The Timah Language

M.M.N.H.

October 2017

CONTENTS 2

Contents

1			5											
	1.1	External History	5											
	1.2	Internal History	5											
_														
2		07	5											
	2.1	Consonants	5											
		2.1.1 Consonant Allophony	5											
		2.1.2 Dialectal Variations of Consonants	6											
	2.2	Vowels	6											
		2.2.1 Vowel Allophony	7											
		2.2.2 Dialectal Variations of Vowels	7											
		2.2.3 Stress	7											
	2.3	Phonological Processes	7											
		2.3.1 Vowel Harmony	7											
			8											
			8											
	2.4		8											
	۷,٦		8											
			9											
			9											
	۰		9											
	2.5		9											
		•	9											
		2.5.2 Restraints	9											
3	Outl	nography	9											
3	Orti	iography	יכ											
4	Syn	Syntax 9												
	4.1		9											
		4.1.1 Syntactic, Semantic, & Discourse Roles												
	4.2	Alignment												
			Ŭ											
5	Nou	ins 1	0											
	5.1	Pronouns	0											
		5.1.1 Personal	1											
		5.1.2 Interrogative/Relative	1											
		5.1.3 Demonstrative												
	5.2		1											
		Declensions												
	5.5	5.3.1 Cases												
	E 1													
	5.4	<u> </u>												
	5.5	Noun Classes	.3											
6	Verl	bs 1	3											
•	6.1	Active & Stative Verbs												
	6.2	Valency Classes												
	0.2	6.2.1 Valency-Altering Operations												
		U.Z.I VAICHCY-AICHIIX UPCIALIUHS	4											
	6.3	Volitional Classes	1											

LIST OF FIGURES 3

	6.4	Conjugations	4
		6.4.1 Pronominal Proclitics	
		6.4.2 Polypersonal Proclitics	
		6.4.3 Voice	
		6.4.4 Expressive Moods	
		6.4.5 Mood & Aspect	
		6.4.6 Evidentiality	5
		6.4.7 Venitive, Andative & Applicatives	6
	6.5	Serial Verb Constructions(?)	6
	6.6	Essential Copulae	
		6.6.1 Assertive-Essential	6
		6.6.2 Negative-Essential	6
		6.6.3 Revelatory-Essential	6
	6.7	Existential Copulae	6
		6.7.1 Assertive-Existential	6
		6.7.2 Negative-Existential	6
		6.7.3 Revelatory-Existential	6
7		riptives & Derivation 1	
	7.1	Derivation	7
_			
8	Nun	ierals 17	7
9	Ideo	phones 1	Q
9		Ideophonemes	
	9.1	Ideophones	
	9.4	9.2.1 Phonomimes	
		9.2.2 Phenomimes	
		9.2.3 Psychomimes	
		5.2.5 Fsycholimics	G
10	Sem	antics & Pragmatics 1	8
		Topic-Comment Structure	
		Existence	
		Yak/Tiger Dichotomy	
		Deixis	
			Ī
11	App	endix A: Table of Polypersonal Proclitics	9
L	ist	of Figures	
	1	Consonant Phonemes	5
	2	Vowel Phonemes	6
	3	Vowel Harmony	7
	4	Harmony Spread	7
	5	· ·	8
	6		8
	7	**	8
	8		9
	9		9
	10	Personal Pronouns	

LIST OF FIGURES 4

11	Article Enclitics	11
12	Cases	12
13	Noun Classes	13
14	Pronominal Proclitics	14
15	Voice	15
16	Aspect & Mood	15
17	Numerals	17
18	Consonant Ideophonemes	18
19	Polypersonal Proclitics	19

1. INTRODUCTION 5

1 | Introduction

1.1 | External History

The Timah language (timah [timah]; lit. <u>language</u>, speech) is a constructed language (conlang) made by me, Mareck (M.M.N.H.). Its primary goal is simply to be documented entirely in ETEX (LaTeX).

Like most of my constructed languages, it tries to focus balancing between the interesting and the naturalistic, in terms of phonology, grammar, etc. Naturalism, however, is not the primary goal. I have therefore given myself the freedom to take liberties in terms of naturalism.

