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Syntactic Sketch of San Martín Peras Tu'un Savi

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by

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1. Introduction

The purpose of this paper is to provide and support the analysis and description of San Martín Peras Tu'un Savi2 basic syntax with additional sections presenting the basics of phonology and morphology, and some discussion of pragmatics and discourse. However, more emphasis is placed on the syntax section, which is analyzed through transcriptions of stories from cultural events, migration narratives, and childhood stories, Day of the Dead stories and rabbit stories. The syntax section shows the basic clauses, clause combining, clause chaining, and coordination. For each example, the relevant part is first described and then the example is shown. For instance, in (1), it is a transitive verb because it displays two arguments, agent and patient. The $=nt\hat{u}$ '1PL' is the agent and *itsĭ* 'candles' is the patient. In (2) it shows two intransitive verbs with the same imperfective aspect inflection in the same clause, which is categorized as a serial verb construction.

Transitive Verbs

(1) xíin=ntù itsĭ=va

IPFV.buy=1PL candles=SEQ 'We buy candles' (01:56 CLVM migration narratives)

Serial Verbs

(2) kíxáà táxìn tsìkasùn
 IPFV.begin IPFV.grind totopo
 The totopos start being ground' (CLVM migration narratives 04:05)

¹ My gratitude goes to Dr. Eric W. Campbell and Simon L. Peters to support me during my academic years and working with me on my thesis and the variants of San Martín Peras Tu'un Savi. I am so grateful to my parents for supporting me and my elders, Ita Tsindoo and Ntsiva'yi. Also, I am thankful to the whole team of Mexican Indigenous Language Promotion and Advocacy (MILPA) because they inspired me to do this work and Mixteco Indigena Community Organizing Project (MICOP). Thank you, Carmen Hernández, Griselda Reyes Basurto, Arcenio López, Yésica Ramirez, Juvenal Solano, Vanessa Terán, Sandra Auderset, Anna Bax, Christian Brendel, Mary Bucholtz, Alexia Fawcett, Jessica Love-Nichols, Kevin Schäfer, Adrienne Tsikewa, Albert Ventayol-Boada. Finally, I am grateful to my community in Ñuù California and Oaxaca. I am responsible for any mistake that remains. This work was supported in part by the National Science Foundation grants 1660355 and 1650114 to the University of California, Santa Barbara.

² Tu'un Savi is the word, language or language of the people originating from the rain. I call Mixtec Tu'un Savi because it is the general term of the Tù'un Ntá'vi or Mixtec.

In what follows, background information on the language and a description of the data and methods are provided in §2. The basic phonology is sketched in §3, the word classes in §4, and the basic morphology in §5. Basic syntax is described in §6, and clause combining is presented in §7. Examples of pragmatics are presented in §8, and in §9 I discuss a passage of discourse that I found in the transcriptions. The pragmatics and discourse sections are very prelimary, and much work remains to be done in these areas.

2. Background Information

2.1. The Language

The Tu'un Savi languages, along with Cuicatec and Trique, form the Mixtecan subgroup in the Amuzgo-Mixtecan branch of Eastern Otomanguean (Kaufman, 2006). The variety that is the focus of this paper Piedra Azul and Paredón, San Martín Peras Tu'un Savi. This variety is classified as a Southern Baja variety, which is one of 12 primary Tu'un Savi subgroups identified by Josserand (1983: 470). It has also been classified as Western Juxtlahuaca Tu'un Savi (ISO 639-3: jmx) by Ethnologue. The individuals who contributed data that is presented in this paper come from two towns within the municipality of San Martín Peras: Piedra Azul, with a population of 208, and Paredón, with a population of 301 (INEGI, 2010). There is some variation of Tu'un Savi in San Martín Peras, and the Piedra Azul and Paredón data presented in this paper are not necessarily representative of the entire municipality.

Many people from San Martín Peras have settled in several locales in the Central Coast region of California, especially Oxnard, Santa Maria, Watsonville and Salinas. The majority of them work in the agricultural industry. The speakers that are part of this paper work in the strawberry fields, and migrate with the growing season between Salinas, Oxnard, and Santa Maria to maintain their livelihoods. Many of them migrated to the United States in the first place because there were no jobs in their villages. Others emigrated to the United States because they were running from violence like agrarian conflict. My parents wanted to migrate to the United States because they wanted me and my siblings to go to school so we would be able to have opportunities that they did not have in Oaxaca.

Many scholars have written about indigenous Mexican immigrants in the United States and especially in California (Fox & Rivera-Salgado, 2004) and the discrimination and racism that they face in schools (Gitlin et al., 2003; Perez et al., 2016) and in the workplace (Zabin et al., 1993). While anthropological perspectives are well represented in the literature (Nagengast & Kearney 1990), relatively little work has so far focused on linguistic aspects of the indigenous diaspora (but see Campbell & Reyes Basurto In press; Bax, 2020; Carroll, 2015; Caponigro et al., 2013). There is a significant body of linguistic work on Tu'un Savi languages, especially from the subgroups that Josserand (1983) labels Northern Alta, Eastern Alta, Western Alta, Northern Baja, Guerrero, Tezoatlán, and Mixtepec. After some early work in the 60s and 70s (Overholt, 1961; Pankratz & Pike, 1967; North & Shields, 1977), relatively little work has been carried out on varieties of the Southern Baja subgroup, especially San Martín Peras and villages around the municipality (but see Hills, 1990). The previous work on this language includes the inventory and distribution of tone (Peters, 2018) but few aspects of the language's syntax have been addressed (but see Ostrove, 2018). This paper fills this gap by describing a wide range of basic syntactic structures.

