

# The Kinship of Karo, Pakpak and Gayo Language

## ABSTRACT

**Aims:** To investigate and to know the kinship of Karo, Pakpak and Gayo language.

**Study design:** This research used quantitative research

**Place and Duration of Study:** Medan, North Sumatera, March 2022-June 2022

**Methodology:** In this case, the writers used a lexicostatistic approach to determine the level of kinship in Karo, Pakpak, and Gayo languages by comparing the vocabulary contained in these languages and then seeing and determining the similarity of the vocabulary of the three languages. In this case, the basic swadesh vocabulary of 200 words was used to determine the percentage of cognates.

**Results:** The result of the research shown that the kinship of Karo and Pakpak is at family level. The number of cognate words of Karo and Pakpak 140 word and non-cognate 60 words. Furthermore, the kinship of Pakpak and Gayo is at family level with the number of kinship of Pakpak and Gayo 82 words and non-cognate 118 words and the kinship of Pakpak and Gayo is at family level with the number of kinship of Pakpak and Gayo 76 words and non-cognate 124 words

**Conclusion:** Based on the findings, it was found that the level of kinship between Karo and Pakpak languages was 70% with a separation period about 500-2500 years ago. From this percentage, it can be stated that Karo and Pakpak languages have a close relationship. While the level of kinship between Pakpak and Gayo languages is 41% whereas Karo Gayo 38%, it means that the kinship relationship between Pakpak and Gayo languages and also Karo and Gayo Language are not close even though the relationship between the two languages belongs to the family. However, if it is seen from the percentage, both of them is not close. And the separation period of Pakpak and Gayo languages was around 500-2500 years ago. This means that the two languages have been separated for a long time.

*Keywords: Kinship, Karo Language, Pakpak Language, Gayo Language*

## 1. INTRODUCTION

Language is an equipment than can be used for all people in the world to do communication. One of the language that human used to communicate is local language. Every tribe certainly has different language and different culture. And it will differentiate one each other.

In Indonesia, there are so many local language, they are Mandailing language, Jawa language, Batak Toba language, Karo language, Pakpak language, Gayo language and etc. And it is used to interact both oral or written. Local language and its culture as food, religious system and etc. also refers to the identity. In other hand, Local language is used as the supporting for national language, namely Indonesia Language. Thus, regional languages need to be fostered and continuously developed in order to strengthen the resilience of national culture.

27 | ———Local language development can be conducted through a research. In this case,  
28 | research on language kinship is very interesting to be investigated. The science that studies  
29 | language kinship is called comparative historical linguistics. In this case, the language will be  
30 | compared and classified [1, 2].<sup>4,2</sup> Comparative historical linguistics was started by William  
31 | Jones in 1792 on his speech to the Royal Asiatic Society. In addition, comparative historical  
32 | linguistics also discusses language development [3, 4, 5].<sup>3-5</sup> This means that through LHK,  
33 | researchers can compare languages in the world, especially in Indonesia. Not only it, it also  
34 | can classify language. In this case, it provides a very large contribution in tracing the nature  
35 | of language development from time to time. So, this study is very important to be conducted.  
36 | ———In this study the writers will discuss the kinship of language. The kinship is affected  
37 | by language, culture, conceptualization and also the function of the cultural where they will  
38 | develop on and on [6].<sup>6</sup>—Beside that geographical location also affect to the language  
39 | kinships [7].<sup>7</sup>—In this research, the writers will discuss language kinship of Karo, Pakpak and  
40 | Gayo languages. This language belongs to the Austronesian language family. And these  
41 | languages have a kinship. The kinship relationship of the three languages can be seen from  
42 | their geographical location. Geographically, the Karo, Pakpak and Gayo tribes lived nearby,  
43 | namely North Sumatra and Aceh.

44

### 45 | **1.1 Karo Language**

46

47 | Karo language is the language used by Karo's Society and they use it to communicate to the  
48 | other. Batak Karo consists of two, namely Karo Gugung and Karo Ginger. Karo Gugung are  
49 | domiciled in Karo Regency and they are the original population of Batak Karo . Meanwhile,  
50 | Karo Jahe is domiciled in the districts of Deli Serdang, Langkat, Dairi, Samosir, Simalungun  
51 | and Nangroe Aceh Darrusalam districts. It can be concluded that The society of Batak Karo  
52 | spreads in Karo, Deli Serdang, Langkat Dairi, Simalungun, Samosir dan Aceh Darrusalam  
53 | District.

54

### 55 | **1.2 Pakpak Llanguage**

56

57 | Pakpak language is the language used by the Pakpakk tribe. The Pakpak people originated  
58 | from South India, namely Indika Tondal to Muara Tapus nearby Dairi, after that they  
59 | developed in Tanah Pakpak and became the Pakpak Tribe [8].<sup>8</sup> Some Pakpak people live in  
60 | Tanah Dairi and some are diaspora, leaving their country and settling in new areas.  
61 | Some of them live in Tanah Pakpak and become the Pakpak Tribe "Situkak  
62 | Rube;,"Sipungkah Kuta" and "Ni Talun Tribe" in Tanah Pakpak. Others go to other places  
63 | and form or create new communities. S/he knows that s/he is from Tanah Pakpak and  
64 | admits that Pakpak is her/his tribe but changes the clan to another tribe. On the other hand,  
65 | there are those who go abroad and change their identity by changing their name and  
66 | surname [9].<sup>9</sup>

67 | ———According to the dialect and area of distribution, Pakpak is grouped into five parts,  
68 | namely: Pakpak Simsim, Pakpak Keppas, Pakpak Pegagan, Pakpak Boang and Pakpak  
69 | Kelasen. Each division is distinguished according to the ulayat rights of the clans which are  
70 | administratively not only domiciled in the Dairi Regency area (before it was divided), but  
71 | there are those in Aceh Singkil, Humbang Hasundutan (before the expansion from North  
72 | Tapanuli) and Central Tapanuli.

73 | ———Pakpak Simsim, Pakpak Keppas and Pegagan are administratively located in Dairi  
74 | and Pakpak Bharat, while Pakpak Kelasen are located in Humbang Hasundutan district,  
75 | Central Tapanuli district, especially in Parlilitan and Manduamas districts. It is different again  
76 | with Pakpak Boang who is domiciled in Singkil district, especially in Simpang Kiri and Kanan  
77 | sub-districts.

78

### 79 | **1.3 Gayo Llanguage**

80 Gayo language is the language used by the Gayo tribe. The Gayo tribe is one of the tribes  
 81 who live in the Gayo highlands, precisely in Aceh in the central part of Aceh province.  
 82 Administratively, the Gayo tribe is domiciled in the districts of Central Aceh, Bener Meriah  
 83 and Gayo Lues. The Gayo tribe has characteristics, namely being Muslim, having curly hair,  
 84 black skin, wearing a surname, having a small body, and having Karo and Alas ethnicities.  
 85 | ——— Looking at the distribution of the Karo, Pakpak and Gayo tribes, they live close to  
 86 each other, So it caused the spread of the mother languages. And it will affect to the  
 87 language. If the language is changed, the kinship of language is also affected. Mother  
 88 languages certainly have kinship in the past.  
 89 | ——— Beside from geographical location, the kinship relationship of Karo, Pakpak, and  
 90 Gayo languages can be seen from the sound and the same phonemes. Language kinship  
 91 can be investigated through the analysis of meaning components in determining the  
 92 meaning relationship between a set of lexemes in a meaning field [10].<sup>40</sup>. The kinship of  
 93 Karo, Pakpak, and Gayo languages can be seen in the following data.

