THE TAI LANGUAGE AS SPOKEN BY THE TAI-PHAKAES

Aimya Khang Gohain Research Assistant., Tai Language Section Assamese Department., Dibrugarh University

- 1.1 Tai-Phakae, the people: The Tai-Phakaes, according to their chronicles, migrated from Müng-Mau (Keng-chen). In 1215 A.D. King Sükhanpha sent one Prince Cao-Taiwho established Müng-Kwang, the Phakae principality. It was also known as Phakae-ce-hing and Müng-Ho-Kong, as it was situated at the head of the Nam-Kong river. Kwang-Taü was its capital. In 1933 Mung-Mau was occupied by the Chinese. The Phakae principality came under the Mung-Kong kings. Later Mung-Kong was in turn occupied by the Burmese in the middle of the 17th century. Due to oppressions the Tai-Phakaes left Hukong in 1775 and came to Assam. They joined the Tai-Khamtis in occupying Saiya by defeating the Ahom Governor Sadiyakhoa Gohain. The Ahom reinforcements defeated them in 1798-99 and brought them to Jorhat, the Ahom capital. The Burmese during the First Burmese invasion of Assam in 1817 asked them to return to Hukong. They returned as far as the Namchik river when the British occupied Assam in 1826. They came down and permanently settled in Assam mostly on the bank of the Buridihing (Namhuk) river in the undivided Dibrugarh district scattered in ten villages, namely-Namphakae, Tipamphakae, Borphakae, Munglang, Ningkam, Phaneng, Manmo, Nonglai, Long and Lungkung. Their biggest village Namphakae has about 550 individuals. Their total population is nearly 3000.
- 1.2 The etymology of the term Phakae: It is consisted of two words; Pha (king) and kae (old); another meaning is pha (rock) and kae (old); their chronicles indicate as "ancestors of very old dynasty" or ruling class of the Tai people who lived near a rocky cave near Kwang-Taü. (Tam-nan pha-lun nake pen tha:m / pha huyaô cam phun wo'lai ak ma'kin nake = nearby there was a rocky cave from where at dawn the cows came out for grazing. -Phakae Chronicle.)

- 1.3 Like all other Tai people the Phakaes dwell on stilt house built facing either north or south. They are Theravadi Buddhists. But they have one non-Buddhistic observance twice a year in May and November in observing a taboo day (wan-kam) while propitiating Phi-Su-Mung (state-deity) in a simple ceremony and is said to have continued since their coming from Mung-Mau. Earlier their education and cultural life, as it is now, was the Buddhist Vihara. Tai monks and laymen from Mung-Kong and Hu-Kong used to come and live among them. During the 19th and early 20th century such communication was maintained. One monk U panna Mahathera composed the Tai Mahabharata in 4 volumes and one version of Ramayana (Lama-Mang) in 1860. The other version of Lama-Mang was composed by Pu-Chamoi, a Phakae scholar, in 1840. The other monk U Gandama Mahathera built up a collection of about 2000 Tai manuscripts before his death in 1934. This collection is now increased upto 3600 Tai manuscripts with about 250 headings.
- 1.4 Tai-Phakae dress is colourful and very distinctive. The womenfolk weave clothes for their family use. They are proud of their family descent and till recently they rarely married outside their own community. So their strength was deteriorating. However, with modern education and socio-economic pressure, cultural changes have set in in their social customs and behaviours. The learning of Tai-Phakae language is found less in favour among the youths due to socio-economic reasons and lack of Government patronage.
- 2.1 Relations with other Tai groups: The Ahoms under King Sukapha came from Mung-Mau in 1215, passed through Phakae-ce-ring and conquered Assam in 1229. They ruled Assam till 1825. The Ahom kings had frequent exchange of embassies with the Mung-Kong kings and vice-versa. Both the embassies had to pass through the Phakae principality who were always concerned in their political relations. The Ahoms adopted Assamese as Court language for communications with others. Tai was retained only among the higher and priestly classes for communicating with the Tai Mung-Kong kings and for writing their chronicles. Devoid of royal patronage after the British occupation, the Ahoms have totally forgotten their Tai language.
- 2.2 Like the Tai-Phakaes other smaller Tai groups came to Assam at the end of the 18th century. The Tai-Khamtis came from their principality Khamtlong. The Tai-Aitons, the Tai-Khamjangs and the Tai-Turungs came from

Hu-Kong. Now the Khamjangs speak Assamese like the Ahoms and the Turungs speak Singpho (Kachin) dialect. So of the six groups of Tai people in Assam and Arunachal Pradesh, only the three smaller groups, viz. the Khamtis, the Phakaes and the Aitons speak Tai. Any dissimilarity of speeches found among these three groups is mere of accent. In writing there is very little difference. Of the total of about 20 million population of Assam and Arunachal Pradesh, the Tai groups constitute only about an eighth and of it only about .5 per cent (i.e. about .08 per cent of the total population) speak Tai.