2.2. Research Motivations and Methods

I started to work with San Martín Peras Tu'un Savi because many Tu'un Savi youth in Oxnard have stopped speaking their indigenous languages. I did not want to lose my language and my identity because it is a major connection that I have with my grandmother and my homeland. Thus, the motivation for my work with the language is for reclamation of my roots and to share my knowledge of my grandmother with the youth generation in California.³ I wanted to learn to write Tu'un Savi, which is why I joined a literacy teaching workshop that was held at the Oxnard Mexican Consulate with the collaboration of the Mixteco/Indígena Community Organizing Project (MICOP) and the Instituto Nacional para la Educación de los Adultos (INEA) in 2016. After the workshops, Griselda Reyes Basurto and I organized Tu'un Savi

³ Tequio Youth Group develops the leadership skills of indigenous Mexican youth to promote indigenous pride, encourage academic achievement, and advocate against bullying of indigenous young people. I am grateful to the Tequio Youth Group because they gave the strength to continue my studies at University of California, Santa Barbara and soon at the University of Chicago.

literacy courses in MICOP with the support of Dr. Eric W. Campbell and UCSB linguistics graduate students. In the courses, we had a diverse set of Tu'un Savi varieties: San Martín Peras, San Martin Duraznos, San Juan Mixtepec, San Sebastian del Monte, San Francisco Higos, and Guadalupe de Morelos. Mostly all of the participants were indigenous leaders in Oxnard,

Indigenous community members in Oxnard speak many different Tu'un Savi variants. Since I am a member of the Na Savi⁴ community, I always hear that many children are not learning Tu'un Savi in the United States. My parents always told me to speak Tu'un Savi with my little brothers, so that they could learn our language. From my perspective, linguistic work is critical for the community, so we can start working on linguistic and pedagogical materials to support the new generation to learn the language—also, to think critically about their identity and understand the cosmovision of Na Savi people. This paper presents some of the findings of my ongoing work on syntax which will lead to more advanced work on syntax of Tu'un Savi languages. This paper is a basis to start to work on other projects that I am interested in pursuing, such as raciolinguistics with the Na Savian communities in California and in Mexico.

There are two main types of data presented in this paper, the first is data from my own knowledge of the language (especially in the phonology section), and the other data are from a corpus of audio recordings of four individuals from the villages of Piedra Azul and Paredón. Both of the communities belong to the municipality of San Martín Peras. Two male and two female speakers, from ages 16 to 43 years old were interviewed. Two of the consultants have been living in the United States for about 11 years and the other two have lived in the United States for four years. At home, they speak Tu'un Savi because the rest of the family are native speakers.

The lexical, phonological, and morphological data presented in this analysis have been steadily gathered since 2016 when the Tu'un Savi courses at MICOP began. In 2016 I started to work closely in collaboration with UCSB graduate student Simon Peters, creating a corpus of Piedra Azul, Peras Tu'un Savi texts. We recorded short stories which we transcribed together. Then, during the summer of 2018, I

⁴ Na Savi are people of the rain or originating of the village originating from the rain or Mixtecs.

began to record with two other speakers from Piedra Azul. Many of the recordings were migration narratives, short stories, childhood memories, the structure of the village, etc. I went through the consent form that was provided by Dr. Eric W. Campbell, which was presented to participants in Tu'un Savi and Spanish. In the recordings, I started with dates, times, and the names of the people who were present at the moment. I gave the speakers copies of the audio files after the recording so they would be able to listen to it and approve if I could use it. When I finished recording, I uploaded the audio files to a shared secure cloud file storage service. During this time, I continued working in the lexical database from the MICOP workshops, adding forms from the texts.

I used two recorders, which were the Zoom H4n Handy Recorder and TASCAM DR-100mkIII Handheld Digital Stereo Recorder. I used two microphones, which were the AT8010 omnidirectional condenser microphone and the Shure SM10A head-worn cardioid dynamic microphone. All the equipment I used was provided by the UCSB linguistics department and Dr. Eric W. Campbell.

During the 2019 academic year, Dr. Eric W. Campbell and I met weekly to discuss the transcriptions and check the tones for the textual data presented in this paper. In the winter 2020 quarter, Dr. Eric W. Campbell, Simon Peters and I continued to work checking the tones and selecting particular examples for this syntactic sketch. In the spring of 2020, the three of us continued to meet to discuss the paper and how to approach the particular sections.

Some of the data in the paper were gathered using targeted elicitation, especially in the phonology and morphology section. However, for the analysis of morphosyntax, the data are mostly from the text corpus. Likewise, in the pragmatics and discourse sections, the examples come from the transcriptions from the text of short stories, etc.

3. Phonology

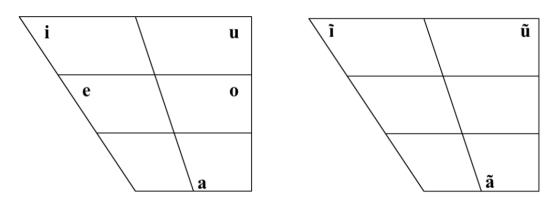
San Martín Peras Tu'un Savi has a contrast of oral vs. nasal vowels, an inventory of 26 consonants with no voicing contrast, and lexical as well as grammatical tone. This section presents the sound system of the language with examples that were collected from elicitation and transcription.

3.1. Vowel inventory

There are five oral vowels and three nasal vowels in San Martín Peras Tu'un Savi as is shown in Figures 1 and 2. The language has long (bimoraic) oral and nasal vowels that marginally contrast with short (monomoraic) vowels. For the nasal vowels, in the orthography of the language $/\tilde{i}$ is presented $<in>, /\tilde{a}/$ as <an> and $/\tilde{u}/$ as <un>.



Figure 2 Nasal Vowels



Examples of each oral vowel are shown in Table 1 and each nasal vowel in Table 2. Each vowel is shown with two examples, one in the first syllable of a word and another in the final syllable in the word. Phonologically nasal vowels only occur in the final syllable of the word. Lastly, Table 3 displays long oral vowels and Table 4 shows the long nasal vowels.