Glos	Karo	Pakpak	Gayo	
<i>Hati</i> (heart)	ate	Ate	ate	94
<i>Bagi</i> (share)	bagi	Bagi	<b>bagi</b>	95
<i>Lidah</i> (tongue)	dilah	Dilah	dilah	96
<i>Tiga</i> (three)	telu	Telu	tulu	97
<i>Tali</i> (rope)	nali	Tali	tali	98
				99
				100

101 The data above shows that the Karo, Pakpak, and Gayo languages have a kinship. This is  
 102 indicated by the presence of several similar sounds and phonemes (see data 1 and 3).  
 103 Different things occur in data 2, 4 and 5 of the Karo, Pakpak, and Gayo kinship languages,  
 104 which can be seen from the change in sound and the same meaning. In this case there has  
 105 been a retention in the speech. So, this is very interesting to be investigated because the  
 106 changes of language are also depending to the history in the past. Besides that, research on  
 107 the kinship of Karo, Pakpak and Gayo language do not discussed yet as far the writers know  
 108 and read.

109 | ——— There have been many researches on kinship, including Hale [11].<sup>41</sup>discussed  
 110 'Kinship Reflection in Syntax: Some Australian Language'. In this research, he stated that  
 111 the kinship system was reflected in pronominal. Furthermore, research on language kinship  
 112 is discussed by Ernawati. She discusses the kinship of Karo, Minang and Malay languages.  
 113 In her research, she said that the kinship between Karo and Minang languages is a different  
 114 language. This is indicated by the percentage of kinship of 31%. This means that the  
 115 language kinship relationship is only a family relationship (stock). Furthermore, the  
 116 relationship between Karo and Malay is 26% and is a clump relationship (stock). Meanwhile,  
 117 the Malay and Minang languages have a family relationship with a percentage of 66% [12].  
 118 <sup>42</sup>.

119 | ——— The next previous researcher discussed 'Kinship of Batak Toba language and Batak  
 120 Angkola language: a comparative historical linguistic study. The results showed that the  
 121 Toba Batak language and the Angkola Batak language had a kinship relationship. This is  
 122 indicated by finding of the cognate set 114 words, neither identic or not. Based on the results  
 123 of the study, it was found that 95 words had kinship identically and 25 words had kinship but  
 124 there were sound changes, both vowels and consonants [13].<sup>43</sup>. Then, the Kinship System  
 125 in Karo Jahe Language in Bangun Purba Village. In her research, [14] <sup>44</sup> said that the kinship  
 126 system in Bangun Purba Village was based on heredity, marriage and generational order. In  
 127 this case, Nurmala does not compare the Karo Jahe language with other languages [14].<sup>44</sup>.

128 | ——— Suparno also discussed the Kinship of Kitchen Furniture Vocabulary Forms in  
 129 Sudanese and Syrian Arabic. The results of his research showed that the vocabulary in  
 130 Arabic and Sudanese has a kinship which is indicated by the discovery of a number of words  
 131 that have identical relationships, have phonemic correspondence, have phonetic similarities  
 132 and have one phoneme difference [15].<sup>45</sup>.

133 | ———Based on the explanation above, the kinship of Karo, Pakpak and Gayo language  
 134 | does not discuss yet. Therefore, the writer wants to investigate and know about the kinship  
 135 | of Karo, Pakpak, and Gayo languages. In this case, the writers will investigate the kinship  
 136 | between Karo and Pakpak language. Next, the kinship Pakpak and Gayo language.

137

138 | **2. METHODOLOGY**

139

140 | ———The writers used quantitative methods in this research. In this case, the writers used  
 141 | a lexicostatistic approach to determine the level of kinship in Karo, Pakpak, and Gayo  
 142 | languages by comparing the vocabulary contained in these languages and then seeing and  
 143 | determining the similarity of the vocabulary of the three languages. In this case, the basic  
 144 | swadesh vocabulary of 200 words was used to determine the percentage of cognates. After  
 145 | that, the percentage of cognates of the compared words was calculated by using the  
 146 | following formula:

$$C = \frac{k}{n} \times 100\%$$

147 | Where:

148 | K : number of cognates

149 | N : number of words compared

150 | ———The languages used to define kinship must be from the same proto [\[1, 2, 4, 5, 16\].](#)  
 151 | [1,2,4,5,16](#) —To determine that the language has a kinship relationship, here are the steps to be

152 | conducted:

- 153 | 1) Empty words or empty slots do not count. In this case empty words or empty slots  
 154 | such as loan words and invented words (not basic words)
- 155 | 2) Isolation of bound morphemes. In this case, the invented word consisting of free and  
 156 | bound morphemes must be separated first. So, only the basic words are compared.
- 157 | 3) Define the words of relatives. Relative words if they have identical pairs, have  
 158 | phonemic correspondence, have phonetic similarities, and there is only one different  
 159 | phoneme.

160 | To determine the kinship of Karo, Pakpak and Gayo languages, a table classification  
 161 | of language kinship is used based on the percentage of language kinship.

162 | [Table 1.....?](#)

Level of Language	Time of Separation (in century)	Percentage
Language	0-5	81-100%
Family	5-25	36-81%
Stock	25-50	12-36%
Microphilium	50-75	4-12%
Mesophilium	75-100	1-4%
Macrophilium	100-ke atas	Kurang dari 1-1%

163

164 | `

165 | **3. RESULTS AND DISCUSSION**

166

167 | ———Based on the results of the analysis by using a lexicostatistical approach, it was  
 168 | found that the level of language kinship was found. In this case, the level of kinship was  
 169 | studied is the level of kinship of Karo and Pakpak languages. Next, examine the level of  
 170 | kinship between Pakpak and Gayo languages.

171

172 | **[3.1 A-](#) Level of Kinship of Karo and Pakpak Language**

173

174 Based on the results of data analysis, it shows that the level of kinship in Karo and Pakpak  
 175 languages is at the family level. In this case the languages have a close kinship. This is  
 176 indicated by the number of cognate words as many as 140 words of 200 words from the  
 177 swadesh list. Meanwhile, the number of non-cognates words are 60 words. The level of  
 178 kinship of Karo and Pakpak language can be seen through the calculations below.