3.1 Phonological aspect of Tai as spoken by the Tai-Phakaes:

The alphabets: The Tai-Phakaes has followed and accepted the Mung-Kong northern Shan scripts, which is round in forms, as do the Tai-Khamtis and other smaller Tai groups of Assam. The northern Shan alphabet including the Khamtis has 17 letters. The Ahoms use their older angular form scripts and the alphabet has 19 letters while the southern Shan has 18 letters. The comparative alphabets are shown below:

CONSONANT:

N.Shan: 100 Ahom Ľ m S.Shan: 00 Э С ഹ . သ T တ ch ñ th 'kh n C t d English: k N.Shan: U w လ Ahom w B 20 v U w U e ٩. N S.Shan: 0 t/y r 1 ph m p English:

r

3.1.1 The Ahoms have later by the end of the 16th and beginning of the 17th century adopted five dipthong letters for writing Hindu names: e.g.

مر د/ع مر د/م g gh jh dh bh The last three letters are mere addition of w to ch th ph.

3.2 <u>VOWELS</u>: List of vowel phonemes in Tai-Phakae:

	Fr	Front		Central		Back	
	Short	Long	Short	Long	Short	Long	
High	i	i:			u	u:	
Mid-high Mid-low	e <u>E</u> /ai	e: E:	u	ü:	o 9/au	o: ə:	
Low			a	a:			

Dipthongs

aü:

/i/i:/ high unrounded front :

/i:/ second daughter; /tin/ leg ;/ ki:/ loom.

/e/e:/ mid-high unrounded front:

/e:/ longing ;/pet/ duck ;/ ke:/ less.

/E/E:/ mid-low unrounded front :

/E:/ elephant grass; / pEt/ eight;/kE/ old,aged.

/a/a:/ central open :

Mid-low

/a:/ open ; /ka:t/ market ; /ka:/ dance

/ü/ü:/ mid-high unrounded central :

/ü:/ yes ; /tük/ mud ; /tüu:/ to increase.

/3/3:/ mid-low rounded back:

/3:/ yes; /k3k/ cup; /t3:/ to fight.

/o/o:/ mid-high rounded back :

/ok/ fifth daughter ; /kon/ man ; /ko:/ fear.

/u/u:/ high rounded back :

/u:/ to stay ; /khut/ to dig ; /ku:/ bedstead.

/au/ mid-low unrounded central. occurs initially and finally.

/au/ correlated pain ; /cau/ mind.

- /ai/,au/ The peculiarity among the Tai-Phakae speakers is that due to stress and pitch accent, the pronounciation of E and when followed by k and n tends to make the close vowel more open as ai and au. e.g.

 /pEk/ > /paik/ = mistake ;/ pEŋ/ > /paiŋ/ = sweets
 /k3k/>/kauk/ = a cup ; /kaŋ/>/kauŋ/ = drum.
 /3k/>/auk/ = to come out; /3ŋ/>/auŋ/= success.
- 3.2.2 There are also vowel dipthongs which appear as vowels in contact with deliberate speech. Such dipthongs are / ai oi ui ao eo io /. E.g. kai = fowl; kôi = end; kui = banana; kao = old; keo = to hook; kio = midthin.
- 3.2.3 Semi-vowels and Liquids: / w / y / r / l / The letters W and Y when placed before a word are sounded like consonant, and at the end of a word like vowel. E.g./wa:o/ = open place; /ya:o/ = long; /a:y/ = shame, vapour.

The liquids \underline{r} and \underline{l} often assume the value of vowels even when clustered and no difference in pronounciation is maintained in Tai-Phakae. The Burmese influence has turned many \underline{r} pronounciation into \underline{y} in a cluster. e.g.

tain kôk kôk = tan klôk klôk.(to speak incessantly).
yôm piŋ piŋ = yôm pliŋ pliŋ > yom pyiŋ pyiŋ (v
 very thin). chra = chla > chya. (teacher).
apat = aprat > apyat > apyet. (sin).