Oral Vowels	Tu'un Savi	Gloss		
/a/	òv à	'salty'		
/a/	m a chi	'cotton'		
/e	yé' è	'clear, bright'		
/e/	sè'e	'son'		
/i/	kìs i	'pot'		
/i/	ì'ma	'smoke'		
/o/	sòk ò	'shoulder'		
/o/	ò và	'bitter'		
/u/	min u	'mint'		
/u/	ù xì	'ten'		

Table 1. Oral V	owels
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Table 2. Nasal Vowels

/an/	xă' ân	'fat'
/in/	xits în	'intenstines'
/un/	xàt ǔn	'coffin'

Table 3. Long Oral Vowels

/aa/	saà	'bird'
/ee/	see	'young'
/ii/	kuíi	'watery'
/00/	уоо	'little pot'
/uu/	kuu	'POT.die'

Table 4. Long Nasal Vowels

/aan/	kààn	'PFV.open'
/iin/	ììn	'nine'
/uun/	chuun	'work'

3.2. Consonant inventory

There are 26 consonants in Tu'un Savi, shown in Table 5. The consonants in angle brackets represent the practical orthography of the language.⁵ The bilabial /p/ and /mp/ are infrequent in the language. However, /p/ occurs word initially *páñu* 'cloth, kerchief' (a borrowing from Spanish *paño*) and word medially in *lapa* 'soldiers'. In the case of /mp/, this sound also occurs word-initially and word medially, but in few words. From the data gathered so far, for example in *mpáa* 'co-father' (another Spanish borrowing) <mp> occurs word initially and in *cha'mpa lo'o* 'little one' it occurs word-medially. Also, /tj/ and /ntj/ are infrequent in the language and both occur in word-initial position: for example, *tiata* 'type of tree' and *ntio'o* 'dry stalk of corn'. Also, /kj/ it is not frequent in the language either, only appearing in word-initial position, for example in *kiu'ŭn* 'wilderness'. Lastly, the /mj/ sound occurs word-initially and word medially and it is infrequent in the language, for example in *miajăn* 'that one' it occurs word-initially, and in *tsìmiǎ* devil' it occurs word-medially.

5 The orthography of San Martín Peras Tu'un Savi was established during the language and literacy workshops in MICOP.

	Bilabial	Bilabial palatalized	Alveolar	Alveolar- palatalized	Palatal- alveolar	Velar	Palatalized Velar	Labiovelar	Glottal
Obstruent	(p) (mp)		t nt	tj ntj		k	kj	kw	?
	<mp></mp>		<t><nt></nt></t>	<ti><nti></nti></ti>		<k></k>	<ki></ki>	<ku></ku>	<'>
Affricate				tsj ntsj	t∫ nt∫				
				<tsi><ntsi></ntsi></tsi>	<ch><nch></nch></ch>				
Fricative			S	Sj	Х				h
			<s></s>	<si></si>	< \ \! >				<j></j>
Тар			ſ						
			<r></r>						
Lateral			1						
			<l></l>						
Nasal	m	mj	n		ŋ				
	<m></m>	<mi></mi>	<n></n>		<ñ>				
Approx	β <u>,</u>			j					
	<v></v>			<y></y>					

Table 5. San Martín Peras Tu'un Savi, Consonant Inventory

Table 6 illustrates each consonant of the language in word-initial position, except in cases where the consonant only occurs word-medially ($/m_j/$ and /?/). Each example word is shown in phonetic, phonemic, and orthographic forms.

Phoneme	Phonetic	Phonemic	Orthographic	Gloss
/p/	[pa]nũ]]	/páŋu/	<páñu></páñu>	'shawl'
/mp/	[mba:\]	/ mpáa/	<mpáa></mpáa>	'co-father, friend or companion'

Table 6: Examples of Consonants Inventory

/t/	[tal?ma]]	/ta?mà/	<ta'mà></ta'mà>	'plain' (n.)
/nt/	[ndlßil]	/ntißį/	<ntivi></ntivi>	'pretty'
/tj/	[tjo]ho1]	/tjòhŏ/	<tiòjŏ></tiòjŏ>	'type of tree'
/ntj/	[ndj01?01]	/ntjo?o/	<ntio'o></ntio'o>	'dry stalk of corn'
/k/	[kal?nul]	/ká?nu/	<ká'nu></ká'nu>	'big.SG'
/k _{j/}	[kja]?a1]	/kjà?ă/	<kià'ă></kià'ă>	'chili pepper plant'
/kw/	[kwãː\]	[kwáã]	<kuáan></kuáan>	'yellow'
/?/	[sa]?ßa]]	/sá?ßà/	<sá'và></sá'và>	'frog'
/tsj/	[tsjaJhka]]	/ tsjàká/	<tsiàká></tsiàká>	'fish'
/ntsj/	[ndzjiJhßi1]	∕ntsjiβįĭ∕	<ntsìvĭ></ntsìvĭ>	'egg'
/tʃ/	[tʃa]tʃi]	/tʃátʃi/	<cháchi></cháchi>	'tornado'
/ntʃ/	[ոtʃuɬʃiɬ]	/ntʃuʃi/	<nchuxi></nchuxi>	'hen'
/s/	[sa]ßi]]	/sáβį́/	<sáví></sáví>	'spring'
/sj/	[sja1?a1]	/sjá?ă/	<siá'ă></siá'ă>	'Tecomaxtlahuaca'
/ʃ/	[ʃa]htu]	/∫àhtù/	<xàtù></xàtù>	'spicy'
/h/	[joJho1]	/jòhŏ/	<yòjŏ></yòjŏ>	'moon'
/1/	[ɾaɬßุiIJîJ]	/raßį̀Ĵì/	<ravìxì></ravìxì>	'soda' (CL. liquid-sweet)
/1/	[la]?loJ]	/lá?lò/	<lá'lò></lá'lò>	'lizard'
/m/	[maJ?ɲũ]]	/mà?nú/	<mà'ñú></mà'ñú>	'half'

/mj/	[mja1ha1]	/mjahăn/	<miajăn></miajăn>	'that one'
/n/	[nã]nẽ1]	/náně/	<náně></náně>	'lady'
/ɲ/	[ɲãɬɲĩɬ]	/papî/	<ñañî>	'brother'
/β.⁄	[βạ]?a:†]	/βà?a/	<và'a></và'a>	'good'
/j/	[ja1?a:1]	/ja?ă/	<ya'ǎ></ya'ǎ>	'chili'

3.3. Tone

There are three level tones in San Martín Peras Tu'un Savi which are high (H), mid (M), and low (L). Plus, in the language are two contour tones, which are rising (R) and falling (F). Table 7 shows how the tones are presented in the language and in this paper, and Table 8 shows some words that illustrate the tones.