179 
$$C = \frac{k}{n} \times 100\%$$
  
 180 
$$C = \frac{140}{200} \times 100\%$$
  
 181 
$$C = 70\%$$

182 From the calculation above, the percentage level of kinship of Karo and Pakpak languages is  
 183 70%. The kinship level at 70% indicates that the language has a family kinship level. This  
 184 means that their level of kinship is close. And it can be seen that the time of separation of  
 185 the Karo and Pakpak languages was around 500-2500 years ago. The cognate words of the  
 186 two languages listed in the 200 swadesh words are listed in the following table.

187  
 188 | **Table 2.4 The List of Cognate Word of Karo and Pakpak Language**

<b>Glos</b>	<b>Karo</b>	<b>Pakpak</b>
<i>Air</i> (water)	lau	lae
<i>Akar</i> (root)	urat	urat
<i>Angin</i> (wind)	aŋin	aŋin
<i>Anjing</i> (dog)	bian	bian
<i>Api</i> (fire)	api	api
<i>Atap</i> (roof)	tarum	tarup
<i>Awan</i> (cloud)	əmbun	əmbun
<i>Ayam</i> (hen/cock)	manuk	manuk
<i>Bagi</i> (share)	bagi	bagi
<i>Bisul</i> (ulcer)	barəh	baroh
<i>Bapak</i> (father)	bapa	bapa
<i>Baru</i> (new)	mbaru	rimbaru
<i>Batang</i> (stem)	bataŋ	bataŋ
<i>Batu</i> (stone)	batu	batu
<i>Benar</i> (true)	tuhu	tuhu
<i>Bengkak</i> (swollen)	bəsar	bəsar
<i>Berat</i> (heavy)	mberat	berat
<i>Buru</i> (hunt)	ərburu	buru
<i>Berdiri</i> (stand)	cinder	cender
<i>Renang</i> (swim)	laŋi	laŋe
<i>Jalan</i> (walk)	dalan	dalan
<i>Mimpi</i> (dream)	nipik	nipi
<i>Napas</i> (breath)	kəsah	kəsah
<i>Bintang</i> (star)	bintaŋ	bintaŋ
<i>Buah</i> (fruit)	buah	buah
<i>Bulan</i> (moon)	bulan	bulan
<i>Bunga</i> (flower)	buŋa	buŋa
<i>Busuk</i> (rotten)	macik	macik
<i>Cacing</i> (worm)	gaya	goya
<i>Daging</i> (meat)	jukut	jukut
<i>Darah</i> (blood)	darəh	daroh
<i>Datang</i> (come)	rəh	rəh
<i>Daun</i> (leaf)	buluŋ	buluŋ
<i>Debu</i> (dust)	abu	abu
<i>Di</i> (in)	i	i
<i>Bawah</i> (under)	təruh	təruh

<i>Dia</i> (she/he)	ia	ia
<i>Dingin</i> (cold)	mbərgəh	mbərgəh
<i>Dua</i> (two)	dua	dua
<i>Duduk</i> (sit)	kundul	kundul
<i>Ekor</i> (tail)	ikur	ekur
<i>Empat</i> (four)	əmpat	empat
<i>Engkau</i> (you)	əŋko	kə
<i>Garam</i> (salt)	sira	sira
<i>Gigi</i> (tooth)	ipən	epen
<i>Guntur</i> (thunder)	ləngur	renggur
<i>Hari</i> (day)	wari	ari
<i>Hati</i> (liver)	ate	ate
<i>Hidung</i> (nose)	iguŋ	iguŋ
<i>Hidup</i> (life)	ŋgeluh	ngeluh
<i>Hijau</i> (green)	məratah	meratah
<i>Hitam</i> (black)	mbiriŋ	nberəŋ
<i>Hujan</i> (rain)	udan	udan
<i>Ikan</i> (fish)	ikan	ikan
<i>Ini</i> (this)	ənda	ənda
<i>Jantung</i> (heart)	jantung	jantung
<i>Jarum</i> (needle)	jarum	jarum
<i>Jatuh</i> (fall down)	ndabuh	ndabuh
<i>Jahit</i> (sew)	jait	jait
<i>Jauh</i> (far)	ndaoh	ndaoh
<i>Kambing</i> (goat)	kambing	kambing
<i>Kabut</i> (fog)	rəmaŋ	rəmaŋ
<i>Kaki</i> (leg)	nahe	nehe
<i>Kanan</i> (right)	kemuhən	kamuhən
<i>Kayu</i> (wood)	kayu	kayu
<i>Kelambu</i> (mosquito net)	kelambu	kelambu
<i>Kepala</i> (head)	takah	takal
<i>Kering</i> (dry)	kərah	kərah
<i>Kilat</i> (lightning)	kilap	kilap
<i>Kita</i> (we)	ita	kita
<i>Kuning</i> (yellow)	məgərsiŋ	gərsiŋ
<i>Kutu</i> (lice)	kutu	kutu
<i>Laba-laba</i> (spider)	lawah-lawah	labah-labah
<i>Langit</i> (sky)	lanjit	lanjit
<i>Laut</i> (sea)	lawit	laut
<i>Lebar</i> (wlarge)	mbəlaŋ	mbəlaŋ
<i>Leher</i> (neck)	kərahəŋ	kərahəŋ
<i>Lima</i> (neck)	lima	lima
<i>Lidah</i> (tongue)	dilah	dilah
<i>Malam</i> (night)	berŋi	berŋin
<i>Malu</i> (shame)	mela	mela
<i>Mata</i> (eye)	mata	mata
<i>Mati</i> (dead)	mate	mate
<i>Lipat</i> (fold)	lipat	lipat
<i>Miring</i> (crooked)	mereng	mereng
<i>Bakar</i> (burn)	tutuŋ	tutuŋ
<i>Beli</i> (buy)	tukur	tokor
<i>Bunuh</i> (kill)	mbunuh	bunuh
<i>Pegang</i> (hold)	cikəp	cekep