3.3 Consonant : List of phonemes in Tai-Phakae:

Class	bi-labial	alveolar	palatal	velar	glottal
Contact.					
- Vl. unasp.	p _,	t		k	
Vl. asp.	ph	th		kh	
Fricative:				•	
Vl. unasp.			C		

V1. unasp. V1. asp

Voiced

h

Nasals

Voiced

m

n

ŋ

Lateral

Vd. unasp.

1

Semi-Vowels frictionless Vd.

У

3.3.1 The peculiarity is that every consonant letter is pronounced with inherent short vowel a attached as ka kha etc. Consonants occur in the initial and medial position. There is no final consonant sound at the end of a syllable in Tai-Phakae. The following eight consonant letters / k Ŋ n t n p m w / may occur finall without consonant sound. e.g.

mapâk (pumpkin) kachaň (what) ke¶chen (Mung-Mau) paha:t (eel fish)

phatin (sole of foot) mâikata:p (bamboo clapper) ka: ophum (bun of hair) khat ka: o (hairpin)

3.4 The Tai-Phakae words are formed with consonant and vowel to make a word syllable as follows :

î: (reed); u: (father); 3: (a kind of reed). (flute); tE (to establish); k3 (to begin); C+V pi V+C ik (to add); $\Im k$ (to come out); ap (to bathe). C+V+V pao (vacant); kai (fowl); t@i (to stike).

C+V+C tan (piece); tip (narrow); kEp (husk).

V+V air (to cough); aó (to take). io (to shout).

4.1 The linguists recognize six tones in Tai-Phakae; They are-

1. Even tone with slight rise at the end

2. High tone

3. Grave tone with glottal stop

4. Falling tone

5. Grave tone

kha trellis

khá thatch grass

kha slave, to kill

khâ to slander

khã branch High rising tone

khả to search

4.1.1 There are also close and open tone of the dipthong vowels and when two consonants are placed one after the other in a word syllable. e.g.

Close tone (short vowel) open tone (vowel length)

1. ka	ao long used,old	ka:o to remember prayer
2. ka	aó I	ka:ó spider
3. k	aò nine	ka:o calf of leg; bun of
	•	hair
4. t	aô to prop or support	ta:o a title of rank
	ao ash	ta:o to return; to fall
6. k	hảo they	kha:o white
1. k	ak to stammer	<pre>ka:k spoon, small wicker basket</pre>
1 k-	at to bite, to gnaw	ka:t market
	aή to crumble	pa:Ŋ to invite
1. t	ap liver	ta:p slap
6. n	am many	na:m thorn

5.1 Morphology and Syntax :

The word order in the sentence is subject + verb + object. The adjective comes after the noun it qualifies. The adverb comes either at the beginning or at the end of the sentence. Possession is conveyed by simply placing the possessive pronoun after the noun. e.g.

Tai-Phakae: munaî ka:ŋnău ŋónaiŋ haó nÊ kiń khaò kha English : today morning cow red our the eat paddy their ši-u ti kaŋ ná: nÊ yâo. continue at mid (paddy) field the completed.

Free translation: Today morning our red cow was eating their paddy in the mid (paddy) field.

The first reaction in the above sentence is : Who did? : <u>no nE</u> the cow What colour is the cow? : naiŋ red Whose cow? : hao our What is it doing? : kin eat What is it eating? : khao paddy Whose paddy? : khao their

Where is it eating? : ti kan na: at the mid

field

When is it eating? : munai kannau today

morning

So we get the sequence: no nain hao kin khao khao ti ka na: munai kannau.

- 5.2 Article: a and the comes as a post-position. e.g. $\eta_{\text{o nai}} \eta_{\text{nE}} = \text{the red cow}; \quad \eta_{\text{o nai}} \eta_{\text{ling}} = \text{a red cow}.$
- 5.3 Verb and tenses: The main root of the verb does not change in number, tense and mood. Only tense marker is added to the verb either at pre-position or postposition. In pasttense <u>yao</u>, <u>yaoka koi</u> are added as post position. In Continuous tense <u>si-u</u> for the present and si-u vao for the past are added. In Future tense tak pre-position tense marker is added; tak is shortened to ta. e.g. tak-kin = ta-kin: shall eat. (Shan: tEkin).
- 5.3.1 Negative words are used according to sense and placed as pre-position. e.g.