Table 7. Tone Inventory

	Level		Contour	
High	á	Rising	ă	
Mid	a	Falling	â	
Low	à			

Table 8. Lexical Tones of San Martín Peras Tu'un Savi

НН	chútú	'short'		lá'vá	'toothless'
MM	leke	'thin'		ve'e	'house'
LL	sànà	'property (animal)'		kuè'è	'illness'
RR	tsiŏtŏ	'rat'		tŭtŭ	'paper'

RF	sĭkî	'joke'	xǎ'ân	'lard, fat'

The phonological constituent that the tone associates to is known as the tone bearing unit, or TBU. The TBU in San Martín Peras Tu'un Savi is the mora, and there is no evidence yet found for underspecified TBUs (Peters, 2018). Additionally, San Martín Peras Tu'un Savi expresses an extensive use of grammatical tone. Regarding tone melodies on the bimoraic couplet, Table 9 shows how tones are distributed in disyllabic couplets and Table 10 displays tone distribution in monosyllabic couplets. San Martín Peras Tu'un Savi shows very little phonological tonal processes like what is reported for some other Tu'un Savi languages. The language does, however, show complex tonal processes and alternations in grammatical tone (person marking and aspect-mood marking).

Table 9. Tone Distribution on Bisyllabic Couplets (C)V(?)(C)CV (Peters & Mendoza 2018)

	_H	_M	_L	_R	_F
H_	H-H	H-M	H-L	H-R	
M_	M-H	M-M	M-L	M-R	M-F
L_	L-H	L-M	L-L	L-R	
R_		R-M		R-R	R-F
F_					

Table 10. Tone Distribution on Monosyllabic Couplets (C)VV (Peters & Mendoza 2018)

	_H	_M	_L	_R	_F
H_	H-H	H-M	(H-L)		
M_	M-H	M-M	M-L		
L_	L-H	(L-M)	L-L		
R_		R-M	R-L		
F_	F-H				

3.4. The syllable and the word

The word structure in San Martín Peras Tu'un Savi is (C)VV for monosyllables and (C)V(?)(C)V(V) for disyllables (Peters, 2018). Trisyllabic words are mostly polymorphemic, often with inflectional or derivational prefixes.

1. Monosyllable

yaa 'white'

2. Bimoraic disyllable

ìvì 'two'

3. Trimoraic disyllable

tsìkuĭi 'water'

4. Trisyllable

tsìsí'vì 'saliva'

4. Word Classes

This section defines and demonstrates the primary lexical word classes in San Martín Peras Tu'un Savi: specifically, verbs, nouns, adjectives and adverbs.

4.1.1. Verbs

Verbs in San Martín Peras Tu'un Savi inflect for aspect-mood, which makes them different from other word classes. Verbs can inflect for various aspect-mood categories, the primary ones being imperfective aspect, perfective aspect, and potential mood, as shown in example (3).

(3) kòtǒò =rà	kísa'a =rà	iin	ñuù	ká'nu	káchi =nà
PFV.want=3M.SG	POT.build=3M.SG	one	town	big	IPFV=3PL

'He wanted to build a big town, people say' (Giant Story 01:05)

4.1.2. Nouns

In San Martín Peras Tu'un Savi, nouns, or noun phrases, function to express the participants involved in the state, event, or process expressed in a clause. In the example in (4), $t\dot{u}'un r\dot{a}$ leso is a noun phrase in the clause. The head of the noun phrase is $t\dot{u}'un$ 'word, story' and it is followed by $r\dot{a}$ leso 'the rabbit'.

(4) ñà ná ntàtatú'=ìn tù'un rà leso nùjŭn=ntó
 DM MOD POT.tell=1SG story 3M.SG rabbit for=2IFRM.PL

'I am going to tell a story of rabbit for you all' (Conejo 0:27)

4.1.3. Adjectives

Adjectives are a word class whose primary function is to modify nouns, and they occur within a noun phrase and modify the head noun. In example, (5) $k\dot{a}$ 'nu 'big' is the adjective and it modifies *chèje* 'ox' in the clause.

(5) ntsì'i ntàà chèje ká'nu sànà tátě káhealthy INTS ox big owner sir DEM

'That gentleman's big ox is very healthy.'

Also, adjectives may function as predicates to express the notion or state that is the core of the clause and which involves some nominal participant (see §6.2.8).

4.1.4. Adverbs

Adverbs are lexical words that modify words in a clause that are not nouns, that is, verbs, adjectives, or other adverbs. In example (6) *tolo'o* 'later' is modifying the verb *kuxi* 'eat' in the clause.

(6) tolo'o kuxi rà
later POT.eat 3SG
'He will eat later'

4.1.5. Person marking

Person marking in San Martín Peras Tu'un Savi is typically expressed by dependent (enclitic) pronouns. There is only one set of dependent pronouns in the language, that is, there are not separate pronouns for subject vs. object vs. possessor, etc. Dependent pronoun enclitics attach to verbs, nouns, adjectives, and relational nouns (like adpostions). The vowel-initial dependent pronouns =ì (1SG), =ún (2 SG.IFRM), =á 2 SG.IFRM), =àn (3.INAN), and =é (1PL.INCL) interact with or fuse with the host, while the consonant-initial pronouns form their own syllables. The dependent pronouns are presented in Table 10.

	SG	PL	
		INCL	EXCL
1	=ì	=é	=ntù
2 IFRM	=ún		=ntó

Table 10. Dependent Pronouns

FRM	=a	
3 INAN	=àn	=nà
М	=rà	
F	=ñá	=ná
ANIM	=rí	
LIQ	=rá	
TREE	=tún	

The examples (7) through (9) show some of the dependent pronouns in use. Example (7) shows the dependent pronoun $=nt\dot{u}$, which is the 1_{st} plural exclusive, and it is enclitic to the verb. It is the subject in the transitive clause.

(7) xíin=**ntù** itsĭ=va IPFV.buy=1PL.EXCL candles=SEQ

'We buy candles' (1:56 CLVM migration narratives)

In example (8) the subject is expressed by the 3_{rd} person masculine enclitic $=r\dot{a}$. The 1sg enclitic $=\dot{i}$ expresses an oblique addressee in the clause.

(8) xí'=ìn ká'an=rà
with=1SG IPFV.talk=3SG
'He's talking to me'

The example in (9) shows the same 1sg enclitic =i attached to a noun, expressing the grammatical possessor of the noun, and attached to a verb, for which it is the subject.

