [12].

![Figure 2, Map of Observation Areas][12]

Two techniques of collecting data were used in this research, i.e. 1) interview and 2) field note listing. Those techniques were used to obtain (a) informants’ personal information, and (b) basic vocabularies of Gorom language which were translated from Indonesian vocabularies [13]. The data analysis of this study had been started from research planning up to the completion of data collection process (snowball-sampling). The analysis of Gorom language differences was conducted by differentiating its syllables and patterns. Through this model of analysis, it can be seen that there is a pattern of phonological differences in Gorom language [14].

III. RESULT AND DISCUSSION

1) Result

Based on the analysis of 880 basic vocabularies of Gorom language, it was found that not all basic vocabularies consist of phonological differences. In addition, the phonological differences found consisted of 1) phonological variation, and 2) phonological correspondence. This study was focused on the exploration of phonological variation, written by using (~) symbol. Correspondence and lexical forms were not discussed in this study. Phonological variations were found in sounds [w] ~ [U], [k] ~ [ʔ], [r] ~ [l], [b] ~ [i], [r] ~ [l], and [d] ~ [t].

The sound [w] ~ [U] was found on gloss *Lelaki* (man) and gloss *Perempuan* (woman). Gloss *lelaki* was presented through [warana] ~ [Uranu] variants. Gloss *perempuan* was presented by [wawina] ~ [Uwina] variants. The sound [k] ~ [ʔ] was found on the gloss *Tukang Kayu* (carpenter), and it was presented through [tu?an ?ayira] ~ [tu?an ?ayira] variants. The sound [r] ~ [l] was found on the gloss *matahari* (sun), and it was presented through [Artala/Urtala] ~ [Artala/Urtala] variants. The sound [b] ~ [i] was found on the gloss *Tembok* (wall), and it was presented by [beto?ana] ~ [bito?ana] variants. The sounds [d] ~ [t] was found in gloss *Berak* (defecate), and it was presented through [dama?in] ~ [tama?in] variants. Phonological variations, observation areas, and speakers can be seen in the following table.

<table>
<thead>
<tr>
<th>Variant and Occupation Factor</th>
<th>Variant and Occupation Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gloss</strong></td>
<td><strong>Observation Area</strong></td>
</tr>
<tr>
<td>Man</td>
<td>farmers</td>
</tr>
<tr>
<td>Woman</td>
<td>farmers</td>
</tr>
<tr>
<td>Carpenter</td>
<td>farmers</td>
</tr>
<tr>
<td>Sun</td>
<td>farmers</td>
</tr>
<tr>
<td>Wall</td>
<td>farmers</td>
</tr>
<tr>
<td>Defecate</td>
<td>farmers</td>
</tr>
</tbody>
</table>

![TABLE I. PHONOLOGICAL DIFFERENCES OF GOROM LANGUAGE BASED ON OCCUPATION FACTOR][13]
and as a vowel (nucleus). Therefore, it was called an open which patterns as a vowel. When it was presented through three variant s, i.e. [tuka] /kʰaɪɾa/, [tuka] /kʰayu/, and [tua] /nã aɾi/. The [tuka] /kʰaɪɾa/ variant was spoken by the farmers, adults, and civil servants speakers in the 3rd observation area. The [tuka] /kʰayu/ variant was pronounced by the children speakers in the 3rd observation area. The [tua] /nã aɾi/ variant was uttered by social groups in the 1st, 2nd, 4th, 5th, and 6th observation areas. The [tukang kayu] variant was spoken by children in all six observation areas.

Gloss MATAHARI was presented through five variants, i.e. [Altala], [Ultala], [Artala], [Urtala] and [matahari]. The [Altala] variant was spoken by farmers and adult speakers in the 1st, 2nd, and 3rd observation areas. The [Ultala] variant was pronounced not only by farmers and adult speakers in the 1st, 4th, and 6th observation areas but also by the civil servant's speakers in the 5th observation area. The [Artala] variant was uttered by the farmers and adult speakers in the 2nd, 3rd, 4th, 5th, and 6th observation areas. The [Urtala] variant was spoken not only by the farmers and adults speakers in the 4th and 6th observation areas but also by the civil servant's speakers in the 4th and 6th observation areas. The [matahari] variant was uttered by the children in all observation areas.

Gloss TEMBOK was presented through three variants, i.e. [bito] /aɾa/, [beto] /aɾa/, and [tembok]. The [bito] /aɾa/ variant was produced by farmers, adult, and civil servants speakers in the 1st, 2nd, 3rd, and 4th observation areas. The [beto] /aɾa/ variant was pronounced not by farmers and adults speakers in the 2nd, 4th, and 5th observation areas. The [tembok] variant was uttered by the farmers and adult speakers in the 4th and 6th observation areas. The [tuma] /aɾi/ variant was pronounced by farmers and adults speakers in the 4th and 5th observation areas.

2) Discussion
Phonological differences can be described based on social and linguistic factors.

Gloss LELAKI was presented through three variants, i.e. [warana], [Uranana], and [laki-laki]. Based on social factor, the farmers and adult speakers in the 1st, 2nd, 4th, 5th, and 6th observation areas uttered the sound [wa] in [warana] variant varies with [U] on [Uranana] variant uttered by farmers and adults speakers in the 3rd area. The civil servants and children speakers in the 1st, 2nd, 3rd, and 5th observation areas presented gloss LELAKI over three variants, namely [warana], [Uranana], and [laki-laki].

Gloss PEREMPUAN was presented through three variants, i.e. [wawina], [Uwina], and [nona]. The civil servants and children speakers in the 5th and 6th observation areas presented the gloss LELAKI through [warana] variant, and the gloss PEREMPUAN was presented through [wawina] variant. Therefore, the civil servants and children speakers uttered each of the two variants in presenting the glosses LELAKI and PEREMPUAN. The civil servants and children speakers in the 4th and 5th observation areas presented one variant.