(indicative) not going.
(imperative) do not go. mao-ka

va-ka

pai-ka (indicative of time) do not go; i.e.not yet time.

mao pai-ka mao h9n-ka (do do) has not yet gone. (in the sense of never) never to go.

am-ka (indicative and imperative) not going or

not to go

Sometimes in colloquial speaking one hears partial incorporating words in Tai-Phakae :

kai-yeünka. (=kao-ye mao-ka). I am not going.

man wa makin wot. (=man wa man mao kin wa u). He said he is not eating.

het-yê ta-peń chaj ? (=het ka cam tapeń chaj ?) If done what will happen ?

5.4 Pronouns are mainly Personal and Demonstrative. e.g.

Singular Plural First Person : kaó haó we maü'you su you Second Person : Third Person : mań he/she khảo they In addressing superior and honourable persons $\underline{\text{cao}}$ is ever added after the addressee word and \underline{kha} on the part of the speaker. e.g.

kaó-khà / haó-khà I humble self/we humbleselves. maú-cao / sú-cao your honour mań-caò / khảo-caò his honour / their honour chra-caò the honourble teacher. (char = acharyya) chra-moń-caò the honourable acharyya bhikkhu. (the bhikkhu is ever a teacher. So acharyya) caò-peń-caò to very high officials. phâ-peń-caò to king, His Royal Majesty.

In old writing of Phakae chronicles A (Phra) and A (Phwa) both are seen, as in Ahoms. But it is now pronounced as Pha.

5.4.1 <u>Case-markers of Pronoun</u>: Certain help-words are added as pre-position to Pronoun, both in singular and plural numbers to indicate the Cases. These help-words fix the relationship of syntactical connections. The case-markers are-

Case	Case-markers	Remarks
Nominative		No Case marker
Accusative	hań, cã:	<pre>han kao. given me (for keeping)</pre>
		<pre>ca: kao. given me (for personal)</pre>
Instrumental	aó , lùi	ao mit ten. to
		pierce with a knife ma lui man. come in company of a friend.
Dative	că:	hauka ca: man. given to him.
Ablative	lukchĚ	<pre>lukchE man/lukti man/</pre>
	lukti	<pre>lukchEti man nai ma. got from him.</pre>
	lukchEti	
	luktaìm	<pre>luktam chEmun ma-ma. came from Rangpur.</pre>
Possessive	:	none. Only Pronoun word sits after the

Locative ti, titam

noun (the possessed) wai-ka ti-thai. keep it here.

5.5 Word-building:

Besides the monosyllabic words some compound words are formed to get required meaning by making coupling between noun + noun, noun + adjective , noun + verb , verb + noun and verb+verb. e.g.

N + N. len + lum: vehicle + wind = motor vehicle

len + phai: vehicle + fire = railway train

nâm + ta:: water + eye = tear

nâm + ài : water + sugarcane=molasses

N + Adj. nin + nam : earth + black = coal

5.5.1 Having no tone marks, use of a classifier or coupling word is made to make the meaning of a word clear. e.g.

phà phun lun : cloth piece one. a piece of cloth phâ mau lun : knife blade one. a blade of knife phà yət lun : pha shoot one. a shoot of pha plant khà kon lun : servant man one. a servant

kila kon luij . Selvane man one. a Selvane

khá chen lu $\hat{\eta}$: thatch string one. a string or blade of thatch

khà kan phan kan: kill cut each other. killing each other

6.1 Phonetic Changes:

Changes occur in every phonetc language. Tai-Phakae is no exception due to their geographical migration and social and environmental changes. We may compare Tai-Phakae words with other cognate groups. e.g.

English	Phakae F	Khamti	N.Shan	Aiton	Ahom	Thai 1	Remarks
1	2	3	4	5	6	7	8
man	koń	koń	koń	koń	koń	khoń	k > kh
to trade	kâ	kâ	kâ	kâ	kâ	khá	
true	tÊ	tÊ	tÊ	tÊ	tÊ	thÊ	t > th
Tai(race)	taí	taí	taí	taí	taí	thaí	
village	man	man	man	ban	ban	ban	m > b
flower	mOk	mOk	mOk	b3k	blOk	d3k	m>b>d
sun	wan	wań	wań	bań	bań	bań	W > b
moon to open	nün	nün	lün	dün	dün	dün	n>1>d
eyes	münta	a münta	münta	münta	münta	lümta	m > 1
we	haó	haó	haó	haó	raó	raó	h > r
grandmother	r ya į	yã	yã	yá	já	yã	y > j
city wall	keng	_	keng	keng	keng	chien	g k > ch
to seek	khǎ	khǎ	khǎ	khǎ	khǎ	hǎ	kh > h
to give	hàü	hàü	hàü	hàü	hàü	hài	au>ai
big heart	yaü caü	yaü caü	yaü caü	yaü caü	yaü cau	yai cai	au>au>a