(9) xìká+chíñ= ì	xí'in	tát =ì =va
HAB.PFV.do+work=1SG	with	father=1SG=SEQ

'I used to work with my dad' (CL migration narratives 01:11)

The dependent pronouns are the default referent-tracking devices in the language, but the language has two sets of independent pronouns as well (independent phonological words): (i) emphatic pronouns and (ii) pronouns that express contrastive emphasis and topic. For the emphatic pronouns (Table 11) the first and second person forms are unique roots, while the third person forms are constructed by combining the dependent pronouns with demonstratives, forming demonstrative pronouns.

	SG		PL
		INCL	EXCL
1	yù'ù ~ yùù	yéé (yó'o)	ntù'ù
2	yó'ò		ntó'o
3 INAN	ñà-DEM		nà-DEM
М	rà-DEM		
F	ñá-DEM		ná-DEM
ANIM	rí-DEM		
LIQ	rá-DEM		
TREE	tún-DEM		

Table 11. Independent emphatic and demonstrative pronouns

Examples (9) and (10) show independent emphatic and demonstrative pronouns. In (9), $y\dot{u}'\dot{u}$ is the 1_{st} person singular independent pronoun, and it is expressing the subject in the clause.

(10)	yù'ù	k=î	kama	kixa	nùjŭn=ntó
	1SG	COP=1SG	quick	PFV.arrive	for=2PL

'I got here faster than you guys'

In (10) the pronoun =ri with the demonstrative $=k\dot{a}$ forms a demonstrative pronoun that functions as an oblique in the clause.

(11) xà'ă rí=ká kuà'à=rà
for 3ANIM=DEM PFV. go=3M.SG
'He went after that animal'

The independent contrastive emphasis and topic pronouns are formed by the topic shifter *mii* with the dependent pronouns attached to it.

	SG		PL
		INCL	EXCL
1	mi=ìn	mi=é	mii=ntù
2 IFRM	mii=ún		mii=ntó
FRM	mii=á		
3 INAN	mii=àn		mii=nà
Μ	mii=rà		
F	mii=ñá		mii=ñá
ANIM	mii=rí		
LIQ	mii=rá		

Table 12: Independent contrastive emphasis and topic pronouns Dependent Pronouns

TREE	mii=tún	

Examples (12) and (13) show some emphatic topic-shifting pronouns.

(12)	á	xìxi		mii=á
	Q	PFV.E	AT	EMP=2FRM.SG
	'Did yo	ou eat?'	[Conver	sations with families]
(13)	mii=rà		ntŏ'va=	=va
	EMP=3	3M.SG	POT.N	EG.know=SEQ
	<i>'He</i> doe	es not ki	now.'	

5. Morphology

This section discusses the structure of the verb of San Martín Peras Tu'un Savi, and then presents the nominal morphology.

5.1. The structure of the verb

The structure of the verb in Tu'un Savi of San Martín Peras is shown in Figure 3. Morphological slots preceding the verb root are numbered 1 (closest) through 3 (furthest), and positions following the root are numbered using negative numerals.

3 2 1 0 -1 -2 -3 -4 -5 -6 MOD ASP<NEG> (DRV) (+stem) (=adv)* =ini =SUBJ =OBJ =DSC root

Figure 3. San Martín Peras Tu'un Savi Verbal Template

The following examples show forms in the various positions of the verbal template. Example (14) shows a compound verb $xik\dot{a}+chiñu$ (positions 0 and -1) inflected for aspect (position 2) and with the subject enclitic =i (position -4).

(14) xìká+chíñ=ì xí'in tát=ì=va (compound verb)
PFV.do+work=1SG with father=1SG=SEQ
'I worked with my father' (CL migration narratives 01:11)

Example (15) shows the adverbial enclitic = $t\hat{i}$ 'only' (position -2), which is attached to the predicate *kuà* '*àn*.

(15) inká tu tsiáñu kuà'àn=t=ì xí'in kitsĭ=va other CLA sometimes IPFV.go=only=1SG with animal=SEQ
'Other times, I would go with animals" (CL narrative migration 01:47)

The example in (16) shows another adverbial enclitic *ntuxă* 'forcefully' (position -2) and a causative prefix *chi*- (position 1).

(16)	ntsiàa	iin	chí-káa=ntuxă=rà	yùù
	then	one	IPFV.CAUS.be.inside=force=3M.SG	1SG
	'He put	me insic	le with force' (MC migration narratives	10:00)

The example in (17) shows a verb with a subject enclitic and an object enclitic (position -5) following it.

(17)	ikaa	yoo	xà'ă	kíxa=nà=ñà	ra?
	Q	who	for	IPFV.do=3PL=3INAN	DM

"Who are they doing it for? CLVM migration narratives 00:44.)

Example (18) shows the element *ini* 'living core (emotional center, essence, being....)' in position

-3, which combines with basic verbs to form verbs of emotion and cognition (Macaulay, 1996).

(18) Kuká'un=ini=ntó xà'ă ñañ=ì
 POT.forgive=ini=2.IFRM about brother=1SG
 'Forgive my brother'

5.1.1. Aspect and Mood

Tu'un Savi languages are described as having morphological aspect and mood, but not tense (Bickmore & Marlett 1988). The three primary aspect categories in San Martín Peras Tu'un Savi are imperfective, perfective and potential (Simon Peters 2020). In example (19), the whole sequence and the conversation take place in the past. The first clause expresses a state, and then the following clauses all express repeated or ongoing actions and are inflected for imperfective aspect.

(19)

yù'ù k=î xìká'nu nùjŭn nà ra tsiaa ñà 1SG COP=1SG older COMP 3PL DM then DEM 'I was the oldest (child) of my parents then.' (CL migration narratives 01:20) ntsíko=v=ì savatí sometimes IPFV.grind=1SG 'Sometimes I would grind.' (CL migration narratives 01:20) ntsíku=ì xìta=va IPFV.grind=1SG tortilla=SEQ 'I would grind tortillas' (CL migration narratives 01:20) xíxi=va nà savatì 3PL sometimes IPFV=SEQ 'so, they (parents) would eat sometimes.' (CL migration narratives 01:20)

5.1.2. Morphological complexity of aspect-mood inflection

In San Martín Peras Tu'un Savi, the aspect-mood inflection is expressed by three types of inflectional morphology: tone Table 13, prefixation Table 14, and stem alternation/suppletion Table 15. (Palancar et al., 2016; Peters, 2020).