1.2 | Internal History

The Timah language is spoken by the Khogòjòhe people $(k^h 2k) t c^3 le$ [$k^h 0 k 0 d c^3 le$] lit. many-person).

2 | Phonology

2.1 | Consonants

	Labial	Alveolar	Palatal	Velar	Glottal	Placeless
Nasal	m	n				N
Plosive		t ^h t t	t¢ ^h t¢ t¢	$\mathbf{k}^{\mathrm{h}}\;\mathbf{k}\;\mathbf{k}$?	
Fricative		$S^h S S$			h	
Approximant	w	1	j			

Figure 1: Consonant Phonemes

- /th t t/ are dental; /n sh s t l/ are alveolar.
- /t¢h t¢ t¢/ are alveolo-palatal; /j/ is palatal.
- /h/ is articulated with true frication of the glottis, i.e. it is not a voiceless glottal approximant.
- /N/ is a nasal coda archiphoneme |N|, i.e. not an uvular nasal¹.
- The aspirated obstruents $/t^h\ tc^h\ k^h\ s^h/$ may be accompanied by slight breathy-voice on the following vowel.
- The fortis obstruents /t̥ tc̞ ḳ s̞/ are articulated with laryngeal tension, and may be accompanied by slight creaky-voice on the following vowel.

2.1.1 | Consonant Allophony

• /m n/ surface as the implosives [6 d] word-initally.

 $^{^1}$ Yes, I say /ən $^{\text{l}}$ uvjələ $^{\text{l}}$ /. Deal with it.

2. PHONOLOGY 6

• The coda archiphoneme |N| surfaces as [n n n] before alveolar, (alveolo-)palatal, and velar plosives, respectively. It surfaces as nasalization of the preceding vowel before all other consonants. It surfaces word-finally as [n].

- The aspirated obstruents $/t^h t c^h k^h s^h / are$ deäspirated to [t tc k s] intervocalically and after /N/.
- The tenuis obstruents /t t φ k s/ are voiced to [d dz g z] intervocalically and after /n/.
- /kh/ surfaces as [x] before [a].
- /n/ is palatalized to [n] before [i] word-medially.
- The sibilants $/s^h$ s s^h are palatalized to $[c^h$ c^h c^h before [i]. $[c^h]$ is voiced to $[c^h]$ is deaspirated to $[c^h]$ intervocalically and after /N/.
- /l/ surfaces as [r] intervocalically and after /n/.
- /w/ surfaces as [v] before [i].

2.1.2 | Dialectal Variations of Consonants

- In some [which?] dialects, the fortis plosives /t tç k s/ may surface as ejectives [t' tç' k' s'] or geminates [tt ttç kk ss].
- In some [which?] dialects, the alveolo-palatals /tçh tç tç/ may surface as alveolar affricates [tsh ts tsh].
- In some [which?] dialects, the lateral [l] has merged with either /j/ or /n/.
- In some [which?] dialects, the glottal fricative /h/ may be realized as pharyngeal [ħ].
- Depending on dialect [which ones?] and idiolect, the lateral /l/ may variously surface as any of [x 1 y 1 y 2 y 3.

2.2 | Vowels

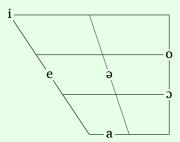


Figure 2: Vowel Phonemes

- /e/ is true mid [e]².
- /a/ is near-front [a] (i.e. not central [ä]).

²[e o] will be transcribed as [e o] for the sake of brevity.

2. PHONOLOGY 7

2.2.1 | Vowel Allophony

- All vowels are nasalized before nasal consonants.
- /i/ surfaces as [i] after the velars /kh k k/ and before coda [ŋ]
- /o ɔ/ raise to $[u\ o]^2$ word-finally in open syllables, after the velars $/k^h\ k\ k\ w/$, and before coda [n].
- /a/ surfaces as $[x \sim \epsilon]$ after the palatals /tch tc tc j/ and before coda /j/.

2.2.2 | Dialectal Variations of Vowels

- Some^[which?] dialects have merged the back mid vowels /o ɔ/ into true mid [o̞].
- Some [which?] dialects have merged the back the front vowels /i e/ into [i \sim 1]

2.2.3 | Stress

Stress placement in Timah is phonologically determined and is not phonemic.