6.2 <u>Semantic changes</u>:

Under new environment many Tai words acquired new meaning in cognate languages or other neibouring languages. e.g.

chanai (= rare, dear of sentimental value) becomes chenai in Ahom, later in Assamese, to mean "a lover" = a very dear one of sentimental value. Change in contraction of meaning.

bao-ran-ĉi (written as bu-ran-ji) means "never to be shown". The Tai Royal Chronicles were never to be shown to any unauthorised person. This very word came to mean ironically in Assamese "history".It is a transference of meaning, just like in Sanskrit "taskar" = doer of that i.e. something unthinkable comes to mean "thief".

So also some change in meaning between or among cognate branches.

müwan in Phakae on the day in Thai yesterday

hěn	"	to look up	11	to see
yu:n	"	without move-	"	stand
len	tt.	to run	11	to play
kap	"	to bite		
kat	"	to gnaw	"	to bite etc.

6.3 Absorption of foreign words:

The Tai-Phakae people had lived in Hukong among the Singphos (Kachins) for over 550 years from 1215 to 1775 A.D., for over 200 years from mid 17th to the end of 19th century under the Burmese rule or at least had influence of Burmese language. Again for over 200 years from 1775 todate in Assam among variety of people, mainly Assamese. Naturally they have absorbed quite a lot of foreign words and many have become bi-lingual as required for their day to day living. Being Buddhists many Pali words are included in their religious conversation. Some examples are

word		meaning	<u>remarks</u>
ncaü (Si ch 3 p (ngpho+Tai) ")	not correct beautiful	<pre>n = no(Singpho) or corruption of am caü</pre>
Ù	(Burmese)	father	Tai words p3 and
			<u>cao</u> are also used.
куəij	111	temple	Tai <u>wat</u> also used.
mahanat		pineapple	Tai <u>mak-keŊ́-hૐ</u> m
mantaka	n	guava	Tai <u>manokham</u>
pencachi	(pali-Pancas	sila)five precep	ots Tai <u>chin-ha</u>
chetca	(" sacha)		
ape ~	(" apaya)		
nana	(" ~nana)	knowledge	
kamit	(Assamese-Ka	J .	
kitap	(" kita	• '	mada atau
ut	, ττα		Tai <u>nin-ci</u>
iskut	(English) school	
kƏlet	(") college	
l ə tio	(") radio	
chilik	(") cigarette	etc. etc.

6.3.1 The Ahoms and the Phakaes had their writing of chronicles in a very similar manner. e.g.

From Ahom Chronicle

(caŋ hàu caòphâ lắn luấmá ban phan kon cam̂ lakhì ráimît jao cam̂. la:pi cam̂ thaò-lip-liấn cam̂ thaò-ban-chěŋ luŋ chỗn kon tauphâ cham mun muấn) Free translation: then caused the grandson of the king to come down and create and establish officials in the year raimit. Late in the year Thao-lip-ling and Thaoban-seng came down to teach and instruct the people of thirty thousand (city) states under the king.

From Phakae Chronicle:

(pí laklì háimit cam̂. thaò-lip-liŋ́ chɔŋ-khǎ thaò-mak-chan lnŋ wan phań koń. In luŋ́ tao-khǎ chǎm mün müŋ́.)

Free translation: In the year haimit, Thao-lip-ling and Thao-mak-chan both came down and created and established officials and visited to look into the thirty thousand (city) states.

Both these narrations are about the Khunlung-Khunlai days in the sixth century A.D. However, the writings among the Ahoms, northern Shans and the Phakaes have shown quite a good number of foreign words later. e.g.

Free translation : In the year katpao (1792) the Prime minister ordered to give army materials such as firearms (pathorkolai). Given also cartridge and coats and helmet and waistbelt, and brass drum "domoru".

Note: <u>Assamese words</u> : pathorkolai = flintgun ; tupi = hat, helmet; domoru = drum. <u>Hindusthani words</u>: sipahi =

soldier; kurti = coat ; Burmese (Myanmar) words: chenat
= gun ; English word: kaptuch = cartridge.