<i>Peras</i> (squeeze)	pərəh	pəroh
<i>Pilih</i> (choose)	pilih	pilih
<i>Potong</i> (cut)	kərət	kərət
<i>Pukul</i> (hit)	pəkpək	pakpak
<i>Tanam</i> (plant)	tanəm	tanəm
<i>Curi</i> (steal)	taŋko	taŋko
<i>Dengar</i> (listen)	mbəgi	mbəge
<i>Tembak</i> (shoot)	tembak	tembak
<i>Ketuk</i> (knock)	tuktuk	toktok
<i>Garuk</i> (scratch)	gərgo	gorgor
<i>Gigit</i> (bite)	karat	karut
<i>Ikat</i> (tie)	ikət	ekət
<i>Isap</i> (suction)	cəpcəp	cəpcəp
<i>Menguap</i> (evaporate)	payamən	pohamən
<i>Kunyah</i> (chew)	ŋatŋat	ŋatŋat
<i>Tiup</i> (blow)	əmbus	əmbus
<i>Timur</i> (east)	timur	timur
<i>Mereka</i> (they)	Kalak	kalak
<i>Minum</i> (drink)	minəm	mənum
<i>Mulut</i> (mouth)	babah	babah
<i>Muntah</i> (vomit)	mutah	mutah
<i>Naik</i> (go up)	Na?kih	na?kih
<i>Nama</i> (name)	gəlar	gərar
<i>Orang</i> (people)	jəlma	jəlma
<i>Panjang</i> (long)	gədaŋ	gədaŋ
<i>Pasir</i> (sand)	kərsik	kərsik
<i>Perempuan</i> (woman)	dibəru	dabəru
<i>Perut</i> (stomach)	bəltək	bəltək
<i>Tujuh</i> (seven)	pitu	pitu
<i>Putih</i> (white)	məntar	bəntar
<i>Rambut</i> (hair)	buk	buk
<i>Rumput</i> (grass)	dukut	dukut
<i>Satu</i> (one)	sada	sada
<i>Saya</i> (I)	aku	aku
<i>Sayap</i> (wing)	kabən	kabəŋ
<i>Sembunyi</i> (hide)	cəbuni	ciboni
<i>Semua</i> (all)	kərina	karina
<i>Siapa</i> (who)	ise	ise
<i>Tahu</i> (know)	ətəh	itoh
<i>Takut</i> (afraid)	mbiar	mbiar
<i>Tali</i> (rope)	nali	tali
<i>Tanah</i> (soil)	tanəh	tanoh
<i>Tebal</i> (thick)	məkəpal	kapal
<i>Terbang</i> (fly)	kabaŋ	kabaŋ
<i>Janji</i> (promise)	janji	janji
<i>Tidur</i> (sleep)	mədəm	mədəm
<i>Tiga</i> (three)	təlu	təlu
<i>Tikus</i> (mouse)	mənci	mənci
<i>Tua</i> (old)	mətua	tua
<i>Tulang</i> (bone)	tulan	tulan
<i>Usus</i> (intestines)	tuka	bituka

---

189 | ———Table 4-2 shows that the number of cognate words found in Karo and Pakpak  
 190 | languages was 140 words and 60 words are noncognate. The list of noncognate words can  
 191 | be seen in the following table.

192 |

193 |

194 |

**Table 2-3. The List of Non-cognate Word of Karo and Pakpak Language**

<b>Glos</b>	<b>Karo</b>	<b>Pakpak</b>
<i>Abu</i> (ash)	Abu	sirɔbun
<i>Anak</i> (child)	Anak	duka
<i>Apa</i> (what)	kai	kade
<i>Asap</i> (smoke)	gəbuk	asap
<i>Bagaimana</i> (how)	uga	bakunə
<i>Basah</i> (wet)	bəncah	taptap
<i>Bekerja</i> (work)	ərdahin	karejo
<i>Belok</i> (turn)	belok	tekong
<i>Baring</i> (lay down)	taya	pedəm
<i>Kata</i> (word)	ŋərana	kata
<i>Pikir</i> (think)	rukur	piker
<i>Tumbuh</i> (grow)	turah	tubuh
<i>Besar</i> (big)	galan	mbelga
<i>Bulu</i> (fur)	mbulu	bukbuk
<i>Burung</i> (bird)	perik	manukmanuk
<i>Dan, dengan</i> (and, with)	ras	deket
<i>Danau</i> (lake)	lau	danau/pea
<i>Atas</i> (above)	das	babo
<i>Dalam</i> (deep)	bas	bagas
<i>Dimana</i> (in)	l ja	idike
<i>Hitung</i> (count)	kira	etong
<i>Hutan</i> (forest)	kəranən	rambah
<i>Ibu</i> (mother)	nande	inaŋ
<i>Isteri</i> (wife)	ndəhara	ndaberu
<i>Itu</i> (that)	ah	i
<i>Jahat</i> (wicked)	gutul	jahat
<i>Kapan</i> (when)	ndigan	dahari
<i>Kiri</i> (left)	kawəs	kambirang
<i>Kotor</i> (dirty)	məlkət	durun
<i>Kulit</i> (skin)	kulit	koling
<i>Lain</i> (other)	sidəban	laen
<i>Laki-laki</i> (man)	dilaki	daholi
<i>Makan</i> (eat)	man	mangan
<i>Lihat</i> (see)	nəhən	təŋən
<i>Ludah</i> (saliva)	cidur	edur
<i>Belah</i> (split)	naka	bəlah
<i>Buka</i> (open)	nalənŋi	buka
<i>Tangis</i> (cry)	ŋandun	tangis
<i>Cium</i> (kiss)	ŋəma	cium
<i>Alir</i> (flow)	malər	jarir
<i>Gali</i> (dig)	ukal	kurak
<i>Tikam</i> (stab)	nəbak	tikam
<i>Merah</i> (red)	məgara	mbara
<i>Nyamuk</i> (mosquito)	renjit	namuk
<i>Panas</i> (hot)	melas	ngara
<i>Payudara</i> (breast)	tetek	susu

<i>Pendek</i> (short)	gəndək	joppok
<i>Rumah</i> (house)	rumah	sapo
<i>Sakit</i> (ill)	sakit	cio
<i>Sempit</i> (narrow)	picət	sempit
<i>Suami</i> (husband)	perbulanən	daholi
<i>Tahun</i> (year)	tahun	tahun
<i>Tajam</i> (sharp)	ntələp	tajəm
<i>Tangan</i> (hand)	tan	tangan
<i>Telinga</i> (ear)	cupiŋ	penggəl
<i>Telur</i> (egg)	təlor	naruh
<i>Tertawa</i> (laugh)	tawa	tertaba
<i>Tipis</i> (thin)	məlipəs	nipis
<i>Tumpul</i> (blunt)	mantul	tompəl
<i>Ular</i> (snake)	nipe	ulok

195

196 | **3.2B-The level of kinship of Pakpak and Gayo Language**

197

198 | ———Based on the results of data analysis showed that the level of kinship of Pakpak and  
 199 Gayo language is at the level of family kinship. The list of cognate words of the two  
 200 languages is 81 words of 200 Swadesh words. While non cognate words are 119 words. In  
 201 this case, these languages are still classified as very far for language kinship if it is seen  
 202 from the percentage even though they have a family relationship level. The level of kinship of  
 203 the two languages can be seen through the following calculation.

204

$$C = \frac{k}{n} \times 100\%$$

205

$$C = \frac{82}{200} \times 100\%$$

206

$$C = 41\%$$

207 | ———From calculation above, the percentage level of kinship of the two languages is

208

209

210

211

212

213

41%. Based on the concept stated by Crowley that the kinship level of 41% indicates that the language has a level of family kinship. In this case, the level of kinship between Pakpak and Gayo is still very far if it is seen from the percentage level. The cognate words found from the two languages when comparing the languages can be seen in the following table.