Stress occurs on the left-most live syllable, wherein a syllable ending in a sonorant /N w j/ or long vowel are grouped as *live* and those ending in /? h/ are grouped as *dead*.

Open syllables (i.e. syllables with a short vowel and no coda) are superseded by live syllables but take precedence over dead syllables in terms of stress hierarchy.

2.3 | Phonological Processes

2.3.1 | Vowel Harmony

Timah displays vowel harmony based on tongue root position.

Vowels are divided into two classes: +ATR and -ATR, traditionally grouped as *light* and *heavy* vowels. If ambiguous, vowels are assumed to be of the +ATR class.

Figure 3: Vowel Harmony

Vowel harmony is very pervasive; harmony spreads rightwards from a stressed vowel until it is terminated.

Vowel harmony is terminated after dead syllables (i.e. syllables ending in /? h/) and non-harmonizing morphemes, e.g. clitics and certain affixes.



Figure 4: Harmony Spread

2. PHONOLOGY 8

2.3.2 | Obstruent Alterations

Radical	Fortis	Tenuis	Aspirate
*t	ţ	t	t^{h}
*t¢	tç	tç	tc^{h}
*k	ķ	k	\mathbf{k}^{h}
*s	ş	S	s^{h}
*?		?	h

Figure 5: Obstruent Alterations

2.3.3 | Approximant Nasalization

Approx.	Nasal
w	m
1	-
i	n

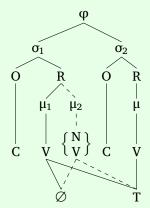
Figure 6: Approximant Nasalization

2.4 | Tone

Timah has two distinct tonemes: *high* and *low*, as well as the option of being unmarked for tone. Tonally unmarked syllables are phonetically realized identically to the low tone, but unlike low tone, it can be affected by various tonological processes such as *tone association* and *tone mobility*.

2.4.1 | Tone Association

Tone association is the process in which the tone of a given syllable spreads (or doesn't spread) to the preceding toneless syllable.



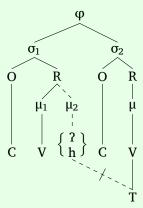


Figure 7: Tone Association

3. ORTHOGRAPHY 9

2.4.2 | Tone Mobility

2.4.2.1 | **Leftward Tone Shift** At the end of a Prosodic Unit (PU), all tones are shifted one syllable leftward until a toneless syllable, leaving the final syllable toneless.



Figure 8: Leftward Tone Shift

2.4.2.2 | Rightward Tone Shift

2.5 | Phonotactics

2.5.1 | Syllable Structure

$$CV(T)(V^3(T)|H|S)$$
 $H = \{7,h\}$
 $S = \{N,w,j\}$
 $T = \{6,\delta\}$

Figure 9: Syllable Structure

2.5.2 | Restraints

These phonotactic restraints govern allomorphy.

- The nasal coda /n/ cannot precede a nasal /m n/.
- The glottal codae /? h/ cannot precede another glottal /? h/.
- The glottal coda /h/ cannot precede a sonorant /m n w l j/.
- The glides /w j/ cannot precede another glide /w j/.

3 | Orthography

4 | Syntax

4.1 | Sentence Structure

Word order in Timah is primarily *Subject-Object-Peripheral-Verb* in independent clauses, and secondarily *Verb-Subject-Object-Peripheral* in dependent clauses. Only the *verb* must be present.

³Long vowel codae must be homorganic in vowel quality but not necessarily in tone quality.

5. NOUNS 10

The *Subject*, or syntactic agent, is the thing that performs the verb; the verb may grammatically agree with the subject's *person*, *number*, and *modality*. It consists of one or more noun phrase(s).

The *Object*, or syntactic patient, is the thing that the verb is directly performed upon; the verb may agree with the salience, or level of affectedness, of the object. It, like the subject, consists of one or more noun phrase(s).

The *Peripheral*, or indirect object, is the thing that the verb is indirectly performed upon. It is usually marked with a *postposition* (cf. § 5.4) or *oblique case* (cf. § 5.3.1) and consists of noun or prepositional phrase(s).

The *Verb* is the action that is performed within a statement. It consists of one or more *verb phrase(s)*. Some verbs may not take a subject or object (cf. § 6.2).