Northern Shan from Waisali M.ngvang. 1817 A.D.: in poem တော့ လေး လုံး လုံ လေ ငေး ဘု သိုက်တံ တွင်လေ မ ပောက် လိုင် ဘုတ် ဝူလေသ်တာ သိ လွှင် လေး တော့သာ သွင်သွင် လေး တော့သာ သွင်သွင် လေး တော့သာ သွင်သွင် လေး လေးသွင် လိုင်တွင် တွေ့ပေး လေး လေးလိုက်ပြွသို့ ရင်ပေသိ မ

(t) che chốn chẳm lé ná hà nữn tam twak-là. pa hàu hữ hột wachanta nài khảo mọ ye phùn yam, nanta. nan-nâi min-ma ana nuk-thwak lat pac, l ton caò pai khun lémak chẳm won pun pan.)

Free translation: Even if two three four five months are required, do not allow rainy season overtake you and soak you. In this way the mighty king sent his calculated orders to the three generals with soldiers on their forward march.)

Note: Burmese (Myanmar) words: le' = four ; ŋa' = five ; twakle = calculated ; wachanta = Pali word for rainy season; mo = rain ; ye = water; miŋ'-ma = king's orders ; ana = mighty ; lemak = soldier; won = general, minister.

Tai-Phakae from Waisali Thaomung. 1840 A.D. in poem:

(maŋ koń hekwa tak pJi cứ khảo luŋtá kha-J mayu pà hỏkJŋ camai. kànphJŋ hekwa nàiyu ley yảo mao khàu pai thảŋ pum nJi. Tan-nâi hỏcau siŋphJ lJphá aki minăm waŋ lai hJi kuchèn).

Free translation: Some thought that they would go back to Hukong to their earlier in-laws. But some thought that after having stayed at the plains for so long, they would not like to go back to the hills. In this way the Singphos due to their greed and pride were confused

Note: Assamese word; jamai = son-in-law; leyang = Singpho for plains, valley; pum = hill (Singpho); aki = pride(Myanmar).

3.6

greatly in every way.)

7.0 CONCLUSION:

The Tai-Phakae people though a very small group have a very rich cultural heritage and heirlooms. They have their (1).historical chronicles, (2).religious books and manuscripts, (3).two great epics Lama-mang (Ramayana) in two versions, and Thammapuktram (Mahabharata) in four volumes, (4).Thammasat (Code of justice) (5).folk-tales, (6).Khe-khyangs (ballads), (7) astrological calculations, (8). herbal medicinea etc.

The one time mighty Ahoms have lost their language. So also the Khamjangs and the Turungs. They still have a chance for revival or at least regain to some extent their lost language through the Phakaes, and also the Khamtis and the Aitons. The Phakaes are also now in the threshold of being lost, unless the Ahoms and the Government come to help. The Tai-Phakaes have a saying:

ma pai hai. = Dog roams in a jhumfield. i.e.an
useless trip.

A riddle : ta:í chẳm pi manão hồkhao tang tuŋ́ - khuŋ́.

= Died three years ago, but not rotten. Its knees
are still erect as they were. (dead spider).

And a proverb:

mâi phâk ký pen tak : = trees separated from grove

become pieces.

mak phak pha pen phun: - = cloud separated from sky

becomes rain drops.

koń phâk muŋ́ pen pun : = men separated from country

become alien.

Sometimes it occurs in their mind whether all their contributions will be "useless trip"; or though appears to be dead, but still not "rotten"; or have they become alien or are they soon going to be alien from their own people like the "rain-drops"? They have to wait and see.

Bibliography:

- 1.Barua, G.C. Ahom Buranji, Baptist Mission Press, Calcutta, 1930.
- Seidenfaden, E. The Thai Peoples, Siam Society, Bangkok 1958.
- 3. Grierson, G.A. Linguistic Survey of India, Motilal Banarsidas, Varanasi, 1966, 2nd Edn.

- Medha, Banchob Bandhu. Tai-Phakae English Thai Dictionary Bangkok, 1987.
- Boon-mit, Wieng-In. Handbook of Spoken Thai, Dept. of Linguistics, Deccan College, Poona, 1989.
- Goswami, S.N. Studies in Sino-Tibetan Languages, Gauhati University, 1988.
- Mangrai, Cao Saimüng. Pap Hün Lik Tai Maü., Toungyi, Myanmar, 1961.
- 8. Taraporewala, Irach I.S. Elements of Science of Language, 3rd Edn. 1962, Calcutta University.
- Barua, B.K. Asomar Bhasa, Students Emporium, Dibrugarh, 1990
- Lik-Khü-Khun; Tai-Phakae Historical Chronicles (unpublished)
- 11. Lik Waisali, 1) "Müngyang and" 2) Phakae. 2 volumes (unpublished) and other Tai-Phakae (unpublished manuscripts).