**Table 3-4. The List of Cognate Words of Pakpak and Gayo Language**

Glos	Pakpak	Gayo
<i>Akar</i> (root)	urat	uyət
<i>Asap</i> (smoke)	asap	asap
<i>Awan</i> (cloud)	əmbun	əmun
<i>Bagaimana</i> (how)	bakunə	kunə
<i>Bagi</i> (share)	bagi	bagi
<i>Bisul</i> (ulcer)	baroh	barah
<i>Batang</i> (stem)	batan	batan
<i>Batu</i> (stone)	batu	atu
<i>Berat</i> (heavy)	berat	bərət
<i>Jalan</i> (walk)	dalan	ralan
<i>Mimpi</i> (dream)	nipi	nipi
<i>Napas</i> (breath)	kəsah	kəsah
<i>Pikir</i> (think)	pikir	Piker
<i>Bintang</i> (star)	bintan	bintan
<i>Buah</i> (fruit)	buah	uah
<i>Bulan</i> (moon)	bulan	ulən
<i>Bunga</i> (flower)	buŋa	buŋə
<i>Burung</i> (bird)	manukmanuk	manuk

<i>Darah</i> (blood)	daroh	rayoh
<i>Daun</i> (leaf)	buluŋ	uluŋ
<i>Debu</i> (dust)	abu	Awuh/dul
<i>Di</i> (in)	i	i
<i>Bawah</i> (under)	təruh	tuyoh
<i>Duduk</i> (sit)	kundul	kunul
<i>Engkau</i> (you)	ko	ko
<i>Garam</i> (salt)	sira	sira
<i>Gigi</i> (tooth)	epen	ipon
<i>Guntur</i> (thunder)	renggur	gegur
<i>Hati</i> (liver)	ate	ate
<i>Hidung</i> (nose)	iguŋ	iyuŋ
<i>Isteri</i> (wife)	ndaberu	bəbəru
<i>Jahat</i> (wicked)	jahat	jahat
<i>Jantung</i> (heart)	jantung	jantu
<i>Jarum</i> (needle)	jarum	jarum
<i>Jahit</i> (sew)	jait	jit
<i>Kambing</i> (goat)	Kambing	Kambi
<i>Kayu</i> (wood)	kayu	Kayu
<i>Kelambu</i> (mosquito net)	kelambu	kelmu
<i>Kilat</i> (lightning)	kilap	Kilət
<i>Kita</i> (we)	kita	Kitə
<i>Kutu</i> (lice)	kutu	Kutu
<i>Lain</i> (other)	laen	Len
<i>Langit</i> (sky)	lanjit	Lanjit
<i>Laut</i> (sea)	laut	Lut
<i>Lidah</i> (tongue)	dilah	delah
<i>Makan</i> (eat)	mangan	maŋan
<i>Mata</i> (eye)	mata	mata
<i>Mati</i> (dead)	mate	mate
<i>Lipat</i> (fold)	lipat	lipət
<i>Miring</i> (crooked)	mereng	Mere
<i>Bakar</i> (burn)	tutuŋ	Tutu
<i>Belah</i> (split)	bəlah	bəlah
<i>Bunuh</i> (kill)	bunuh	unuh
<i>Pilih</i> (choose)	pilih	pilih
<i>Potong</i> (cut)	kərat	kərat
<i>Tanam</i> (plant)	tanəm	tanom
<i>Cium</i> (kiss)	cium	cum
<i>Alir</i> (flow)	jarir	jaril
<i>Ketuk</i> (knock)	toktok	tətok
<i>Gali</i> (dig)	kurak	kuruk
<i>Ikat</i> (fold)	ekət	ikot
<i>Timur</i> (east)	timur	timur
<i>Minum</i> (drink)	mənum	minum
<i>Nama</i> (name)	gərar	gərəl
<i>Nyamuk</i> (mosquito)	namuk	namuk
<i>Orang</i> (people)	jəlma	jəlma
<i>Payudara</i> (chest)	susu	susu
<i>Perempuan</i> (woman)	dabəru	bəbəru
<i>Tujuh</i> (seven)	pitu	pitu
<i>Rambut</i> (hair)	buk	wok
<i>Satu</i> (one)	sada	sara

<i>Saya</i> (I)	aku	aku
<i>Sayap</i> (wing)	kabəŋ	kəpek
<i>Tajam</i> (sharp)	tajəm	təjəm
<i>Tali</i> (rope)	tali	tali
<i>Tanah</i> (soil)	tanoh	tanoh
<i>Telur</i> (egg)	naruh	tənaroh
<i>Janji</i> (promise)	janji	janji
<i>Tiga</i> (three)	təlu	tulu
<i>Tipis</i> (thin)	nipis	nipis
<i>Tua</i> (old)	tua	tuə
<i>Tulang</i> (bone)	tulan	tulən

214 | ——— Table 3-4 shown that the number of cognate words found in Pakpak and Gayo is 82  
215 | words and the non-cognate words 118 words. The list of non-cognate words can be shown  
216 | in the following table.

217

218 | **Table 4-5. The List of Non-Cognate Words of Pakpak and Gayo Language**

<b>Glos</b>	<b>Pakpak</b>	<b>Gayo</b>
<i>Abu</i> (ash)	sirʌbun	wau
<i>Air</i> (water)	læe	wæh
<i>Anak</i> (child)	duka	anak
<i>Angin</i> (wind)	Aŋin	kuyu
<i>Anjing</i> (dog)	bian	asu
<i>Apa</i> (what)	kade	hana
<i>Api</i> (fire)	api	rara
<i>Atap</i> (roof)	tarup	supu
<i>Ayam</i> (hen/cock)	manuk	kurek
<i>Bapak</i> (father)	bapa	ama
<i>Baru</i> (new)	rimbaru	ayu
<i>Basah</i> (wet)	taptap	basah
<i>Bekerja</i> (work)	karejo	buət
<i>Belok</i> (turn)	tekong	kisər
<i>Benar</i> (true)	tuhu	bətul
<i>Bengkak</i> (swollen)	bəsar	kəmuŋ
<i>Baring</i> (lay down)	pedəm	gulaŋ
<i>Buru</i> (hunt)	buru	muŋaro
<i>Berdiri</i> (stand)	cəndər	səsuk
<i>Renang</i> (swim)	laŋe	nawe
<i>Kata</i> (word)	kata	cərak
<i>Tumbuh</i> (grow)	tubuh	murip
<i>Besar</i> (big)	mbelga	kul
<i>Bulu</i> (fur)	bukbuk	jaŋut
<i>Busuk</i> (rotten)	macik	borok
<i>Cacing</i> (worm)	goya	kətol
<i>Daging</i> (meat)	jukut	dəngke
<i>Dan, dengan</i> (and, with)	deket	rum
<i>Danau</i> (lake)	danau/pea	dano
<i>Datang</i> (come)	rəh	geh
<i>Debu</i> (dust)	abu	Awuh/dul
<i>Atas</i> (above)	babo	atas
<i>Dalam</i> (in)	bagas	was
<i>Dimana</i> (where)	idike	l si
<i>Dia</i> (she/he)	ia	we
<i>Dingin</i> (cold)	mbərgəh	səjuk