4.1.1 | Syntactic, Semantic, & Discourse Roles

- Agent
 - **Subject**; syntactic agent
 - Actor; semantic agent
 - Topic;
- Patient
 - **Object**; syntactic patient
 - **Undergoer**; semantic patient
 - Focus:

4.2 | Alignment

The morphosyntactic alignment in Timah is a type of dually-split-ergative. *Realis* nouns align in an *active-stative* manner, while *Irrealis* nouns align in an *ergative-absolutive* manner.

The *active-stative* alignment is only used on realis arguments and is split-S, i.e. the case of the subject of a monovalent verb is determined by the verb's inherent *volitional class* (cf. § 6.3). Volitional verbs' subject takes the agentive case, while non-volitional verbs' subject take the patientive case. In *multivalent* (i.e. an ambivalent or polyvalent verb that takes two or more arguments, cf. § 6.2) verbs, the agentive marks the subject and the patientive marks the object.

The *ergative-absolutive* alignment is used only on irrealis arguments. In multivalent verbs, the *ergative* marks the subject and the agentive marks the object. In monovalent verbs, the agentive marks the subject.

Timah is secundative, with the *theme* (object that is directed toward the recipient) of a trivalent verb (i.e. a polyvalent verb that takes three arguments) being marked by the postposition li (cf. § 5.4).

5 | Nouns

5.1 | Pronouns

5. NOUNS 11

5.1.1 | Personal

			Agt.	Pat.	Assoc.	Loc.						
	1		lə	ləhi	ján	s ^h aj	_					
Sg.	2		nó	nə	nò)			Agt.	Erg.	Assoc.	Loc.
	0	Anim.	tá?	táhi	4	1 71.						
	3	Inan	h	an	t¢àn	kéh		1	ká	tà?	t¢à	ləj
		Inan.	110	an			_	2	nóó	r	ıəw	sś
	1		to	tò	ţáv	V						50
	_							3	sásá		kín	ŞƏW
Pl.	2		noó	nóò	né	j						
		Anim.	ţó?	ţóhi						(b) Irr	ealis	
	3	21111111.			t¢ ^h on	kèè						
		Inan.	t ^h	ON								
			(a) Re	alis								

Figure 10: Personal Pronouns

5.1.2 | Interrogative/Relative

5.1.3 | Demonstrative

5.2 | Article Enclitics

Articles in Timah attach as enclitics to the final element of their head noun phrase.

	Referential		Non-ı	referential
	Visible	Non-visible	Visible	Non-visible
Singular	= mɔ́ɔ	=han	= şi	= <u>t</u> é?
Plural	= ka	$=$ m \acute{e}	$=k^h \partial N$	=t¢áá

Figure 11: Article Enclitics

5.3 | Declensions

5.3.1 | Cases

- Agentive (*Agt.*): In *multivalent* verbs (i.e. *ambivalent* or *polyvalent* verbs that take two or three arguments, cf. § 6.2), the *agentive* case marks a realis subject or an irrealis object. In *monovalent* verbs, it marks a volitional realis subject (cf. § 6.3) or irrealis subject.
- Patientive (*Pat.*): In polyvalent verbs, the *patient* case marks a realis object. In monovalent verbs, it marks a non-volitional realis subject.
- Ergative (*Erg.*): In polyvalent verbs, the *ergative* case marks an irrealis *subject*. It also indicates an inalienable genitive.
- Associative (*Assoc.*): The *associative* case marks alienable relations that can be further clarified using prepositions.

5. NOUNS 12

• Locative (*Loc.*): The *locative* case marks physical and/or temporal location and movement that can be expanded upon using prepositions.

	Realis	Irrealis		Realis	Irrealis
Agt.	-Ø	-né	Agt.	-Ø	-té
Pat.	-si	-sén	Pat.	-si	-sén
Erg.	-?i	-ho	Erg.	-ķi	-k ^h o
Assoc.	-wə	110	Assoc.	-kə	K O
Loc.	-tçó	-je	Loc.	-tçó	-se
	(a) Open			(b) Closed	1

Figure 12: Cases

The *Associative* and *Locative* cases may be accompanied by a postposition (cf. § 5.4). In isolation the *Associative* takes the meaning of an alienable genitive (in contrast to the *Ergative*, which may have an inalienable genitive meaning) and the *Locative* takes on the meaning of a general locative or temporal (i.e. marking place or time).