Table 13. Tone

'plant'	
chi'i	POT
chì'i	PFV
chí'i	IPFV

Table 14. Prefixation

'be afraid'	
yĭ'vi	POT
nì-yǐ'vi	PFV
íyí'vi	IPFV

'boil' (Intransitive)	
kuìsò	POT
nì-sìsò	PFV
sísò	IPFV

Table 15. Stem Alternation/suppletion

As shown in the example in Table 15 'boil', in which tone, prefixation, and stem change all play a role, these types of morphology often co-occur in the expression of aspect-mood.

5.2. Nominal morphology

Nouns in San Martín Peras Tu'un Savi display little morphology. The expression of possession with enclitic pronouns as possessors was illustrated above in examples (14) and (18). Another type of nominal morphology is what Hinton et al. (1991) refer to as "adjectival high", a H tone added to a noun derives an adjective with related meaning. However, this process is not productive and is not common in San Martín Peras Tu'un Savi. Table 16 shows some examples of the adjectival high.

Table 16. Adjectival High

tŏsò	'arc'	tóso	'crooked'
sàvĭ	'rain'	sáví	'spring'
sò'o	'ear'	só'o	'deaf'
sokŭn	'neck'	sókun	'tall'

6. Basic syntax

6.1. Noun phrase syntax

The noun phrase has a noun as its head and can or express the same grammatical functions as a bare noun. In addition to a head noun, the noun phrase can include a numeral or quantifier, article, classifier, noun, adjective, demonstrative, and/or possessor. For example, the noun phrase in (20) *iin ñà'an kanĭ* 'one thing slippery' includes the head noun, a numeral *iin* 'one' and an adjective.

(20)	tá	kíxaà	iin-nùú	chìka=é	iin	ñà'an	kanĭ
	when	PFV.do	situation	PFV.put=INCI	one	thing	slippery

'it was like when we put something slippery' (MC migration narratives 11:03)

6.2. Basic clauses

In this section, basic clause types in San Martín Peras Tu'un Savi are discussed. As mentioned in the introduction, all the examples are from recordings.

6.2.1. Intransitive verbal predicates

In San Martín Peras Tu'un Savi intransitive verbal predicates take one argument in the clause. The common constituent order of San Martín Peras Tu'un Savi is VS, as shown in examples (21, 22, and 23).

(21)	kàyà	itâ=va	kàyà
	POT.collect	flower=SEQ	POT.collect
	'The flowers an	e collected, colle	ected, and' (CLVM migration narratives 01:47)
(22)	kua'a	tŏsò=va	
	POT.build	arch=SEQ	
	'the arch is bui	t, and' (CLVM	migration narratives 01:49)
(23)	kua'a	xìto=va	
	POT.build	bed=SEQ	
	'the bed is built	t, and' (CLVM n	nigration narratives 01:49)

6.2.2. Transitive verbs

Transitive verbs in San Martín Peras Tu'un Savi have two arguments. The two arguments are subject and object. In (24), the $=nt\hat{u}$ 1_{st} person plural exclusive pronoun is the subject (agent) and the object (patient) is *itsĭ* 'candles. The common order is VAP in San Martín Peras Tu'un Savi. A similar example is shown in (25), where the subject (agent) is expressed by the 1_{st} person plural inclusive =é and the object (patient) is *=iin ñà'an kanĭ* 'one slippery thing'. In (26), *=ntù* is again the subject and *xuxâ* 'copal' is the object.

(24) xíin=ntù itsĭ=va
IPFV.buy=1PL candles=SEQ
'We buy candles' (CLVM migration narratives 01:56)

(25)	chìka=é	iin	ñà'an	kanĭ		
	PFV.put=INCL	one	thing	slippery	J	
	(like) we put se	omething	g slipper	y' (MC	migratio	on narratives 11:01)
(26)	xíin=ntù	xuxâ=v	a	tuku	rá	ijĭ=va
	IPFV.buy=1PL	copal=5	SEQ	like	3LIQ	Holy-Water=SEQ

'We buy copal, (and) like holy water' (CLVM migration narratives 01:59)

6.2.3. Oblique

Obliques are noun phrase that are not core arguments of a clause. They tend to occur with relational nouns or prepositions in San Martín Peras Tu'un Savi. In example (27), the noun phrase 'Day of the Dead' is marked with xà'ă, and it is not a core argument in the clause.

'They are going to talk about the Day of the Dead.' (CLVM migration narratives 00:39)

6.2.4. Benefactive Oblique

The benefactive oblique expresses that the referent of the noun receives some benefit of the situation expressed by the clause. In (28), $nuj\check{u}=nt\acute{o}$ 'for=2PL' it is marked as a benefactive oblique because it is receiving the benefit of the válí 'children'.

(28)	sinú=ntó=yù	nátaxá'=ì	nujŭ=ntó	válí		
	POT.down=EXCL=1SG	POT.dance=1SG	for=2PL	children		
	'Let me know so I can dance for you all, children.' (Rabbit Story 01:10)					

6.2.5. Comitative

A comitative NP makes the expression of accompaniment in the clause. In (29), *xi'in* 'with' marks the comitative noun phrase 'my father' in the clause.

(29) Xìká+chíñ=ì xí'in tát=ì=va PFV.do+work=1SG with father=1SG=SEQ 'I used to work with my dad.' (CL migration narratives 01:11)

6.2.6. Locative NP

Locative NPs in San Martín Peras Tu'un Savi are expressed in a number of ways. In (30) *iin ñuù* 'a village' is a goal of the motion. This, like most locative NPs in the language, is bare, without any relational noun or locative preposition in the clause.

(30) nìxá'=ún iin ñuù iin ñuù sa'
PFV.go=2IFRM.SG one town one town right
'You went to a town, right? (MC migration narratives 06:56)

In (31), 'in the cornfield' is expressed with the relational noun $x\dot{a}$ ' \ddot{a} (from 'foot') preceding the noun $ut\hat{u}$ 'corn plant'.

(31) tù'un=ntù xà'ă utû=va IPFV.weed=1PL.EXCL in corn=SEQ

'We yank out (grasses) in the corn field.' (CL migration narratives 02:53)

6.2.7. Existential predicates

Existential predicates express the real or imagined existence of an object. In (32 and 33) *iyo* is a predicate that is used to express the existence of something, either real or hypothetical.