<i>Dua</i> (two)	dua	roa
<i>Ekor</i> (tail)	ekur	uki
<i>Empat</i> (four)	empat	opat
<i>Hari</i> (day)	ari	lo
<i>Hidup</i> (life)	ngeluh	murip
<i>Hijau</i> (green)	meratah	ijo
<i>Hitam</i> (black)	nberen	itəm
<i>Hitung</i> (count)	etong	kirə
<i>Hujan</i> (rain)	udan	urən
<i>Hutan</i> (forest)	rambah	utən
<i>Ibu</i> (mother)	inaŋ	inə
<i>Ikan</i> (fish)	ikan	gulə
<i>Ini</i> (this)	Ənda/en	ini
<i>Itu</i> (that)	i	oya
<i>Jatuh</i> (fall down)	ndabuh	mətuh
<i>Jauh</i> (far)	ndaoh	gip
<i>Kabut</i> (fog)	rəmaŋ	kabut
<i>Kaki</i> (leg)	nehe	kidinŋ
<i>Kanan</i> (right)	kamuhən	kuən
<i>Kapan</i> (when)	dahari	səlo
<i>Kepala</i> (head)	takal	ulu
<i>Kering</i> (dry)	kərah	kəriŋ
<i>Kiri</i> (left)	kambirang	kiri
<i>Kotor</i> (dirty)	durun	kotek
<i>Kulit</i> (skin)	Koling	kulit
<i>Kuning</i> (yellow)	gərsiŋ	kuniŋ
<i>Laba-laba</i> (spider)	Labah-labah	ləlawah
<i>Laki-laki</i> (man)	daholi	rawan
<i>Lebar</i> (large)	mbəlaŋ	kolak
<i>Leher</i> (neck)	kərahoŋ	roŋok
<i>Lima</i> (five)	lima	limə
<i>Malam</i> (night)	berŋin	kələm
<i>Malu</i> (shame)	mela	kəmel
<i>Lihat</i> (see)	təŋən	eŋon
<i>Ludah</i> (saliva)	edur	eleh
<i>Beli</i> (buy)	tokor	bəli
<i>Buka</i> (open)	buka	ukə
<i>Pegang</i> (hold)	cekep	amat
<i>Peras</i> (squeeze)	pəroh	mulia
<i>Pukul</i> (hit)	pakpak	pəpok
<i>Tangis</i> (cry)	tangis	moŋot
<i>Curi</i> (steal)	taŋko	osoh
<i>Dengar</i> (listen)	mbəge	pəŋe
<i>Tembak</i> (shut)	tembak	bədil
<i>Garuk</i> (cratch)	gorgor	kəkor
<i>Gigit</i> (bite)	karut	ket
<i>Isap</i> (suction)	cəpcəp	isəp
<i>Menguap</i> (evaporate)	pohamən	map
<i>Kunyah</i> (chew)	ŋatŋat	ŋəŋal
<i>Tikam</i> (stab)	tikam	tənik
<i>Tiup</i> (blow)	əmbus	yup
<i>Merah</i> (red)	mbara	ilaŋ
<i>Mereka</i> (they)	kalak	pakəa

<i>Mulut</i> (mouth)	babah	awah
<i>Muntah</i> (vomit)	mutah	loah
<i>Naik</i> (go up)	na?kih	nik
<i>Panas</i> (hot)	ngara	porak
<i>Panjang</i> (long)	gədaŋ	naru
<i>Pasir</i> (sand)	kərsik	one
<i>Pendek</i> (short)	joppok	konot
<i>Perut</i> (stomach)	bəltək	tukə
<i>Putih</i> (white)	bəntar	putih
<i>Rumah</i> (house)	sapo	umah
<i>Rumput</i> (grass)	dukut	kərpe
<i>Sakit</i> (ill)	cio	sakit
<i>Sembunyi</i> (hide)	ciboni	təmuni
<i>Sempit</i> (narrow)	Sempit	empət
<i>Semua</i> (all)	karina	bewene
<i>Siapa</i> (who)	ise	sa
<i>Suami</i> (husband)	daholi	rawan
<i>Tahu</i> (know)	itoh	bətih
<i>Tahun</i> (year)	tahun	tun
<i>Takut</i> (afraid)	mbiar	tərih
<i>Tangan</i> (hand)	tangan	pumu
<i>Tebal</i> (thick)	kapal	təbəl
<i>Telinga</i> (ear)	penggəl	kəmiring
<i>Terbang</i> (fly)	kabaŋ	tərbaŋ
<i>Tertawa</i> (laugh)	tertaba	kədik
<i>Tidur</i> (sleep)	mədəm	nome
<i>Tikus</i> (mouse)	mənci	tikus
<i>Tumpul</i> (blunt)	tompəl	tumpul
<i>Ular</i> (snake)	ulok	lipe
<i>Usus</i> (intestines)	bituka	tətuke

219

220 | **3.3C. The level of kinship of Karo and Gayo Language**

221

222 | ———Based on the results of data analysis showed that the level of kinship of Karo and  
 223 Gayo language is at the level of family kinship. The list of cognate words of the two  
 224 languages is 76 words of 200 Swadesh words. While non cognate words are 124 words. In  
 225 this case, these languages are still classified as very far for language kinship if it is seen  
 226 from the percentage even though they have a family relationship level. The level of kinship of  
 227 the two languages can be seen through the following calculation.

228

$$C = \frac{k}{n} \times 100\%$$

229

$$C = \frac{76}{200} \times 100\%$$

230

$$C = 38\%$$

231 | ———From calculation above, the percentage level of kinship of the two languages is

232

233

234

235

236

237

38%. Based on the concept stated by Crowley that the kinship level of 38% indicates that the language has a level of family kinship. In this case, the level of kinship between Pakpak and Gayo is still very far if it is seen from the percentage level. The cognate words found from the two languages when comparing the languages can be seen in the following table.