5.4 | Postpositions

There are two types of postpositions in Timah: those of *Association* and those of *Location*. These types are directly related to the *Associative* and *Locative* noun cases, as the Postpositional Object must take the respective case of its postposition.

- · Associative Postpositions
 - lí : accompaniment/use
 - ke: lack of accompaniment/use
 - sì: intent of reference/relation
 - khono: intent of benefit/purpose
 - t¢é: state of being
 - khò: change of state
 - kéh: similarity/comparison
 - toka: causation
- Locative Postpositions
 - tí: movement toward
 - s^hì: movement away from
 - mí: movement onto
 - tçòɔ: movement under
 - t^hìsé : movement into
 - sii?i: movement out of
 - tçoli : beginning of movement/time

6. VERBS 13

- ?an: end of movement/time

- kan?a: movement through, by way of, adjacent to

so?a: in front of/below/beforesàkə: behind/above/aftersee?á: between, amidst, within

- sothe: surrounding, around, encompassing

5.5 | Noun Classes

Noun classes in Timah are separated into the groups *Realis* and *Irrealis*, which are in part related to verbal modality (cf. § 6.4.5), but are also determined by the speaker's semantic notion of existence concerning the noun in question (cf. § 10.2).

The *Realis* group is further divided into the classes *Animate* and *Inanimate*, and also distinguishes the *Singular* and *Plural* numbers. The *Irrealis* group does not make any of these distinctions in isolation, but number can be indicated by articles (cf. § 5.2).

The concepts of *realis* and *irrealis* are directly associated with *yaks* and *tigers*, respectively (cf § 10.3). Yaks and things closely associated with yaks are obligatorily marked as *realis*, while tigers and things closely associated with tigers are obligatorily marked as *irrealis*.

Nouns are also divided into *count* nouns and *non-count* nouns. *Count* nouns are inherently singular and are marked for plural, while *non-count* nouns are inherently transnumeral (i.e. number is underspecified) and are marked for singular or plural. *non-count* nouns are also unmarked for inanimacy instead of animacy.

	Re	Irrealis				
	Animate	Inanimate	irrealis			
Singular	Ø-	kaw-, kɔ-	wí-			
Plural	tə-	jé-	W1			
(a) Count						

	Re	Irrealis			
	Animate	irrealis			
Collective	na(n)-	Ø-	kó-		
Singulative	sé-	kəw -, ko-	wí-		
Plurative	to-	jí-	VV1-		
(b) Non-count					

Figure 13: Noun Classes

6 | Verbs

6.1 | Active & Stative Verbs

6.2 | Valency Classes

There are four main valency classes in Timah: avalent, monovalent, ambivalent, and polyvalent.

6. VERBS 14

- Avalent verbs take zero arguments.
- Monovalent verbs take one argument.
- Ambivalent verbs take one or two arguments.
- Polyvalent verbs take two or more arguments.

Ambivalent and polyvalent verbs that take exactly two arguments are grouped as *divalent*, polyvalent verbs that take exactly three arguments are grouped as *trivalent*, and polyvalent verbs that take three or more arguments are grouped as *multivalent*. These terms (*divalent*, *trivalent*, *multivalent*) are used only in analysis and meta-grouping.

6.2.1 | Valency-Altering Operations

6.3 | Volitional Classes

Verbs are inherently classed as either *volitional* or *non-volitional*. These classes determine the case of the subject in monovalent verbs, as well as semantic intention regardless of valency.

Volitional verbs usually denote an action that is intentionally performed by the subject. *Non-volitional* verbs usually denote an action that is accidentally performed by the subject.

6.4 | Conjugations

6.4.1 | Pronominal Proclitics

Pronominal proclitics are appended to verb phrases and must agree with the subject. Subject pronouns can subsequently be dropped from the statement entirely.

			Realis	Irrealis
	1		lə=	ká=
Sg. ⁴	2		n	5 =
Ü	3	Anim.	tá=	sá=
		Inan.	ha=	3a —
	1		to=	
Pl.	2		nə=	
	3	Anim.	= ò‡ = c ^h t	
	3	Inan.	$t^h \mathfrak{d} =$	

Figure 14: Pronominal Proclitics

6.4.2 | Polypersonal Proclitics

Cf. § 11 fig. 19 for the full chart of polypersonal proclitics.