(32)	tsiaa	íyo	nàyìvĭ	nà	anima	ntá'vi	míí
	then	IPFV. Exist	people	REL.3	PL spirit/soul	poor/alone	EMP
	'There a	are people who	se spirits are alo	ne/poor.?	(CLVM migrat	ion narrative 03:	07).
(33)	íyo	taa	ñà'=ĕn	xí'in	família	ñà'=ĕn	sa'
	IPFV.ex	xist HYP	things=1PL	with	family	things=1PL	right?
	'We hav	ve things in our	r family' (MC m	igration	narratives 01:30))	

6.2.8. Adjectival predicates

The primary function of an adjective is to modify nouns (§4.1.2), but in the following examples, adjectives function as predicates.

(34) ñà tá xìxìk=ún tá lo'=ún?

DEM when HAB.PFV.walk=2SG when little=2SG

23

'when you were little?' (CL narrative migration 00:53)

(35) kuá'a kue'ì

red very=1SG

'I am very red' (wearing a lot of red; elicited)

6.2.9. Nominal predicate

Nominal predicates are nouns that function as the predicate of a clause. In (36) *ntsìvá'yi* 'coyote' is the predicate and *tátă=vun* 'your father' is the subject. In (37) it is similar to the example before, *maestro* 'teacher' is the predicate, which occurs with the copula and 1_{st} person singular enclitic subject $k=\hat{i}$.

(36)	ntsìvá'yi	tátă=vún	sa'
	coyote	father=2SG	right
	'your father is	a coyote, right? ((MC migration narratives 04:43)
(37)	maestro	k=î	vitsin
	teacher	COP=1SG	now
	'I am a teacher	now.'	

6.3. Questions

Content questions in San Martín Peras Tu'un Savi are used to obtain information from an addressee.

The questions (38) and (39) begin with interrogative pro-forms, which are ntsiachi 'where' and yoo 'who'.

(38)	intsiáa	chíí	kíxa=nà	ñà	nì?
	Where	?	IPFV.do=3PL	DEM	?
	'Where	e do you	all do it then?' (CLVM	migration narratives 00:47)
(39)	¿уоо who	kíxáá? IPFV.b	egin		
	'Who i	s going t	to begin?' (CLV	M migra	ation narratives 00:44)

The examples (40, and 41) begin with *kaa* which marks the clause as a question. Also, the construction of the clause is with *yoo* 'who' and *nàa* 'what, but this shows after the *kaa*. The difference between (38, 39) and (40, 41) is that (40, 41) are more direct questions to the participants.

- (40) ¿kaa yoo xà'ă kíxa=nà ñà=ra?
 Q who about IPFV.do=3PL 3INAM=DEM
 'Who do they do it for? (CLVM migration narratives 00:44)
- (41) kaa nàa tsìkasùn Q what totopo

What type of totopo is it? (CLVM migration narratives 04:09)

In example (42) it is a Yes-NO Question which means that a yes or no answer to the question is expected.

(42) kúntaà=ini=ntó? POT.understand=inside=2PL

'You all understand?' (CLVM migration narratives 09:53)

6.4. Commands

A command is an illocutionary act that is used to get another to do or not to do something. In (43),

the verb sínuu 'put down' is in the potential mood, which also functions as an imperative form in the clause.

(43)	sínuu=ntó=yùù	nátaxá'=ì	nùjŭ=ntó	válí
	POT.put-something-down=1SC	G POT.dance=1SG	for=2IFRM	children
	'let me down so I can dance for	you all, children' (Rabb	oit Story 01:10)

7. Clause combining

7.1. Serial Verbs

The serial verb construction consists of two verbs in the clause that express one event, with a single grammatical subject. The two verbs typically occur in the same aspect-mood, as shown in (44) and (45)

(44) kíxáà táxìn tsìkasùn

	IPFV.begin	IPFV.grind	totopo
	'The totopos st	art being ground	.' (CLVM migration narratives 04:05)
(45)	kuà'àn	kosŏ	tsìkasùn
	POT.go	POT.place	totopo

'the totopo is going to be placed.' (CLVM migration narrative 09:14)

7.2. Relative clauses

A relative clause is a clause that modifies a noun and describes its referent. It often restricts the reference of the head noun or pronoun. San Martín Peras Tu'un Savi has both headed and headless relative clauses. In (46), *ntúu* 'black insect' shows that the *ntúu* is the referent of the head of the relative clause. In (47) the noun *anima* is modified by the relative clause that follows it.

(46)	ntúu	rí=kán	[rí	kíxaà] ta		
	black insect	ANIM=DEM	ANIM	IPFV.come	when		
	'It is that black	insect that come	es when'	(CLVM migrat	ion narratives 10):32)	
(47)	naki'=é	ná (ná)	anima	[vàxi]	nakách=é	so'o=va	nì
	IPFV.pick=IN	CL 3PL.	spirit	IPFV.come	POT.say=INC	L like=SEQ	?
	'We collect the	e spirits that com	ne, shall v	we say.' (CLVM	I migration narra	atives 03:04)	

7.3. Complement clause

A complement clause is a clause that functions as an argument of another clause. In (48) the verb phrase headed by *ntsíko* 'IPFV.grind' is complement of the matrix clause as another clause.

(48)	kixaà=ntó	ntsíko=ntó	míí=ñà	míí	tsìkasùn			
	POT.begin=2IFRM	IPFV.grind=2IFRM	EMP=DEM	EMP	totopo			
	'when they start grinding the totopo' (CLVM migration narratives 03:52)							

7.4. Adverbial clauses

An adverbial clause is a clause that functions to modify another clause.

7.4.1. Purpose Clauses

A purpose clause expresses the purpose for which the event in a main clause is carried out. For example, in (49) *saá yaa* 'so that' is the conjunction which marks the beginning of the purpose clause.

(49) ntsikùù=va kaa xiñù'=àn saá yaa ñà everything=SEQ DM IPFV.need=3INAN so that DM ntúk=ie iin chuun **POT=INCL** one work 'all of that is needed so that you can look for a job' (VM migration narratives 09:17)

7.4.2. Reason Clauses

The reason clause expresses a clause which functions as result or reason of an action. In the example

(50), it is extracted from a story which describes why the Giant person is leaving the village.