**Table 5.6. The List of Cognate Words of Karo and Gayo Language**

Glos	Karo	Gayo
<i>Akar</i> (root)	Urat	uyət
<i>Anak</i> (child)	Anak	anak

<i>Awan</i> (cloud)	əmbun	əmun
<i>Bagi</i> (share)	bagi	bagi
<i>Bisul</i> (ulcer)	barəh	barah
<i>Batang</i> (stem)	batan̄	batan̄
<i>Batu</i> (stone)	batu	atu
<i>Berat</i> (heavy)	mbərat	bərat
<i>Jalan</i> (walk)	dalan	ralan
<i>Mimpi</i> (dream)	nipik	nipi
<i>Napas</i> (breath)	kəсах	kəсах
<i>Bintang</i> (star)	bintan̄	bintan̄
<i>Buah</i> (fruit)	buah	uah
<i>Bulan</i> (month)	bulan	ulən
<i>Darah</i> (blood)	darəh	rayoh
<i>Datang</i> (come)	rəh	geh
<i>Daun</i> (leaf)	bulun̄	ulun̄
<i>Di</i> (in)	i	i
<i>Atas</i> (above)	das	atas
<i>Bawah</i> (under)	təruh	tuyoh
<i>Dalam</i> (in)	bas	was
<i>Duduk</i> (sit)	kundul	kunul
<i>Engkau</i> (you)	əŋko	ko
<i>Garam</i> (salt)	sira	sira
<i>Gigi</i> (tooth)	ipən	ipon
<i>Guntur</i> (thunder)	ləngur	gəgur
<i>Hati</i> (liver)	ate	ate
<i>Hidung</i> (nose)	igun̄	iyun̄
<i>Hitung</i> (count)	kira	kirə
<i>Hujan</i> (rain)	udan	urən
<i>Jantung</i> (heart)	janto	jantu
<i>Jarum</i> (needle)	jarum	jarum
<i>Jahit</i> (sew)	jait	jit
<i>Kambing</i> (goat)	Kambi*	Kami*
<i>Kayu</i> (wood)	kayu	kayu
<i>Kilat</i> (lightning)	kilap	kilet
<i>Kita</i> (we)	ita	kite
<i>Kulit</i> (skin)	kulit	kulit
<i>Kutu</i> (lice)	kutu	kutu
<i>Laba-laba</i> (spider)	Lawah-lawah	ləlawah
<i>Langit</i> (sky)	lan̄jit	lan̄jit
<i>Lima</i> (five)	lima	limə
<i>Lidah</i> (tongue)	dilah	delah
<i>Mata</i> (eye)	mata	mata
<i>Mati</i> (dead)	mate	mate
<i>Lipat</i> (fold)	lipat	lipət
<i>Miring</i> (crooked)	mereng	Mere*
<i>Bakar</i> (burn)	tutun̄	Tutu*
<i>Bunuh</i> (kill)	mbunuh	unuh
<i>Pilih</i> (choose)	pilih	pilih
<i>Potong</i> (cut)	kərat	kərat
<i>Tanam</i> (plant)	tanəm	tanom
<i>Ikat</i> (tie)	ikət	ikot
<i>Kunyah</i> (chew)	ŋatŋat	ŋəŋal
<i>Timur</i> (east)	timur	timur

<i>Minum</i> (drink)	minəm	minum
<i>Nama</i> (name)	gəlar	gərəl
<i>Orang</i> (people)	jəlma	jəlma
<i>Payudara</i> (chest)	tetek	susu
<i>Perempuan</i> (woman)	dibəru	bəbəru
<i>Tujuh</i> (seven)	pitu	pitu
<i>Rambut</i> (hair)	buk	wok
<i>Rumah</i> (house)	rumah	umah
<i>Sakit</i> (sick)	sakit	sakit
<i>Satu</i> (one)	sada	sara
<i>Saya</i> (I)	Aku	aku
<i>Sayap</i> (wing)	kabən	kəpek
<i>Tali</i> (rope)	nali	tali
<i>Tanah</i> (soil)	tanəh	tanoh
<i>Janji</i> (promise)	janji	janji
<i>Tiga</i> (tiga)	təlu	tulu
<i>Tua</i> (old)	mətua	tuə
<i>Tulang</i> (bone)	tulan	tulən
<i>Ular</i> (snake)	nipe	lipe
<i>Usus</i> (intestines)	tuka	tetuke

238 | Table 5-6 shown that the number of cognate words found in Karo and Gayo  
239 | language is 76 words and the non-cognate words 124 words. The list of non-cognate words  
240 | can be shown in the following table.

241  
242

**Table 6-7. The List of Non-Cognate Words of Karo and Gayo Language**

<b>Glos</b>	<b>Karo</b>	<b>Gayo</b>
<i>Abu</i> (ast)	Abu	wau
<i>Air</i> (water)	Lau	waəh
<i>Angin</i> (wind)	Anjin	kuyu
<i>Anjing</i> (dog)	biaŋ	asu
<i>Apa</i> (what)	kai	hana
<i>Api</i> (fire)	api	rara
<i>Asap</i> (smoke)	gəbuk	asap
<i>Atap</i> (roof)	tarum	supu
<i>Ayam</i> (hen/ turn)cock)	manuk	kurek
<i>Bagaimana</i> (how)	uga	kunə
<i>Bapak</i> (father)	bapa	ama
<i>Baru</i> (new)	mbaru	ayu
<i>Basah</i> (wet)	bəncəh	basah
<i>Bekerja</i> (work)	ərdəhin	buət
<i>Belok</i> (turn)	belok	kisər
<i>Benar</i> (true)	tuhu	bətul
<i>Bengkak</i> (swollen)	bəsar	kəmun
<i>Baring</i> (lay down)	taya	gulaŋ

<i>Buru</i> (hunt)	ərburu	munjaro
<i>Berdiri</i> (stand)	cinder	səsuk
<i>Renang</i> (swim)	lanji	nawe
<i>Kata</i> (word)	ŋərana	cərak
<i>Pikir</i> (think)	rukur	Piker
<i>Tumbuh</i> (think)	turah	murip
<i>Besar</i> (big)	galan	kul
<i>Bulu</i> (fur)	mbulu	janjut
<i>Burung</i> (bird)	perik	manuk
<i>Busuk</i> (rotten)	macik	borok
<i>Cacing</i> (worm)	gaya	kətol
<i>Daging</i> (meat)	jukut	dəngke
<i>Dan, dengan</i> (and, with)	ras	rum
<i>Danau</i> (lake)	lau	dano
<i>Debu</i> (dust)	abu	Awuh/dul
<i>Dimana</i> (where)	l ja	l si
<i>Dia</i> (she/he)	ia	we
<i>Dingin</i> (cold)	mbərgəh	səjuk
<i>Dua</i> (two)	dua	roa
<i>Ekor</i> (tail)	ikur	uki
<i>Empat</i> (four)	əmpat	opat
<i>Hari</i> (day)	wari	lo
<i>Hidup</i> (life)	ŋgeluh	murip
<i>Hijau</i> (green)	məratah	ijo
<i>Hitam</i> (black)	mbirin	itəm
<i>Hutan</i> (forest)	kəranən	utən
<i>Ibu</i> (mother)	nande	inə
<i>Ikan</i> (fish)	ikan	gulə
<i>Ini</i> (this)	ənda	ini
<i>Isteri</i> (wife)	ndəhara	bəbərū
<i>Itu</i> (that)	ah	oya
<i>Jahat</i> (wicked)	gutul	jahat
<i>Jatuh</i> (fall down)	ndabuh	mətuh
<i>Jauh</i> (far)	ndauh	gip
<i>Kabut</i> (fog)	rəman	kabut