Polypersonal proclitics are proclitics that encode not only the subject but also the object of a statement. Both the subject and object can subsequently be dropped from the statement.

⁴Irrealis pronominal proclitics can be either singular or plural, but are grouped under Singular due to how they pattern.

6. VERBS 15

6.4.3 | Voice

The verbal voices in Timah are symmetric, i.e. they do not alter the valency of the verb, only the arguments' roles.

Voice indicators also inflect for the *salience* of the patient, i.e. if the patient is or is not significantly affected by the agent.

	Salient	Non-salient			
Actor	-tá	-t¢à			
Undergoer	-sှှ55	-jớà			
Correlative	-mɔ́tè				

Figure 15: Voice

6.4.4 | Expressive Moods

There are three moods in Timah that are independent from normal moods. These are called *Expressive Moods*, and are placed at the beginning of a statement.

• tçó: Imperative; commands, wishes, desires

• sha: **Interrogative**; questions, requests

• kì: Precative; polite requests and commands

6.4.5 | Mood & Aspect

Mood and *aspect* are optionally marked using fused mood-aspect prefixes.

	Perfective	Habitual	Continuous	Experiential	Capacitive	
Indicative	laj-, le-	ka(?)-	t¢ee-	tçíhi-	həw-, ho-	
Conditional	haj-, he-	tew-, tə-	she(?)-	já-	?àti-	
Dubitative	kʰà-	sà	ı(N)-	ta?e-	nèw-, nò-	
Desiderative	sà-	Sh	e?té-	je?i(h)-	mátça-	
Necessitative	séme-	tç	^h ວວ-	kìtə(n)-	παιφα-	

Figure 16: Aspect & Mood

6.4.6 | Evidentiality

Timah optionally marks four levels of evidentiality. Evidentiality markers are placed before their head verb.

• khekhì: Witness; knows of event directly

• sə́sən: Evidential Inferential; knows of event via evidence

• tonke : Anecdotal Inferential; knows of event via prior experience(s)

• mɔ́hɔ: **Reportative**; *knows of event indirectly*

6.4.7 | Venitive, Andative & Applicatives

The *ventitive* and *andative* suffixes are commonly used with verbs of movement, such as $w\acute{a}$ move, walk, $s^h 2j$ carry, give/take, and others. These are placed directly after the verb root.

- -tí: Venitive; motion toward
- -shì: Andative; motion away from

Applicatives are valency-increasing operations that promote an oblique (indirect) object to the role of the (direct) object. They are formed by appending an applicative suffix to the verb, which can be used in tandem with the venitive and andative markers in order to specify direction or efficiency. These are placed directly after the verb root and, if present, the a

- -lí: Relational; accompaniment
- \cdot - $k^h \grave{o}_N$: Beneficial; intent of reference/relation or benefit/purpose
- -tɔ?: Causal; causation, final causation
- · -kéh: Complemental; similarity/comparison, state of being
- -t¢ò: Locational; physical or temporal location and movement
- -tcon: **Peripheral**; beginning/end of movement/time
- -sò?: Positional; relative physical or temporal location and movement

Further specifications can be made by supplementing the applicative suffix with a postposition (cf. § 5.4) placed after the object.

6.5 | Serial Verb Constructions(?)

- 6.6 | Essential Copulae
- 6.6.1 | Assertive-Essential
- 6.6.2 | Negative-Essential
- 6.6.3 | Revelatory-Essential
- 6.7 | Existential Copulae
- 6.7.1 | Assertive-Existential
- 6.7.2 | Negative-Existential
- 6.7.3 | Revelatory-Existential

7 | Descriptives & Derivation

There are eleven descriptives (which function as adjectives or adverbs) in Timah. They are placed before their head noun or verb.