(50)	kùxíñú'u	kaa míí	nó'o y	'u'ù	chi	nína
	PFV.NEG.ne	ed DEM TOP	? 1	SG	becaus	emost
	ñà'a và'a	táxì=nà	ntà'=í		nì	
	thing good	IPFV.give=3I	PL hand=1SC	G	?	
	These people 01:41)	no longer need r	ne because t	they g	ive me r	nostly good things.' (Giant Story

7.4.3. Temporal clauses

Temporal clauses are subordinate clauses that express the reference time with respect to which the main clause is interpreted. In the example (51) *tá lo*'=*i* 'when I was little' expresses the reference time in which the event in the following clause takes place. In (52) the temporal adverbial clause is kuá'=é ra.

(51)	tá	lo'=ì		nìxìk=	ì	ñuù	ñuù	Nàmà		
	when	little=1	SG	PFV.w	alk=1SC	Gtown	town	Paredo	ón	
	'When	ı I was li	ttle, I wa	as in the	town of	Paredón	ı (CL mi	gration	narratives 02	::40)
(52)	íta'nù=	=rí	tukúu	ichĭ	káa	nákana	ıt=é		kuá'=é	ra
	IPFV.f	fly=3PL	like	road	DEM	IPFV.1	eave=IN	ICL	IPFV.go=I	NCL DEM
	ʻit was	flying i	n that ro	ad, whil	e we we	re walki	ng' (CL'	VM mig	gration narrat	ives 10:19)

Temporal subsequence is an adverbial clause construction in which the main clause event is understood to occur after the event expressed in the adverbial clause as shown in examples (53) and (54).

(53)	taxa	kixaà		vàxi		míí	ntsĭì	sá'	
	when	POT.b	egin	IPFV.c	come	EMP	death	right	
	'When	it begin	s, the de	ath is co	oming' (C	CLVM r	nigratior	n narrativ	ves 09:57)
(54)	ntsí'i		chiñu	ra	ntsìkûn	l	ikán	tuku	chiñu
	IPFV.f	ïnish	work	DM	then		there	again	work
	vàxi=v	a							
	IPFV.c	come=SI	EQ						

'the job is done then another job comes' (CL migration narratives 03:12)

7.4.4. Manner Clause

A manner clause expresses the way in which an event in the main clause happens. For example,

(55) ntùù ntánì'in vũ 'picking the new-corn' is an example of a manner clause.

(55)	ntùù	ntánì'in	vĩi	kuà'àn=va=ntù
	2PL	IPFV.pick	new-corn	POT.go=SEQ=2PL
	Picking	g the new-corn, v	we go. (CL migra	ation narratives 02:57)

The example in (57) shows a manner adverbial clause 'crying' modifying the main clause.

(56)	xìna	ntúu	kíxaà	ntá'yì=rí
	first	black insect	IPFV.come	IPFV.cry==3ANIM

'first the black insect comes crying' (CLVM migration narratives 10:17)

7.5. Coordination

7.5.1. Coordination of Noun Phrases

The example in (57) display a coordination of noun phrases.

(57)	kosŏ	nchixî	kosŏ	ikĭn	tsintuyŭ	nañă
	IPFV.place	corn	IPFV.place	pumpkin	figleaf.gourd	chayote

'the corn is put the pumpkin is put the pumpkin chilacayote the chayote' (CLVM migration narratives 09:15)

8. Pragmatics

The example in (58) shows a statement that functions as a command. This is a polite way to make a directive.

(58) kuu ká'=ŭn xà'ă míí=ñà? ñà COP IPFV.talk=2SG for EMP=DEM DEM tá xìxìk=ún tá lo'=ún? when HAB.PEFV.walk=2SG when little=2SG

'Can you talk about when you were a little? (CL migration narratives 00:50)

9. Discourse

The examples from (59) to (64) display =va as an enclitic in the clause. This enclitic links clauses

as connected and related events in the discourse.

(59)	kàyà	itâ=va	kàyà					
	POT.collect	flower=SEQ	POT.co	ollect				
	'flowers are pi	cked, picked, and	d' (CLV	M migra	ation nar	ratives 01:47)		
(60)	kua'a	tŏsò=va						
	POT.build	arc=SEQ						
	'the arc is buil	t, and' (CLVM n	nigration	narrativ	ves 01:49	9)		
(61)	kua'a	xìto=va						
	IPFV.build	bed=SEQ						
	'the bed is bui	lt, and' (CLVM	M migrat	tion narr	atives 0	1:49)		
(62)	tsia kosŏ	tsikúu=	=va	ikĭn=v	a			
	then IPFV.	place all=SE	EQ	squash	=SEQ			
	'then everythin	ng is placed, squa	ash, and'	(CLVN	1 migrat	ion narratives 0	8:34	
(63)	kuá'a	tsìkasùn	válí	míí	ñà'an	míí=v=an	sá'	
	IPFV.make 'the little <i>toto</i> 08:37)	totopo <i>pos</i> are made ju	little ust for tl	TOP nem, an		mii=SEQ=IN VM migration		right es
(64)	ichíyo	ikĭn=va	ikĭn	nchìch	î	nchixĭ=va		
	IPFV=boil	squash=SEQ	squash	green l	beans	corn=SEQ		

'the squash is started to boil, squash, green beans, and corn'' (CLVM migration narratives 08:40)

10. In conclusion

The Syntactic Sketch provides the basic syntax of San Martín Peras Tu'un Savi. Plus, this study incorporates the basics of the phonology, morphology, and provides examples of pragmatics and discourse. All examples from the syntax, pragmatics, and discourse sections are from recordings that were transcribed in ELAN. The phonology data are elicited. Also, this paper includes the description of the language and methodologies used in the study, which shows how the language was analyzed and described in this paper.

The purpose of this paper is to display the examples of basic syntactic of San Martín Peras Tu'un Savi from the texts; migration narratives, rabbit stories, giant story, and other cultural events stories. With all of this content, I described the basics of syntax in Tu'un Savi. For future works, I might record and transcribe more data to understand advanced syntax on San Martín Peras Tu'un Savi. Also, I am interested in working more on the pragmatics and discourse sections for a future project.

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