<i>Kaki</i> (leg)	nahe	kidinŋ
<i>Kanan</i> (right)	kemuhən	kuən
<i>Kapan</i> (when)	ndigan	səlo
<i>Kelambu</i> (mosquito net)	kelambu	keltu
<i>Kepala</i> (head)	takah	ulu
<i>Kering</i> (dry)	kərah	kəriŋ
<i>Kiri</i> (left)	kawəs	kiri
<i>Kotor</i> (dirty)	məlkət	kotek
<i>Kuning</i> (yellow)	məgərsiŋ	kuniŋ
<i>Lain</i> (other)	sidəban	len
<i>Laki-laki</i> (man)	dilaki	rawan
<i>Laut</i> (sea)	lawit	lut
<i>Lebar</i> (wide)	mbəlaŋ	kolak
<i>Leher</i> (neck)	kərahunŋ	ronŋok
<i>Makan</i> (eat)	man	maŋan
<i>Malam</i> (night)	berŋi	kələm
<i>Malu</i> (shamed)	mela	kəmel
<i>Lihat</i> (see)	nəhən	eŋon
<i>Ludah</i> (saliva)	cidur	eleh
<i>Belah</i> (split)	naka	bələh
<i>Beli</i> (buy)	tukur	bəli
<i>Buka</i> (open)	nalanŋi	ukə
<i>Pegang</i> (hold)	cikəp	amat
<i>Peras</i> (squeeze)	pərəh	mulie
<i>Pukul</i> (hit)	pəkpək	pəpok
<i>Tangis</i> (cry)	ŋanduŋ	monŋot
<i>Cium</i> (kiss)	ŋəma	cum
<i>Curi</i> (stole)	taŋko	osoh
<i>Dengar</i> (listen)	mbəgi	pəŋe
<i>Tembak</i> (shoot)	tembak	bədil
<i>Alir</i> (flow)	malər	jaril
<i>Ketuk</i> (knock)	tuktuk	tətok
<i>Gali</i> (dig)	ukal	kuruk
<i>Garuk</i> (scratch)	gərgo	kəkər
<i>Gigit</i> (bite)	karat	ket

<i>Isap</i> (taste)	cəpcəp	isəp
<i>Menguap</i> (evaporate)	payamən	map
<i>Tikam</i> (stab)	nəbak	tənik
<i>Tiup</i> (blow)	əmbus	yup
<i>Merah</i> (red)	məgara	ilaŋ
<i>Mereka</i> (they)	Kalak	pakəa
<i>Mulut</i> (mouth)	babah	awah
<i>Muntah</i> (vomit)	mutah	loah
<i>Naik</i> (go up)	Na?kih	nik
<i>Nyamuk</i> (mosquito)	reŋit	namuk
<i>Panas</i> (hot)	melas	porak
<i>Panjang</i> (long)	gədaŋ	naru
<i>Pasir</i> (sand)	kərsik	one
<i>Pendek</i> (short)	gəndək	konot
<i>Perut</i> (stomach)	bəltək	tukə
<i>Putih</i> (white)	məntar	putih
<i>Rumput</i> (grass)	dukut	kərpe
<i>Sembunyi</i> (hide)	cəbuni	təmuni
<i>Sempit</i> (narrow)	picət	empət
<i>Semua</i> (all)	kərina	bewene
<i>Siapa</i> (who)	ise	sa
<i>Suami</i> (husband)	perbulanən	rawan
<i>Tahu</i> (know)	ətəh	bətih
<i>Tahun</i> (year)	tahun	tun
<i>Tajam</i> (sharp)	ntələp	təjəm
<i>Takut</i> (afraid)	mbiar	tərih
<i>Tangan</i> (hand)	tan	pumu
<i>Tebal</i> (thick)	məkəpal	təbəl
<i>Telingə</i> (ear)	cupiŋ	kəmiriŋ
<i>Telur</i> (egg)	təlor	tənəroh
<i>Terbang</i> (fly)	kabaŋ	tərbaŋ
<i>Tertawa</i> (laught)	tawa	kədik
<i>Tidur</i> (sleep)	mədəm	nome
<i>Tikus</i> (mouse)	mənci	tikus
<i>Tipis</i> (thin)	məlipes	nipis

243

244

#### 4. CONCLUSION

245

246

247

248

249

250

251

252

253

254

255

256

257

#### COMPETING INTEREST

258

259

260

261

262

#### AUTHOR'S CONTRIBUTION

263

264

265

266

267

268

269

270

#### REFERENCES

271

272

273

1. Matasović R. COMPARATIVE AND HISTORICAL LINGUISTICS. <http://www.eolss.net/sample-chapters/c04/e6-20b-05-00.pdf>

274

275

2. Lee Ching Siew. *Comparative and Historical Linguistics.*; 2018. doi:10.1007/978-1-349-13421-2\_35

276

3. Robbin RH. *A Short History of Linguistics.* Longman; 1975.

277

4. Gorys K. *Linguistik Bandingan Historis.* Gramedia Pustaka Utama; 1991.

278

5. Gorys K. *Linguistik Bandingan Historis.* Gramedia Pustaka Utama; 1984.

279

280

6. Ning Yu. Embodiement, Culture and language. In: *The Roudledge Handbook of Language and Culture.* 1st ed. ; 2014:13.

281

282

283

7. Luo W, Hartmann J, Liu J, Huang P. Geographic patterns of Zhuang (Tai) kinship terms in Guangxi and border areas: A GIS analysis of language and culture change. *Soc Cult Geogr.* 2007;8(4):575-596. doi:10.1080/14649360701529840

284

285

8. Siahaan, E. K. D. *Survei Monografi Kebudayaan Pakpak Dairi Di Kabupaten Dairi. Departemen.*; 1977.

286

9. Sinuhaji T dan H. *Batu Pertulanen Di Kabupaten Pakpak Dairi.*; 1999.

287

10. Zabadi F. *Istilah Kekerabatan Bahasa Indonesia dan Bahasa Minangkabau: Analisis*

- 288 Kontrastif dalam Pemelajaran Bahasa. *Imajeri J Pendidik Bhs dan Sastra Indones.*  
289 2020;3(1):14-26. doi:10.22236/imajeri.v3i1.5605
- 290 11. Hale KL. Kinship Reflections in Syntax: Some Australian Languages. *WORD.*  
291 1966;22(1-3):318-324. doi:10.1080/00437956.1966.11435458
- 292 12. Surbakti EB. Kekerabatan Bahasa Karo, Minang, dan Melayu: Kajian Linguistik  
293 Historis Komparatif. *J Chem Inf Model.* 2014;53(9):1689-1699.
- 294 13. Mualita G. Kekerabatan Bahasa Batak Toba Dan Bahasa Batak Angkola Suatu  
295 Kajian Linguistik Historis Komparatif. *Arkais - J Ilmu Bhs dan Sastra Indones.*  
296 2015;6(1):46. doi:10.21009/arkhais.061.08
- 297 14. Nurmala & Sudartomo Macaryus. SISTEM KEKERABATAN DALAM BAHASA  
298 BATAK KARO JAHE DI DESA BANGUN PURBA KECAMATAN BANGUN PURBA  
299 KABUPATEN DELI SERDANG. *CARAKA.* 2016;3(1).
- 300 15. Suparno D, Qosebaty A. Kekerabatan Bentuk Kosakata Perabot Dapur dalam  
301 Bahasa Arab Sudan dan Suriah. *Bul Al-Turas.* 2020;26(1):1-17.  
302 doi:10.15408/bat.v26i1.8781
- 303 16. Crowley T. *An Introduction to Historical Linguistics.* University of Papua New Guinea  
304 Papua; 1987.
- 305