· tçhàné: good, positive; full

8. NUMERALS 17

• sìnkà : bad, negative; empty

• khoko: big, strong; many

• tçhi: small, weak; few

• semó?: fast; loud; hard, rough

• 15 : slow; quiet; soft, smooth

• son : short, wide; feminine

• ?in: long, narrow; masculine

• tçósha: white, light; fresh, new

• káj : warm (color); hot, dry

• satce: cool (color); cold, wet

• thawsá: black, dark; stale, old

7.1 | Derivation

Noun and verbs can be zero-derived from each other, i.e. no overt marking is used to change a noun to a verb and vice versa. More derivations are possible by appending a descriptive before a noun or verb, i.e. attaching it as a prefix.

8 | Numerals

Timah uses a base-60 numeral system. This is not a pure base-60 system, as it uses base-12 as a sub-base to construct the constituent numeric symbols.

0	12	24	36	48
1	13	25	<i>37</i>	49
2	14	26	38	50
3	15	27	39	51
4	16	28	40	52
5	17	29	41	53
6	18	30	42	54
7	19	31	43	55
8	20	32	44	56
9	21	33	45	57
10	22	34	46	58
11	23	35	47	59

Figure 17: Numerals

9. IDEOPHONES 18

9 | Ideophones

9.1 | Ideophonemes

There exists a set of consonants in Timah that can appear only in ideophones. These are called *ideophonemes*, and they only occur word-initially and cannot cluster.

						Dental	Alveolar	Lateral
	Labial	Alveolar	Dorsal		Tenuis		!	
Nasal	^m b	^{n}d	$^{\eta}g{\sim}\eta$		Aspirate	h	! h	$\ ^{\mathbf{h}}$
Liquid	В		$_{\rm K}{\sim}_{\rm R}$		Nasal	ŋ	υ i	υ
(a) Pulmonic				Glottal	ŋ ?	υ i ,	\mathfrak{g}_3	
	(b) Non-pulmonic							

Figure 18: Consonant Ideophonemes

Additionally, the syllabic nasals $/m \, \eta \, \eta / may$ also appear, but only in isolation.

9.2 | Ideophones

There are three types of ideophones in Timah: phonomimes, phenomimes, and psychomimes.

9.2.1 | Phonomimes

Phonomimes imitate sounds directly.

9.2.2 | Phenomimes

Phenomimes imitate sounds associated with tangible states and conditions.

9.2.3 | Psychomimes

Psychomimes imitate sounds associated with intangible states and conditions.

10 | Semantics & Pragmatics

10.1 | Topic-Comment Structure

10.2 | Existence

10.3 | Yak/Tiger Dichotomy

10.4 | Deixis

11 | Appendix A: Table of Polypersonal Proclitics

_	_										
Irrealis		3	=eI	=çu	t ý 3=	toki(N) =	noké(N)=	toki(n) =	kákí(n)=	nókí(N)=	
	Irrealls	2	lane, lane =	= onću = wenću	tá?naw=, tá?no=	to naw=, tono=	=oucu ,=weucu	tó?nəw=, tó?no=	kánəw=, káno=		sánəw=, sáno=
		1	$lat \lambda(?) =$	n5ta(?) =	$t\acute{a}$ ta(?)=	‡ 3 (?)=	notà(?) =	<u>tót</u> à(?)=		n5ta(?) =	sata(?) =
		3pl.	lət5(h)=	n5t5(h) =	$t\acute{a}$ $t\acute{a}(h) =$	ţó(h)=	=(h)ctcu		kátó(h)=	n5t5(h) =	sát5(h)=
		2pl.	= juel	=¢¢u	tá?nó=	tonó =		‡ó?nó =	kánó =	= ¢¢u	= sans
.9	3 -	1pl.	lətò =	= ćtću	táţò=		= ¢tcu	tótò=	kát)=	= ćtćn	sát)=
Inod	Realls	38g.	lətí(h)=	n5te(h) =		toti(h) =	noté(h)=	toti(h) =	káté(h)=	n5te(h) =	sate(h) =
		2sg.	lo(N) =		=cu6	= cuot	=(N)cu	=cu2oj	k5(N)=	=(N)¢u	=(N)¢s̈
		158.		=(u)elçu	tá?le(h)=	tole(h)=	=(q)elcu	‡ó?le(h)=	kále(h)=	nóle(h)=	sále(h)=
Object	Cuyeci		1sg.	2sg.	3sg.	1pl.	2pl.	3pl.	1	2	3
		Subject			Realis					Irrealis	

Figure 19: Polypersonal Proclitics