On linguistic, sounds [wa] and [U] were two different forms. The form [wa] played as a syllable, and [U] was as a font. Variations that occur in [warana] and [Uranana] and [wawina] and [Uwina] variants were named the beginning of the syllable variation which belongs to external variation. Thus, [wa] in [warana] and [wawina] variants were as syllables of onset + nucleus (w + a), and included as open syllables with the vowel-consonant pattern.

Phoneme [U] in [Uranana] and [Uwina] variants held the position as rhymes. In this case, [U] stood alone as a syllable, and as a vowel (nucleus). Therefore, it was called an open syllable. This syllable was called phoneme of one syllable which patterns as a vowel. When it was viewed on the basis of the articulator producing the phoneme /U/, then /U/ included into the high-back-neutral vowel phoneme.

Historically, [warana] variant is not cognate with related languages such as Ambonese Malay or Proto-Austronesian. The [Uwina] variant is found its cognate in Proto-Polynesian i.e. fafine ‘female’, [15]. Although Gorom language is not derived from Proto-Polynesian, it is derived from the Austronesian, Austronesian sub-clumps, the Eastern Seram group [16].

<table>
<thead>
<tr>
<th>Gloss</th>
<th>Age Factors</th>
<th>Variant and Observation Area</th>
<th>Variant and Observation Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Man</td>
<td>Adult</td>
<td>warana: 1, 2, 4, 5, 6</td>
<td>Urdu: 3</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td>warana: 1, 2, 4, 6</td>
<td>laki-laki: 3</td>
</tr>
<tr>
<td>Woman</td>
<td>Adult</td>
<td>wawina: 1, 2, 4, 5, 6</td>
<td>Urdu: 3</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td>wawina: 1, 2, 4, 5, 6</td>
<td>nona: 3</td>
</tr>
<tr>
<td>Carpenter</td>
<td>Adult</td>
<td>tu’nan a’ira: 1, 2, 5, 4, 6</td>
<td>tukang k’a’ira: 3</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td>tutu’na’ira: 1, 2, 5, 4, 6</td>
<td>tukang kayu: 3</td>
</tr>
<tr>
<td>Sun</td>
<td>Adult</td>
<td>Altala/Urtala: 1, 2, 3, 5</td>
<td>Altala/Artala: 4, 6</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td>temboka: 1, 2, 4, 6</td>
<td>temboka: 1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>Defecate</td>
<td>Adult</td>
<td>dama’in: 1, 2, 3, 5</td>
<td>tama’in: 4, 6</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td>dama’in: 1, 2, 4, 5, 6</td>
<td>bera: 3</td>
</tr>
</tbody>
</table>

TABLE II. PHONOLOGICAL DIFFERENCES OF GOROM LANGUAGE BASED ON AGE FACTOR
civil servants. Adult speakers produced different phonological variations with the children as well [17].

The results described above are in line with the study on gangster members in New York City, the United States performing the elision process. Elision is an -ed form to mark the past tense at the end of the word. For example, the word ‘missed’ _ miss in the sentence ‘He missed the bus yesterday _ he missed the bus yesterday’. Another example, the word ‘passed’ _ pass in the sentence ‘It pass him instead of It passed him’. The teenage gangster members in New York City mostly produce the dual adult negation form of the same social class, [18]. The middle-aged are most familiar with and have acknowledged on language norms, so they produce more standard forms. In contrast, few teenagers use vernacular forms while the middle-aged uses standard and prestige forms. From the age factor, Holmes found that the peak language achievement is at the age of 30 to 50 years, where they have been pressured from the language community to adjust to the language norms.

In addition, social factor – especially ethnic and gender – are dominant in the use of phonemes differently. Lombok ethnic, for example, stands out in causing pronunciation variations of the phoneme /l/ when compared with Muna and Batak ethnicities. Muna and Batak ethnicities are dominant in retaining the original phoneme sound /l/ instead of /w/ [19]. This is acceptable because Taembo’s research uses cross-ethnic data sources.

In accordance, the results of research on how to understand the use of standard and non-standard dialects can be studied in ethnic point of view. Each ethnic has a feature of speech that describes the speaker’s phonetic characteristics [20]. The study of phonological variation of Gorom language used one ethnic, Gorom ethnic, as its data source.

Based on the above explanation, social factors – especially the age and occupation – also determine the phonological differences of Gorom language.

IV. CONCLUSION

The age and occupation factors in the six observation areas in Gorom Islands differed in using the Gorom language’s phonological differences in Pulau Gorom, Gorom Timur, and Pulau Panjang sub-districts, Seram Bagian Timur Regency – Moluccas Province.

Not only farmers and civil servants but also an adult and children speakers use different phonological variations. In addition, farmers and adult speakers use the same phonological variation. Moreover, civil servants and children speakers use the same phonological variation as well.

The phonological differences are especially the variations on the sounds [r] ~ [l] in [Artala] and [Altala], [Urtala] and [Ultala], the sounds [e] ~ [i] in [betoana] and [betoana], and the sound [d] ~ [t] on [dama in] and [ta ma in] or [tma in]. Their motive and formative belong to Gorom language’s variants. The [tu lan], [tuka], [betoana], and [betoana] variants are related to Indonesian word tu kan and bet on.

The phonological differences of Gorom language are found in the phonological variation (~) that occurs in the sound [wa] ~ [U], [k] ~ [?], [r] ~ [I], [b] ~ [i], [l] ~ [I], and [d] ~ [t].

REFERENCES
